

Borehole: KLX08		
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APPENDIX 1

File Description Table

HYDROTESTING WITH PSS				DRILLHOLE IDENTIFICATION NO.: KLX08					
TEST- AND FILEPROTOCOL				Testorder dated : 2006-08-27					
Teststart		Interval boundaries		Name of Datafiles		Testtype	Copied to disk/CD	Plotted (date)	Sign.
Date	Time	Upper	Lower	(*HT2-file)	(*CSV-file)				
2006-08-29	17:41	241.00	341.00	__KLX08_0241.00_200608291741.ht2	KLX08_241.00-341.00_060829_1_CRwr_Q_r.csv	CRwr	2006-09-27	2006-09-21	
2006-08-30	15:01	241.00	341.00	__KLX08_0241.00_200608301501.ht2	KLX08_241.00-341.00_060830_2_CRwr_Q_r.csv	CRwr	2006-09-27	2006-09-21	
2006-09-08	15:53	357.00	497.00	__KLX08_0357.00_200609081553.ht2	KLX08_357.00-497.00_060908_1_CRwr_Q_r.csv	CRwr	2006-09-27	2006-09-21	
2006-09-11	13:46	357.00	497.00	__KLX08_0357.00_200609111346.ht2	KLX08_357.00-497.00_060911_2_CRwr_Q_r.csv	CRwr	2006-09-27	2006-09-21	
2006-09-19	12:00	102.00	242.00	__KLX08_0102.00_200609191200.ht2	KLX08_102.00-242.00_060919_1_CRwr_Q_r.csv	CRwr	2006-09-27	2006-09-21	
2006-09-21	16:16	102.00	242.00	__KLX08_0102.00_200609211616.ht2	KLX08_102.00-242.00_060921_2_CRwr_Q_r.csv	CRwr	2006-09-27	2006-09-27	

Borehole: KLX08		
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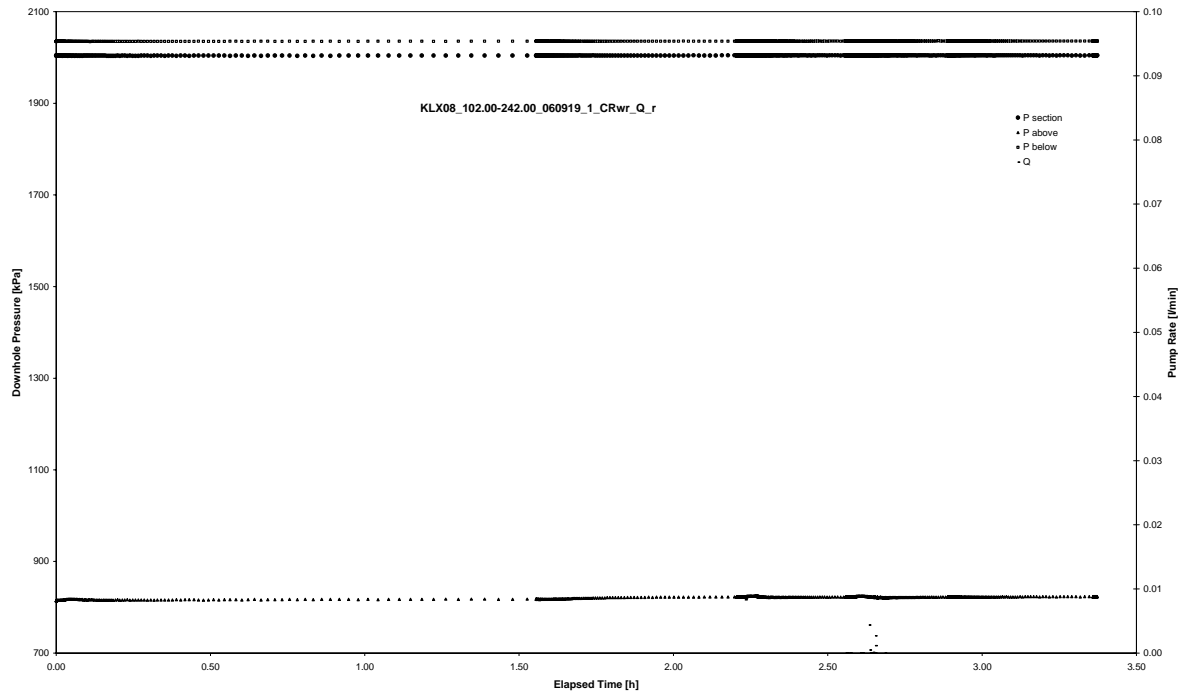
APPENDIX 2

Pump Test Analyses Diagrams

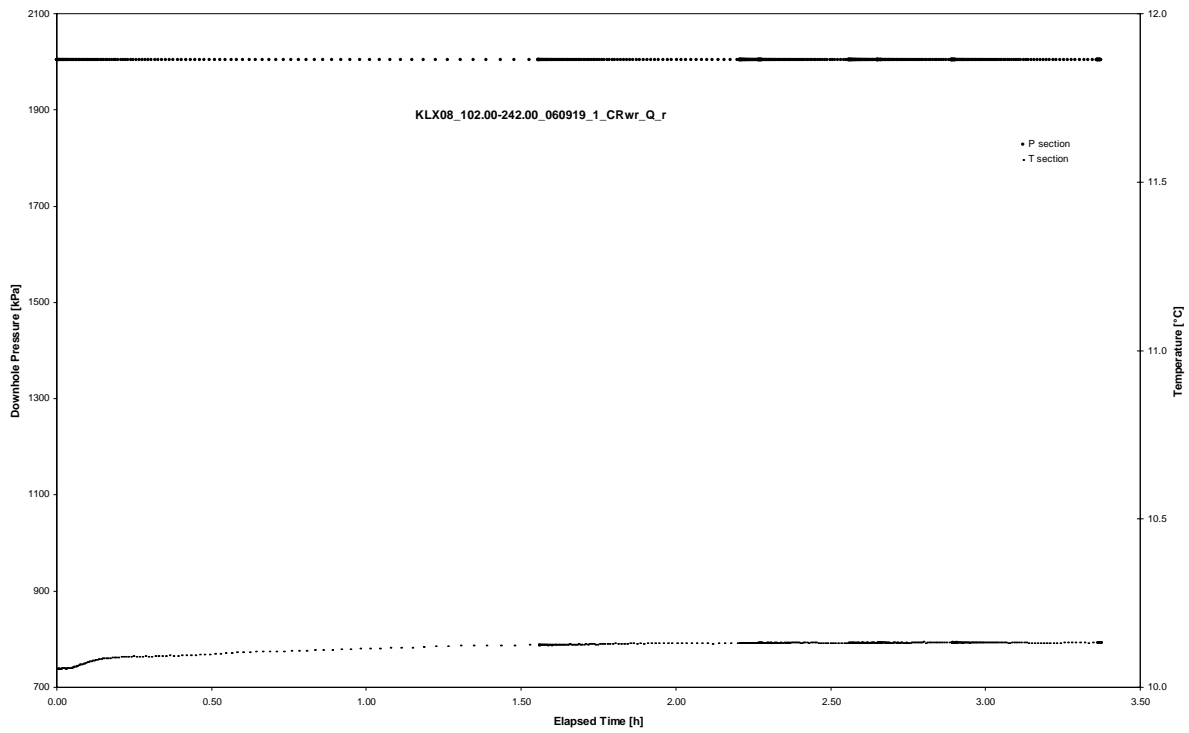
APPENDIX 2-1

Test 102.00 – 242.00 m

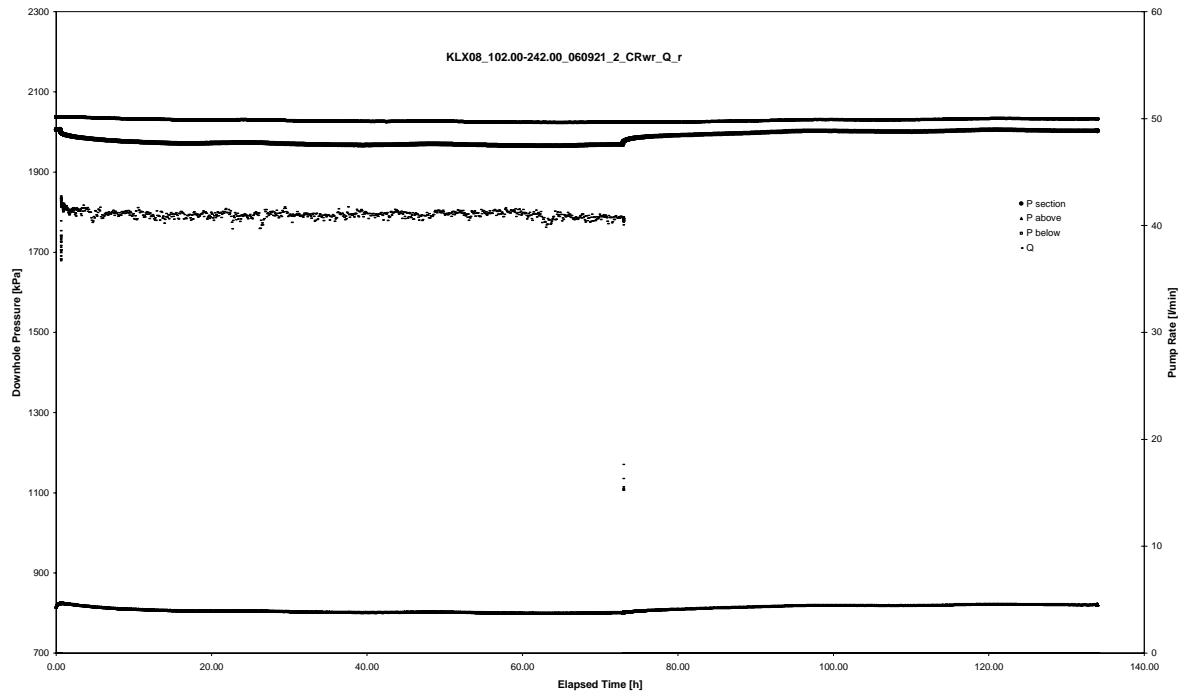
Pump Test Analysis diagrams



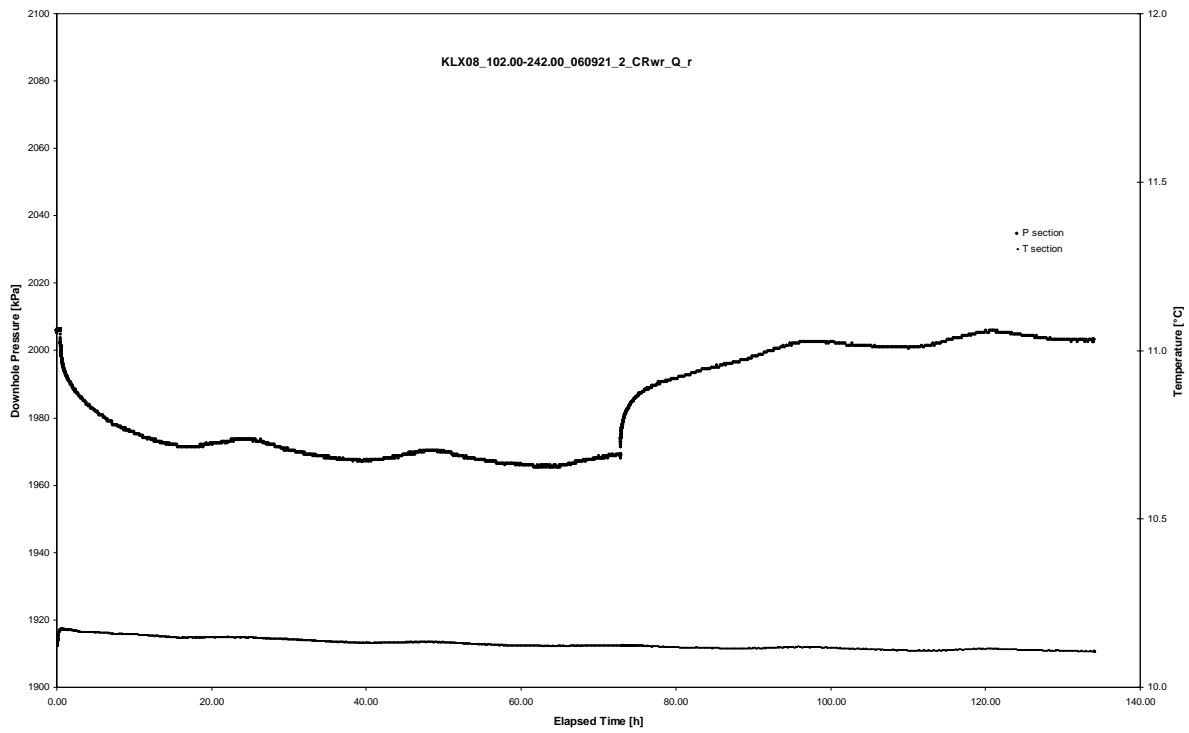
Pressure and flow rate vs. time; cartesian plot (repeated)



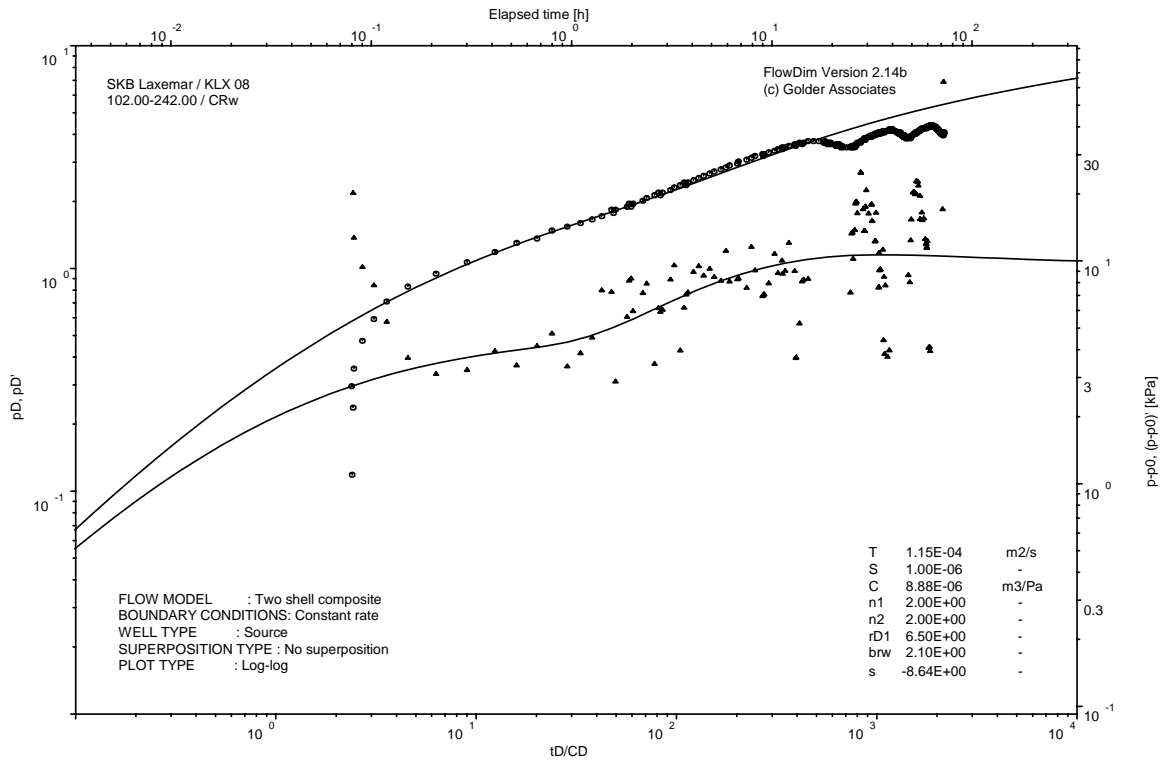
Interval pressure and temperature vs. time; cartesian plot (repeated)



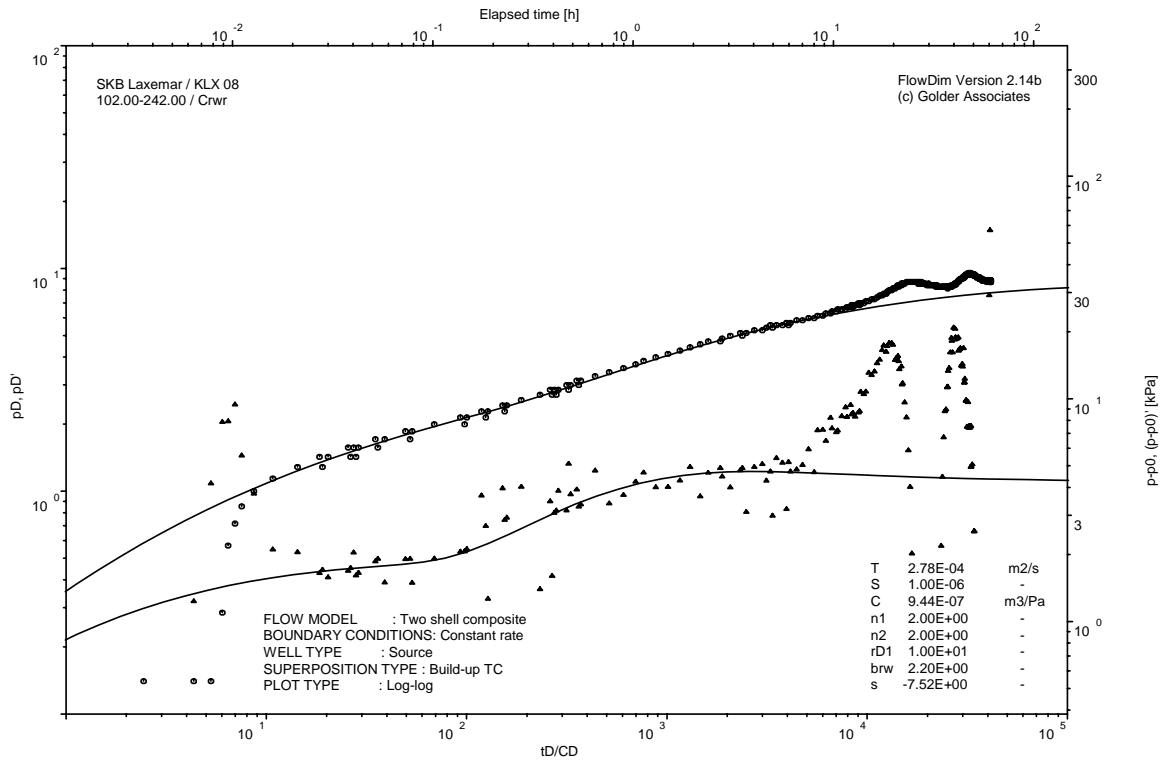
Pressure and flow rate vs. time; cartesian plot



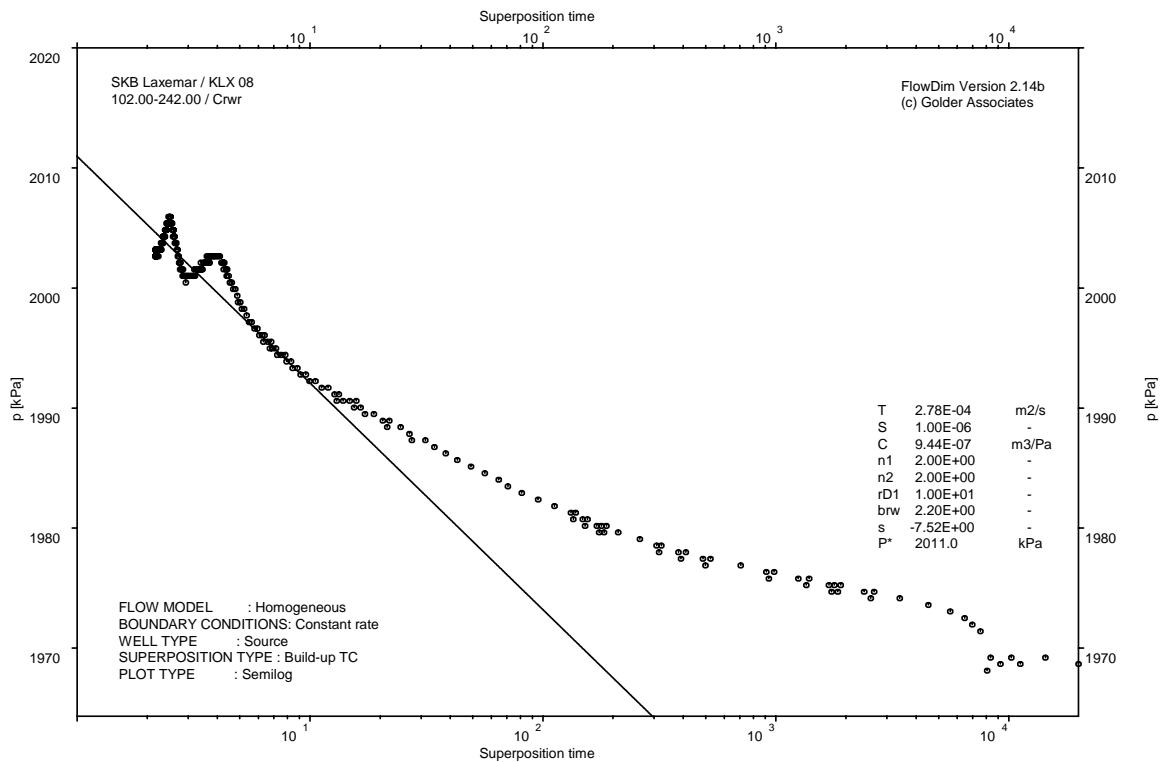
Interval pressure and temperature vs. time; cartesian plot



CRw phase; log-log match



CRwr phase; log-log match

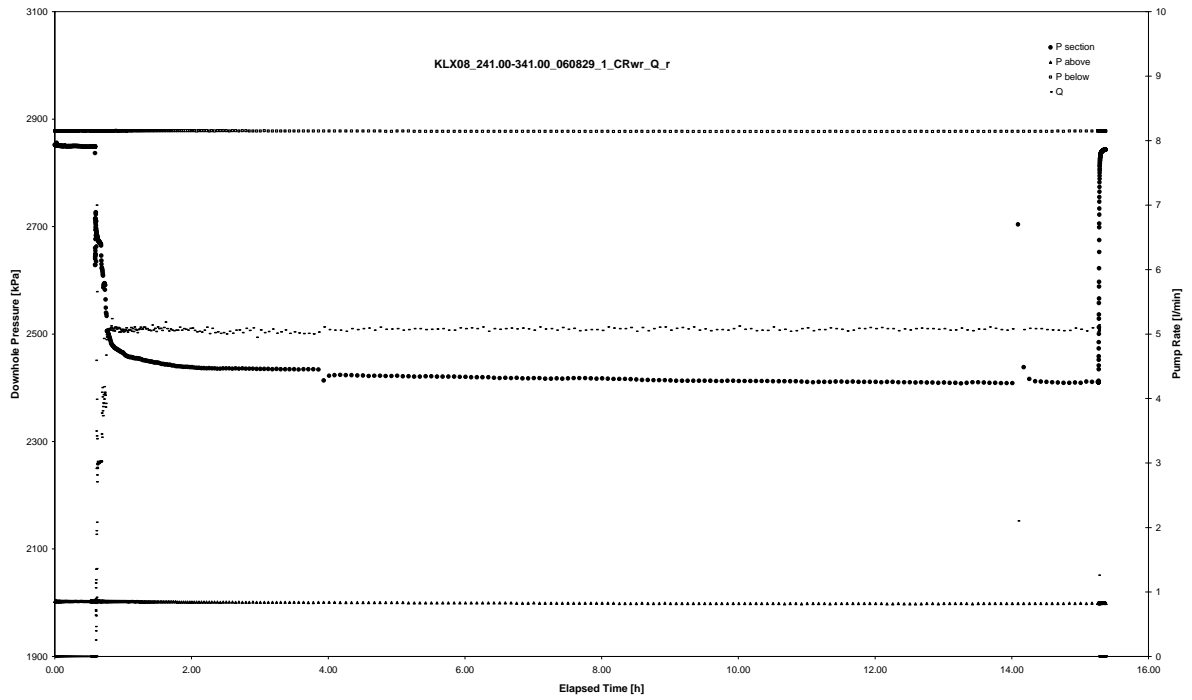


CRwr phase; HORNER match

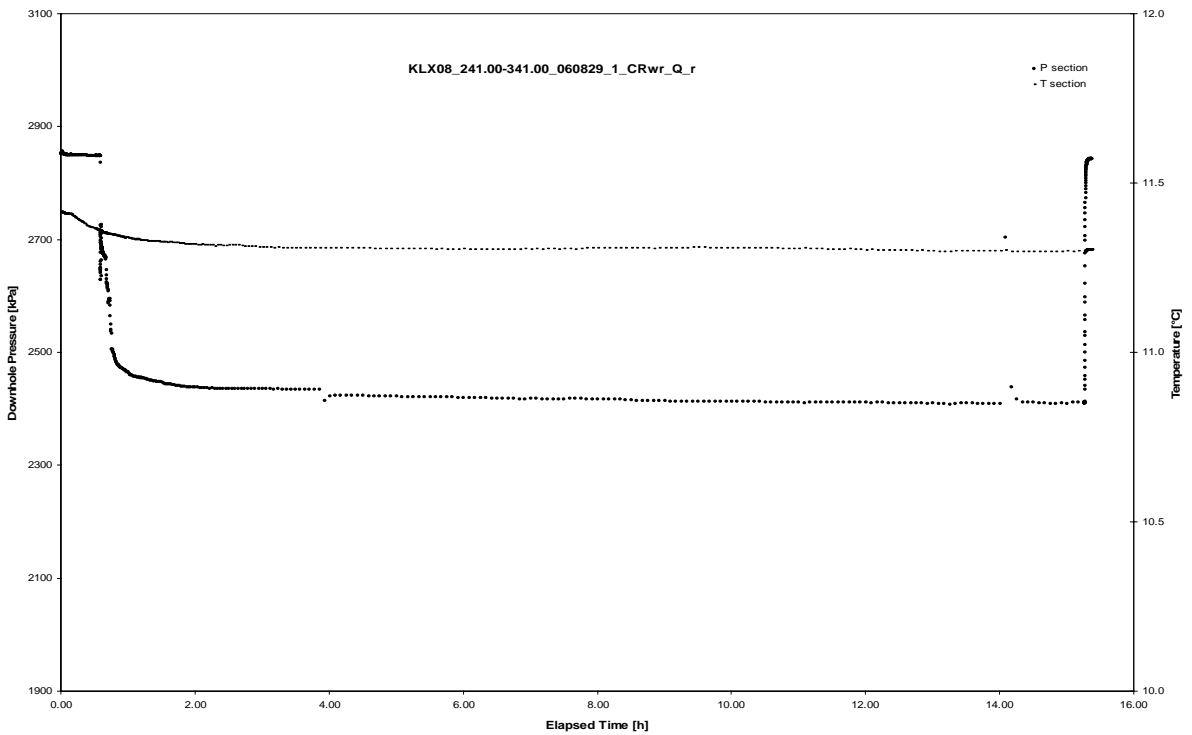
APPENDIX 2-2

Test 241.00 – 341.00 m

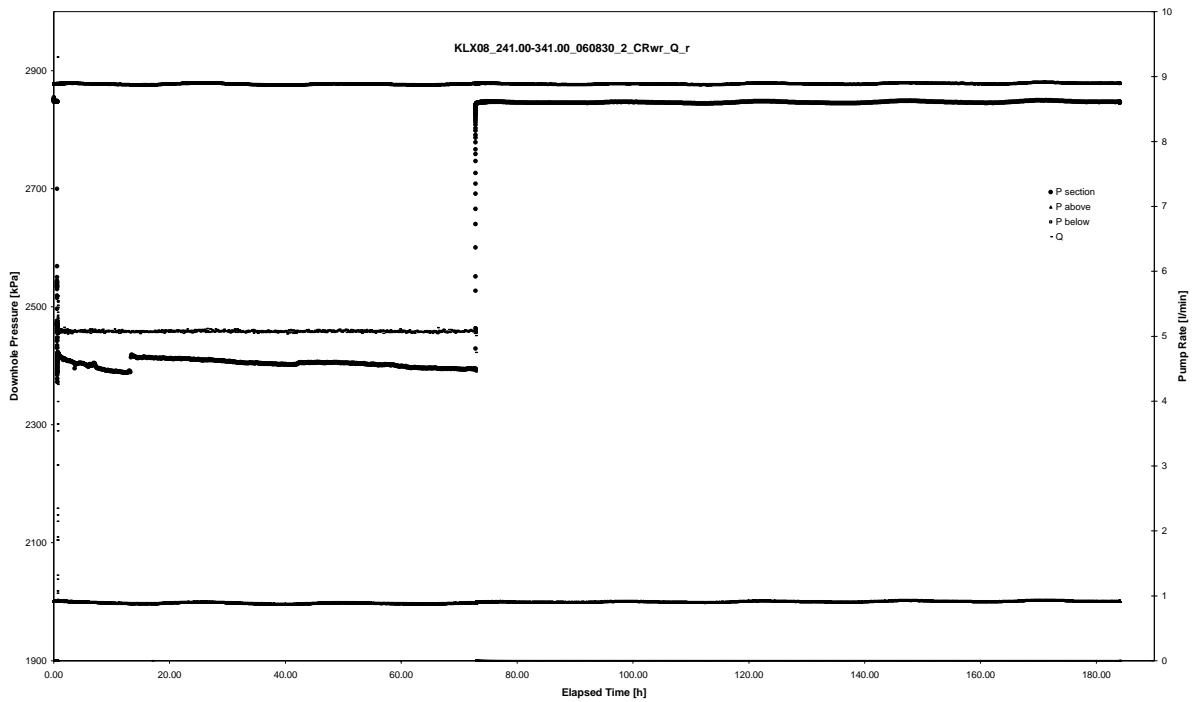
Pump Test Analysis diagrams



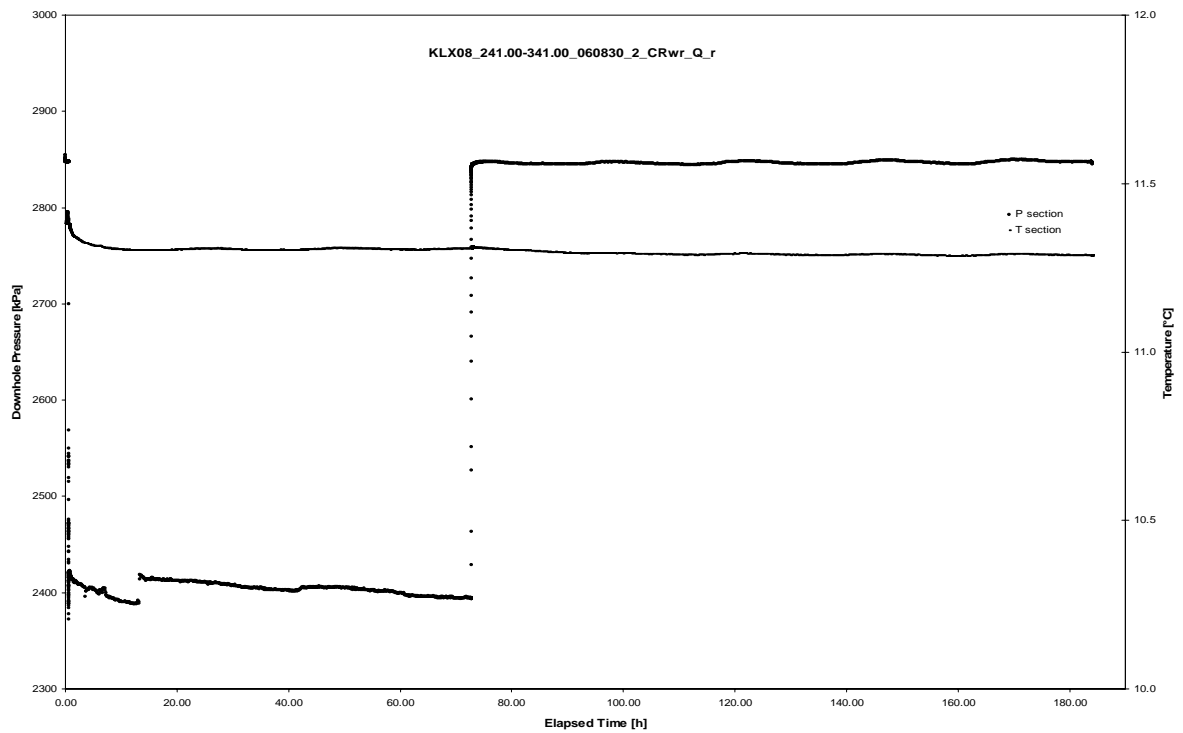
Pressure and flow rate vs. time; cartesian plot (repeated)



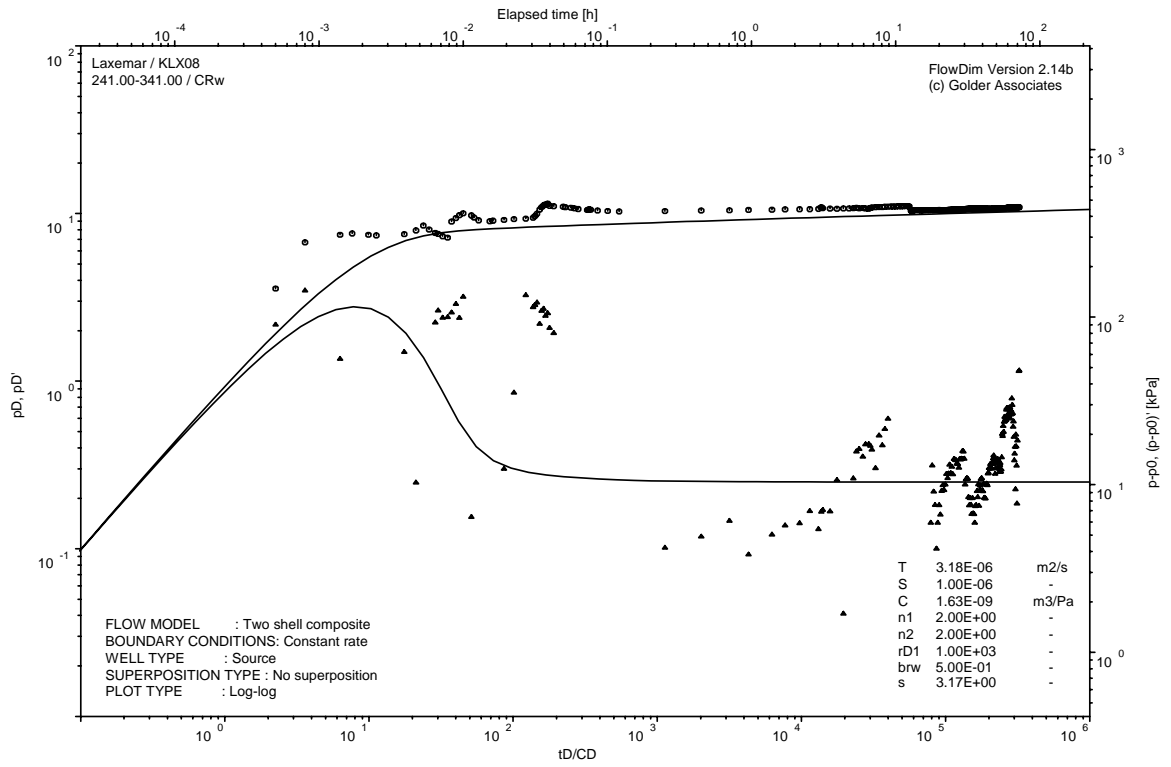
Interval pressure and temperature vs. time; cartesian plot (repeated)



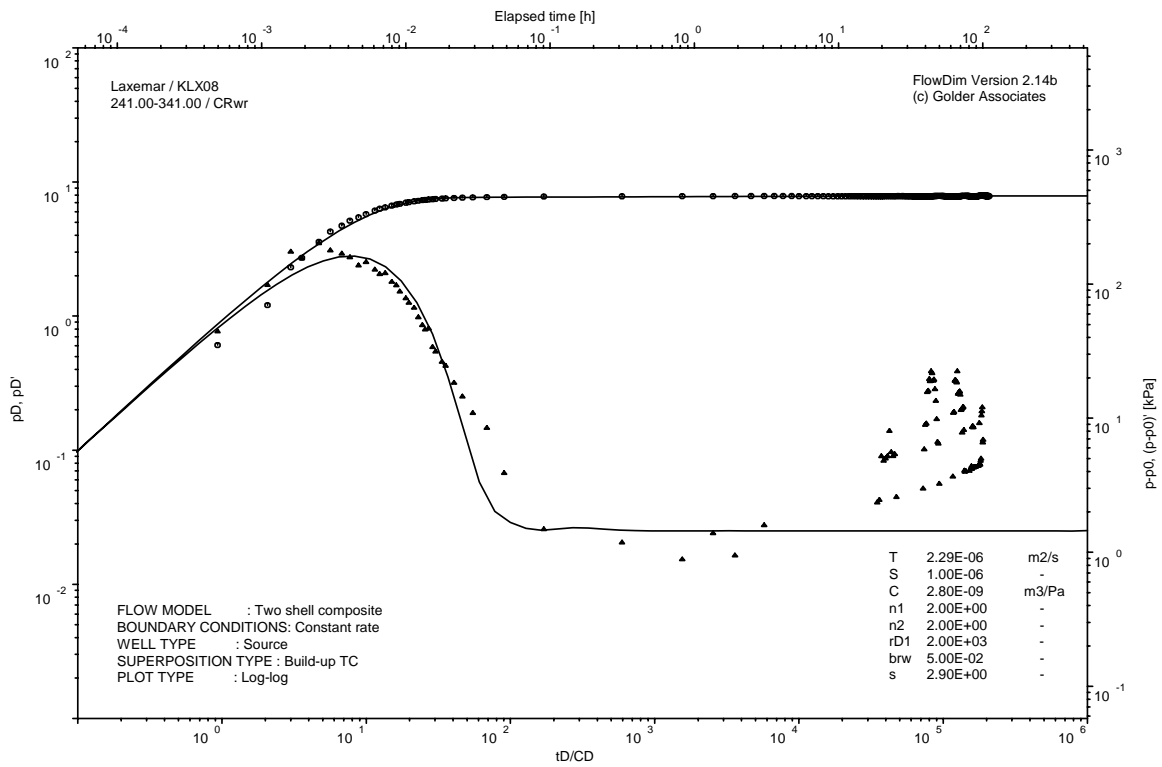
Pressure and flow rate vs. time; cartesian plot



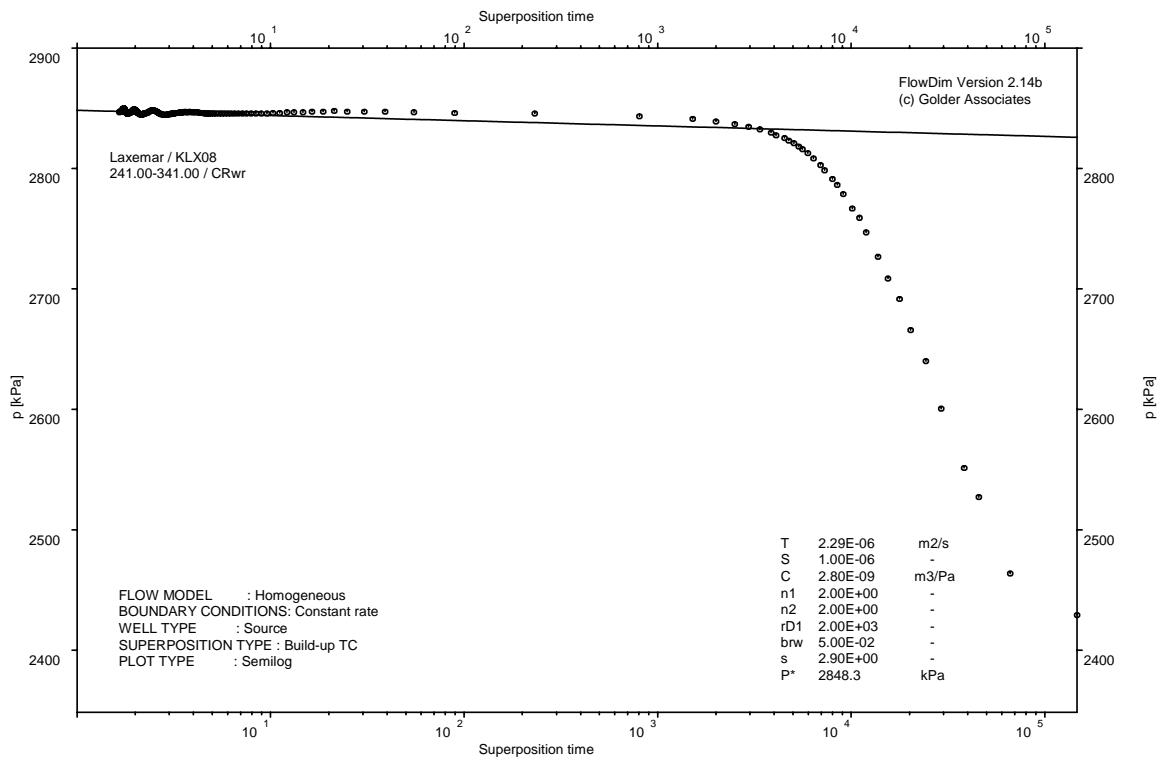
Interval pressure and temperature vs. time; cartesian plot



CRw phase; log-log match



CRwr phase; log-log match

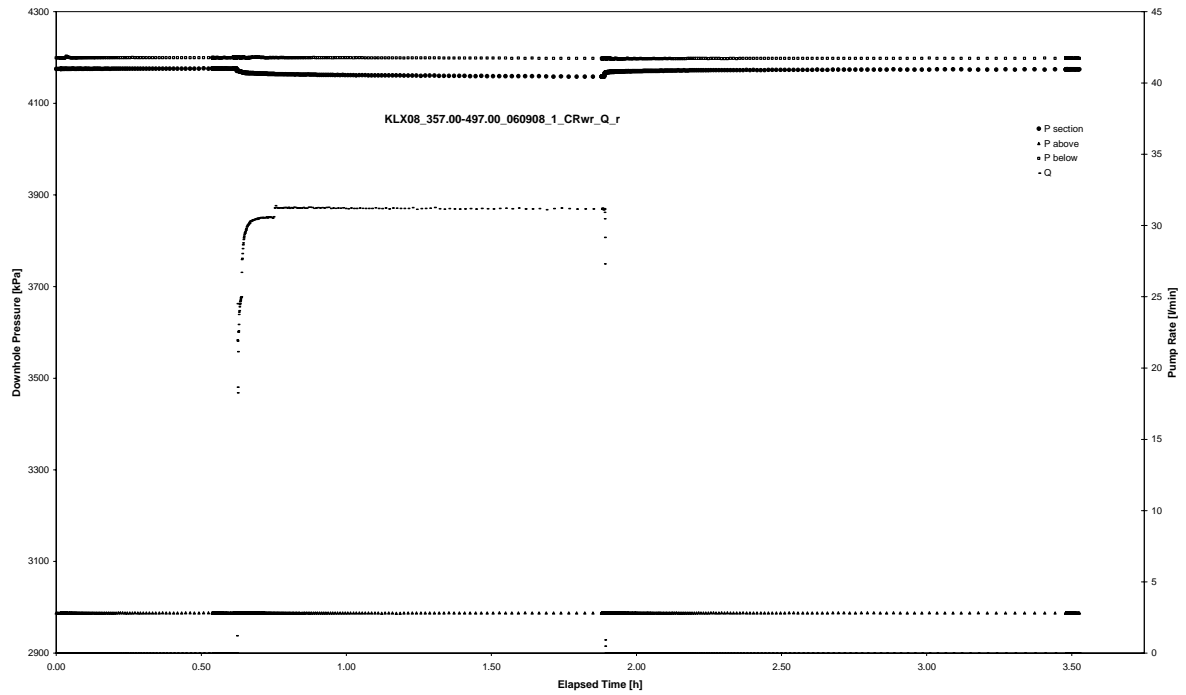


CRwr phase; HORNER match

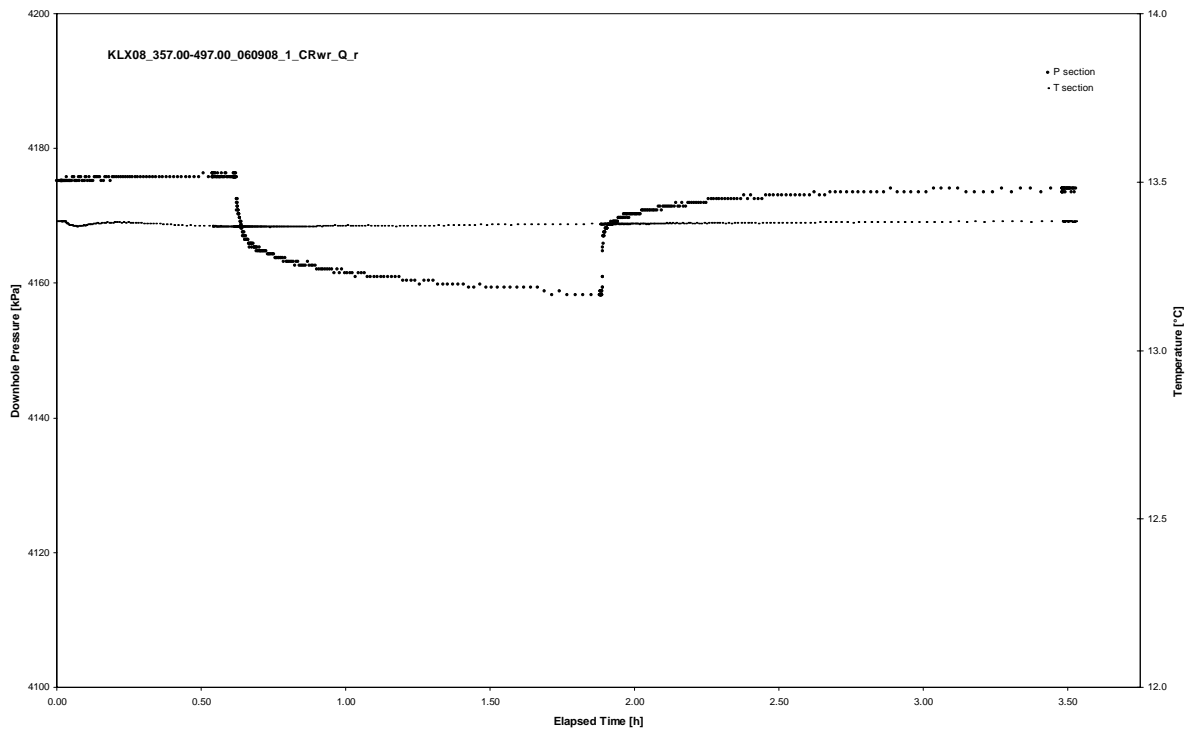
APPENDIX 2-3

Test 357.00 – 497.00 m

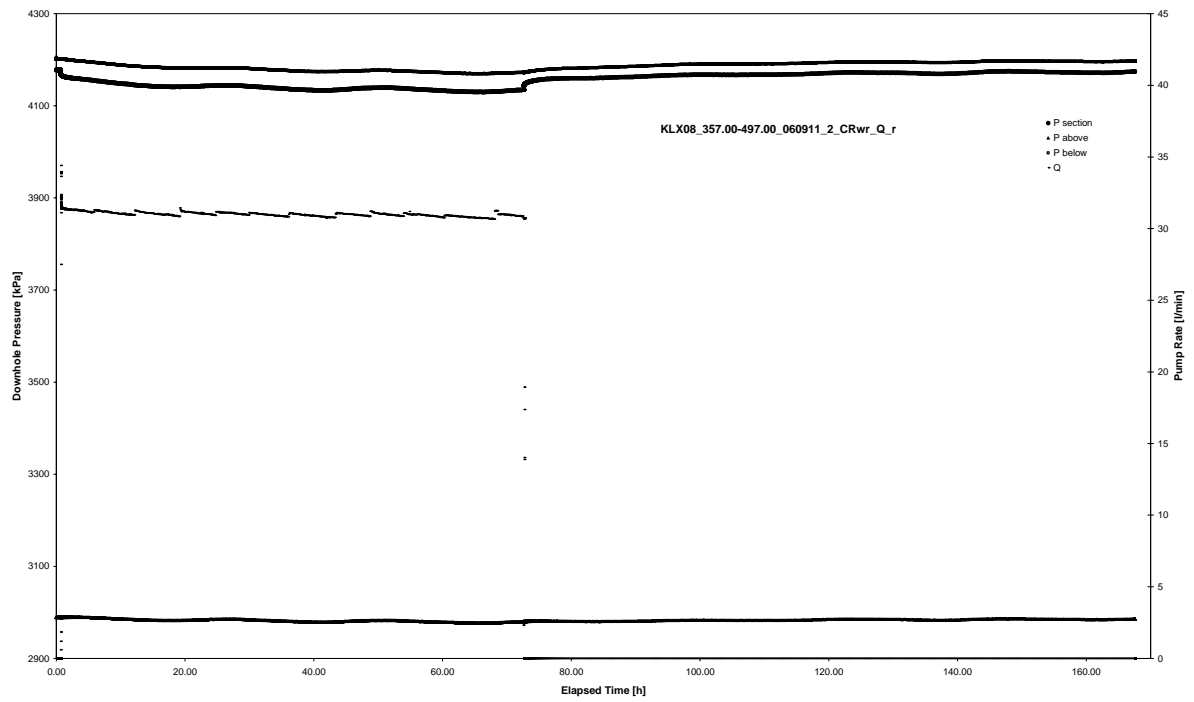
Pump Test Analysis diagrams



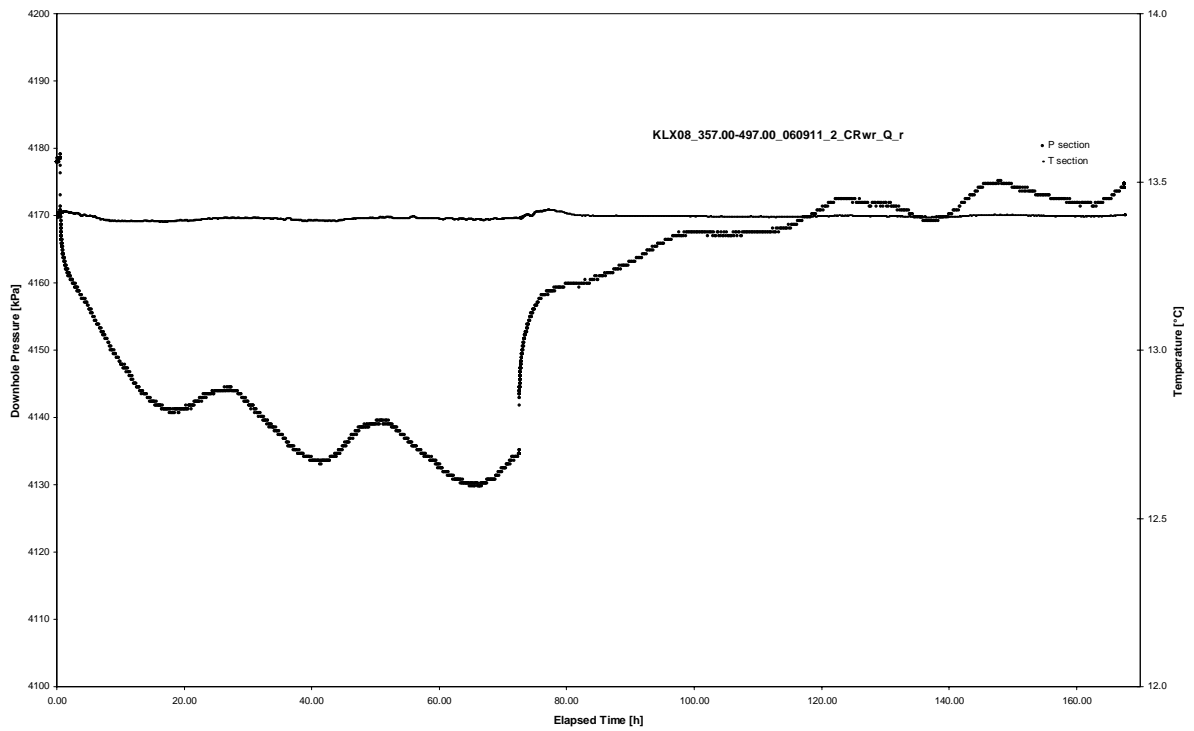
Pressure and flow rate vs. time; cartesian plot (repeated)



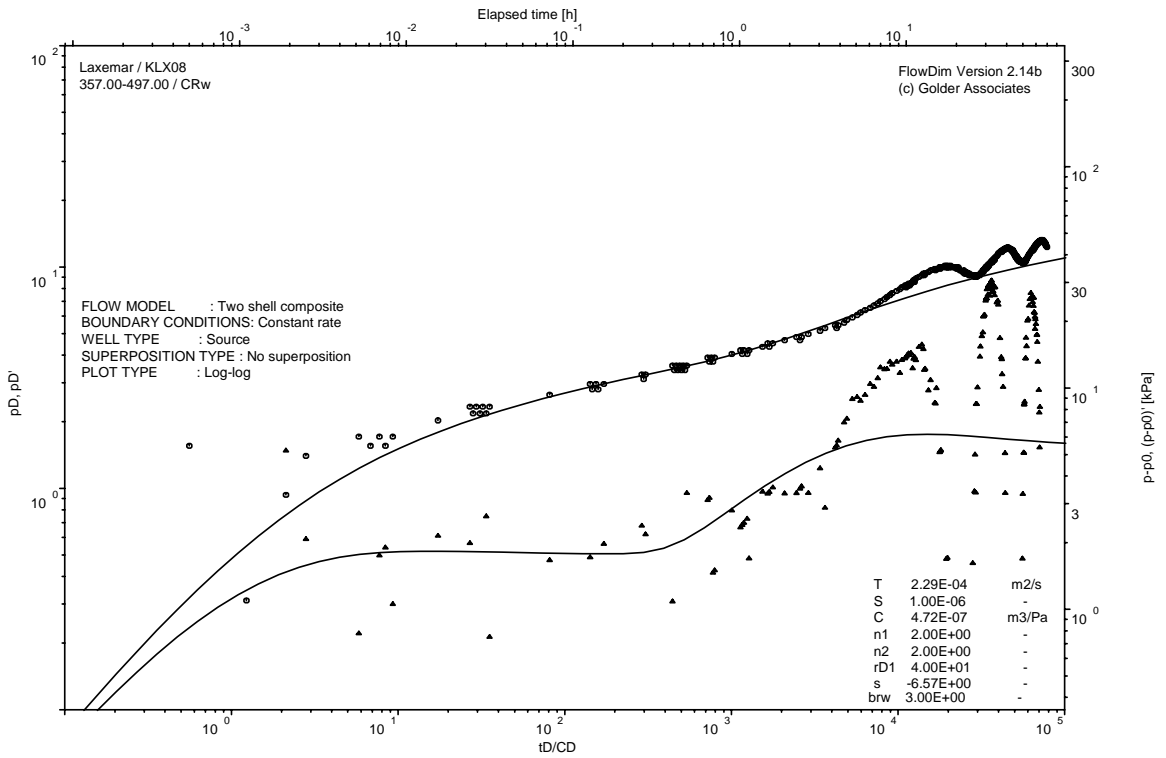
Interval pressure and temperature vs. time; cartesian plot (repeated)



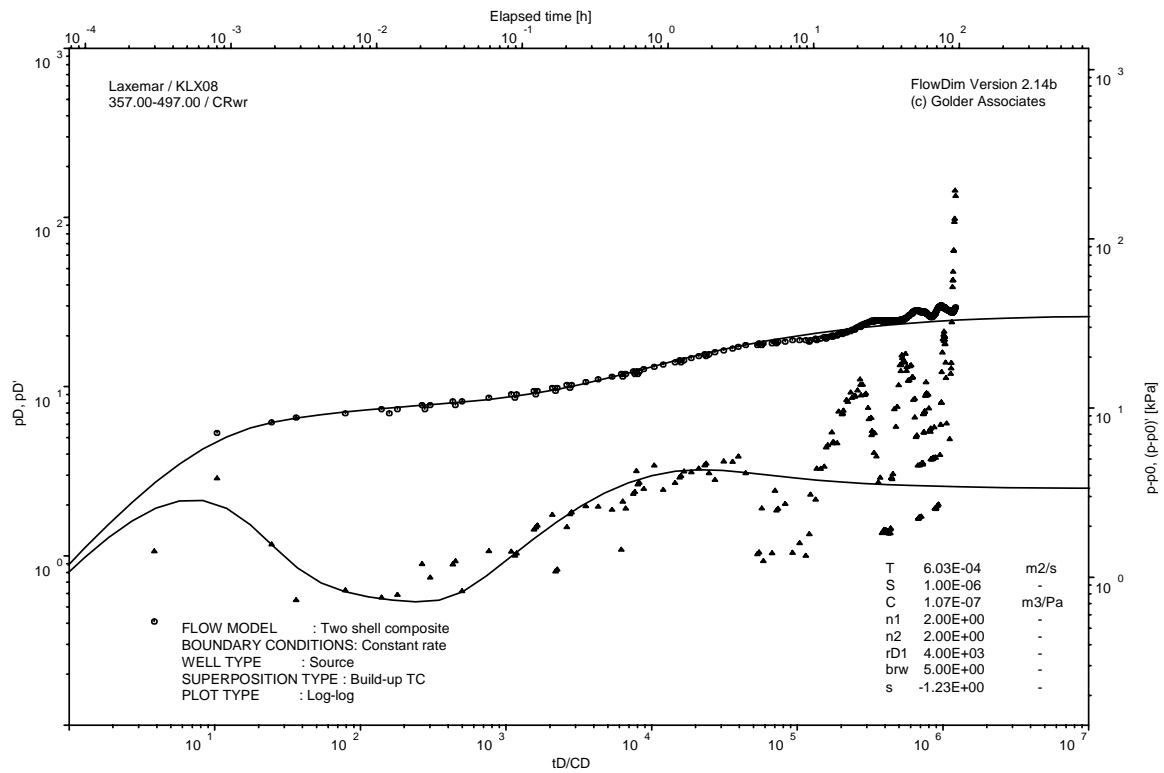
Pressure and flow rate vs. time; cartesian plot



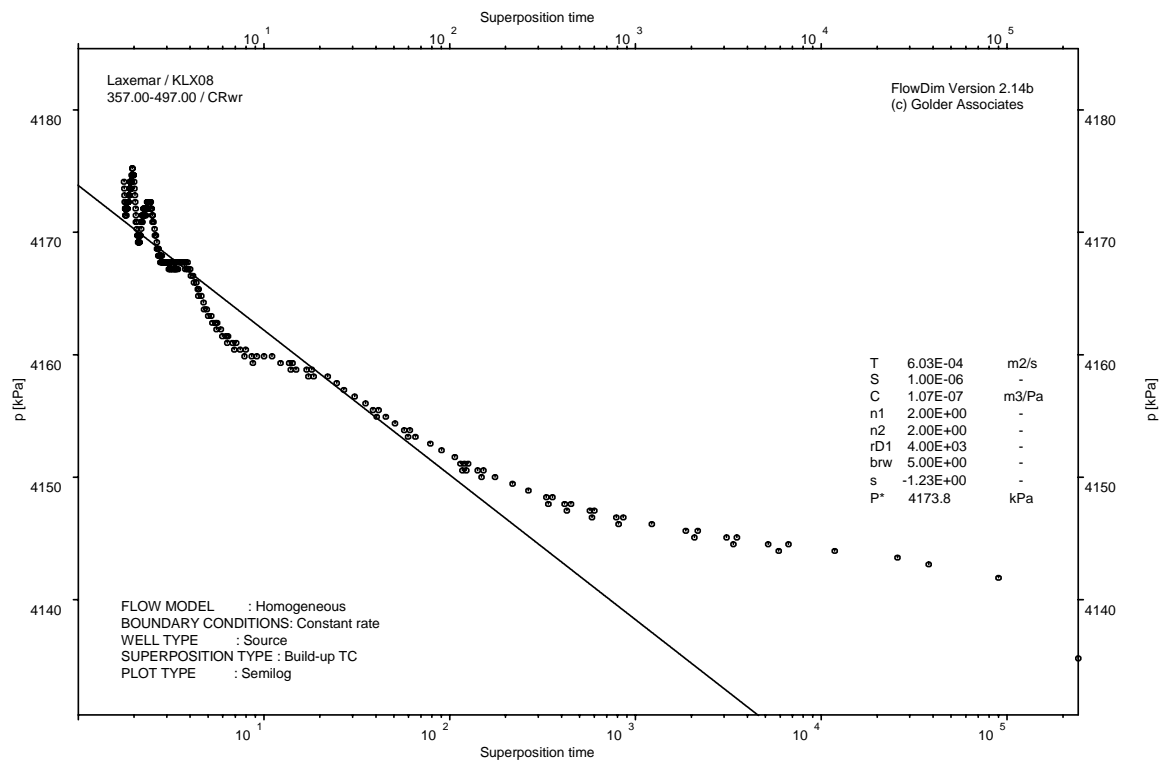
Interval pressure and temperature vs. time; cartesian plot



CRw phase; log-log match



CRwr phase; log-log match



CRwr phase; HORNER match

Borehole: KLX08

APPENDIX 3

Pump Test Summary Sheets

Test Summary Sheet					
Project:	Oskarshamn site investigation	Test type:[1]	CRwr		
Area:	Laxemar	Test no:	2		
Borehole ID:	KLX08	Test start:	060921 16:16		
Test section from - to (m):	102.00-242.00 m	Responsible for test execution:	Mesgena Gebrezghi Nikolaj Sokrut		
Section diameter, 2-r _w (m):	0.076	Responsible for test evaluation:	Cristian Enachescu		
Linear plot Q and p		Flow period			
		Recovery period			
		Indata		Indata	
		p ₀ (kPa) =	2006	p _F (kPa) =	2004
		p _i (kPa) =	2006		
		p _p (kPa) =	1969		
		Q _p (m ³ /s) =	6.75E-04		
		t _p (s) =	260604	t _F (s) =	219840
		S el S' (-) =	1.00E-06	S el S' (-) =	1.00E-06
		EC _w (mS/m) =			
		Temp _w (gr C) =	10.1		
Derivative fact. =	0.02	Derivative fact. =	0.07		
Log-Log plot incl. derivatives- flow period		Results			
		Q/s (m ² /s) =	1.8E-04		
		T _M (m ² /s) =	2.4E-04		
		Flow regime:	transient	Flow regime:	transient
		dt ₁ (min) =	243.85	dt ₁ (min) =	31.39
		dt ₂ (min) =	1528.86	dt ₂ (min) =	420.75
		T (m ² /s) =	5.5E-05	T (m ² /s) =	1.3E-04
		S (-) =	1.0E-06	S (-) =	1.0E-06
		K _s (m/s) =	3.9E-07	K _s (m/s) =	9.0E-07
		S _s (1/m) =	7.1E-09	S _s (1/m) =	7.1E-09
		C (m ³ /Pa) =	NA	C (m ³ /Pa) =	9.4E-07
C _D (-) =	NA	C _D (-) =	1.0E+02		
ξ (-) =	-8.64	ξ (-) =	-7.52		
T _{GRF} (m ² /s) =	NA	T _{GRF} (m ² /s) =	NA		
S _{GRF} (-) =	NA	S _{GRF} (-) =	NA		
D _{GRF} (-) =	NA	D _{GRF} (-) =	NA		
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.			
		dt ₁ (min) =	31.39	C (m ³ /Pa) =	9.4E-07
		dt ₂ (min) =	420.75	C _D (-) =	1.0E+02
		T _T (m ² /s) =	1.3E-04	ξ (-) =	-7.52
		S (-) =	1.0E-06		
		K _s (m/s) =	9.0E-07		
		S _s (1/m) =	7.1E-09		
Comments:		The recommended transmissivity of 1.3E-4 m ² /s was derived from the analysis of the CRwr phase (outer zone), which shows the best data and derivative quality. The confidence range for the interval transmissivity is estimated to be 5.0E-5 to 2.0E-4 m ² /s. The flow dimension displayed during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 2011 kPa.			

Test Summary Sheet							
Project:	Oskarshamn site investigation	Test type:[1]	CRwr				
Area:	Laxemar	Test no:	2				
Borehole ID:	KLX08	Test start:	060830 15:02				
Test section from - to (m):	241.00-341.00 m	Responsible for test execution:	Reinder van der Wall Philipp Wolf				
Section diameter, 2·r _w (m):	0.076	Responsible for test evaluation:	Cristian Enachescu				
Linear plot Q and p		Flow period					
		Recovery period					
		Indata		Indata			
		p ₀ (kPa) =	2847	p _F (kPa) =	2846		
		p _i (kPa) =	2847				
		p _p (kPa) =	2394				
		Q _p (m ³ /s) =	8.50E-05				
		t _p (s) =	262152	t _F (s) =	400440		
		S el S' (-) =	1.00E-06	S el S' (-) =	1.00E-06		
		EC _w (mS/m) =					
		Temp _w (gr C) =	11.3				
Derivative fact. =	0.13	Derivative fact. =	0.05				
Results		Results					
Q/s (m ² /s) =	1.8E-06						
T _M (m ² /s) =	2.4E-06						
Log-Log plot incl. derivatives- flow period		Log-Log plot incl. derivatives- recovery period					
				Flow regime:	transient	Flow regime:	transient
				dt ₁ (min) =	15.07	dt ₁ (min) =	5.43
				dt ₂ (min) =	305.13	dt ₂ (min) =	182.68
				T (m ² /s) =	3.2E-06	T (m ² /s) =	2.3E-06
				S (-) =	1.0E-06	S (-) =	1.0E-06
				K _s (m/s) =	3.2E-08	K _s (m/s) =	2.3E-08
				S _s (1/m) =	1.0E-08	S _s (1/m) =	1.0E-08
				C (m ³ /Pa) =	NA	C (m ³ /Pa) =	2.8E-09
				C _D (-) =	NA	C _D (-) =	3.1E-01
ξ (-) =	3.17	ξ (-) =	2.90				
T _{GRF} (m ² /s) =	NA	T _{GRF} (m ² /s) =	NA				
S _{GRF} (-) =	NA	S _{GRF} (-) =	NA				
D _{GRF} (-) =	NA	D _{GRF} (-) =	NA				
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.					
		dt ₁ (min) =	5.43	C (m ³ /Pa) =	2.8E-09		
		dt ₂ (min) =	182.68	C _D (-) =	3.1E-01		
		T _T (m ² /s) =	2.3E-06	ξ (-) =	2.90		
		S (-) =	1.0E-06				
		K _s (m/s) =	2.3E-08				
		S _s (1/m) =	1.0E-08				
Comments:		The recommended transmissivity of 2.29E-6 m ² /s was derived from the analysis of the CRwr phase (inner zone), which shows the best data and derivative quality. The confidence range for the interval transmissivity is estimated to be 1.0E-6 to 6.0E-5 m ² /s. The flow dimension displayed during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 2848 kPa.					

Test Summary Sheet							
Project:	Oskarshamn site investigation	Test type:[1]	CRwr				
Area:	Laxemar	Test no:	2				
Borehole ID:	KLX08	Test start:	060911 13:47				
Test section from - to (m):	357.00-497.00 m	Responsible for test execution:	Stefan Rohs Mesgena Gebrezghi				
Section diameter, 2-r _w (m):	0.076	Responsible for test evaluation:	Cristian Enachescu				
Linear plot Q and p		Flow period					
		Recovery period					
		Indata		Indata			
		p ₀ (kPa) =	4178				
		p _i (kPa) =	4179				
		p _p (kPa) =	4135	p _F (kPa) =	4174		
		Q _p (m ³ /s) =	5.12E-04				
		t _p (s) =	259200	t _F (s) =	345000		
		S el S' (-) =	1.00E-06	S el S' (-) =	1.00E-06		
		EC _w (mS/m) =					
		Temp _w (gr C) =	13.4				
Derivative fact. =	0.06	Derivative fact. =	0.08				
Results		Results					
Q/s (m ² /s) =	1.1E-04						
T _M (m ² /s) =	1.5E-04						
Log-Log plot incl. derivatives- flow period		Log-Log plot incl. derivatives- recovery period					
				Flow regime:	transient	Flow regime:	transient
				dt ₁ (min) =	0.41	dt ₁ (min) =	16.37
				dt ₂ (min) =	16.36	dt ₂ (min) =	325.87
				T (m ² /s) =	2.3E-04	T (m ² /s) =	1.2E-04
				S (-) =	1.0E-06	S (-) =	1.0E-06
				K _s (m/s) =	1.6E-06	K _s (m/s) =	8.6E-07
				S _s (1/m) =	7.1E-09	S _s (1/m) =	7.1E-09
				C (m ³ /Pa) =	NA	C (m ³ /Pa) =	1.1E-07
				C _D (-) =	NA	C _D (-) =	1.2E+01
ξ (-) =	-6.57	ξ (-) =	-1.23				
T _{GRF} (m ² /s) =	NA	T _{GRF} (m ² /s) =	NA				
S _{GRF} (-) =	NA	S _{GRF} (-) =	NA				
D _{GRF} (-) =	NA	D _{GRF} (-) =	NA				
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.					
		dt ₁ (min) =	16.37	C (m ³ /Pa) =	1.1E-07		
		dt ₂ (min) =	325.87	C _D (-) =	1.2E+01		
		T _T (m ² /s) =	1.2E-04	ξ (-) =	-1.23		
		S (-) =	1.0E-06				
		K _s (m/s) =	8.6E-07				
		S _s (1/m) =	7.1E-09				
Comments:		<p>The recommended transmissivity of 1.21E-4 m²/s was derived from the analysis of the CRwr phase (outer zone), which shows the best data and derivative quality. The confidence range for the interval transmissivity is estimated to be 1.0E-4 to 4.0E-4 m²/s. The flow dimension displayed during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 4174 kPa.</p>					

Borehole: KLX08		
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APPENDIX 4

Nomenclature

Character	SICADA designation	Explanation	Dimension	Unit
Variables, constants				
A_w		Horizontal area of water surface in open borehole, not including area of signal cables, etc.	$[L^2]$	m^2
b		Aquifer thickness (Thickness of 2D formation)	$[L]$	m
B		Width of channel	$[L]$	m
L		Corrected borehole length	$[L]$	m
L_0		Uncorrected borehole length	$[L]$	m
L_p		Point of application for a measuring section based on its centre point or centre of gravity for distribution of transmissivity in the measuring section.	$[L]$	m
L_w		Test section length.	$[L]$	m
dL		Step length, Positive Flow Log - overlapping flow logging. (step length, PFL)	$[L]$	m
r		Radius	$[L]$	m
r_w		Borehole, well or soil pipe radius in test section.	$[L]$	m
r_{we}		Effective borehole, well or soil pipe radius in test section. (Consideration taken to skin factor)	$[L]$	m
r_s		Distance from test section to observation section, the shortest distance.	$[L]$	m
r_t		Distance from test section to observation section, the interpreted shortest distance via conductive structures.	$[L]$	m
r_D		Dimensionless radius, $r_D=r/r_w$	-	-
Z		Level above reference point	$[L]$	m
Z_r		Level for reference point on borehole	$[L]$	m
Z_{wu}		Level for test section (section that is being flowed), upper limitation	$[L]$	m
Z_{wl}		Level for test section (section that is being flowed), lower limitation	$[L]$	m
Z_{ws}		Level for sensor that measures response in test section (section that is flowed)	$[L]$	m
Z_{ou}		Level for observation section, upper limitation	$[L]$	m
Z_{ol}		Level for observation section, lower limitation	$[L]$	m
Z_{os}		Level for sensor that measures response in observation section	$[L]$	m
E		Evaporation: hydrological budget:	$[L^3/(T L^2)]$ $[L^3/T]$	$mm/y,$ $mm/d,$ m^3/s
ET		Evapotranspiration hydrological budget:	$[L^3/(T L^2)]$ $[L^3/T]$	$mm/y,$ $mm/d,$ m^3/s
P		Precipitation hydrological budget:	$[L^3/(T L^2)]$ $[L^3/T]$	$mm/y,$ $mm/d,$ m^3/s
R		Groundwater recharge hydrological budget:	$[L^3/(T L^2)]$ $[L^3/T]$	$mm/y,$ $mm/d,$ m^3/s
D		Groundwater discharge hydrological budget:	$[L^3/(T L^2)]$ $[L^3/T]$	$mm/y,$ $mm/d,$ m^3/s
Q_R		Run-off rate	$[L^3/T]$	m^3/s
Q_p		Pumping rate	$[L^3/T]$	m^3/s
Q_i		Infiltration rate	$[L^3/T]$	m^3/s
Q		Volumetric flow. Corrected flow in flow logging ($Q_1 - Q_0$) (Flow rate)	$[L^3/T]$	m^3/s
Q_0		Flow in test section during undisturbed conditions (flow logging).	$[L^3/T]$	m^3/s
Q_p		Flow in test section immediately before stop of flow. Stabilised pump flow in flow logging.	$[L^3/T]$	m^3/s
Q_m		Arithmetical mean flow during perturbation phase.	$[L^3/T]$	m^3/s
Q_1		Flow in test section during pumping with pump flow Q_{p1} , (flow	$[L^3/T]$	m^3/s

		logging).		
Q_2		Flow in test section during pumping with pump flow Q_{p1} , (flow logging).	$[L^3/T]$	m^3/s
ΣQ	SumQ	Cumulative volumetric flow along borehole	$[L^3/T]$	m^3/s
ΣQ_0	SumQ0	Cumulative volumetric flow along borehole, undisturbed conditions (ie, not pumped)	$[L^3/T]$	m^3/s
ΣQ_1	SumQ1	Cumulative volumetric flow along borehole, with pump flow Q_{p1}	$[L^3/T]$	m^3/s
ΣQ_2	SumQ2	Cumulative volumetric flow along borehole, with pump flow Q_{p2}	$[L^3/T]$	m^3/s
ΣQ_{C1}	SumQC1	Corrected cumulative volumetric flow along borehole, $\Sigma Q_1 - \Sigma Q_0$	$[L^3/T]$	m^3/s
ΣQ_{C2}	SumQC2	Corrected cumulative volumetric flow along borehole, $\Sigma Q_2 - \Sigma Q_0$	$[L^3/T]$	m^3/s
q		Volumetric flow per flow passage area (Specific discharge (Darcy velocity, Darcy flux, Filtration velocity)).	$[(L^3/T \cdot L^2)]$	m/s
V		Volume	$[L^3]$	m^3
V_w		Water volume in test section.	$[L^3]$	m^3
V_p		Total water volume injected/pumped during perturbation phase.	$[L^3]$	m^3
v		Velocity	$[(L^3/T \cdot L^2)]$	m/s
v_a		Mean transport velocity (Average linear velocity (Average linear groundwater velocity, Mean microscopic velocity)); $v_a = q/n_e$	$[(L^3/T \cdot L^2)]$	m/s
t		Time	$[T]$	hour, m in, s
t_0		Duration of rest phase before perturbation phase.	$[T]$	s
t_p		Duration of perturbation phase. (from flow start as far as p_p).	$[T]$	s
t_F		Duration of recovery phase (from p_p to p_F).	$[T]$	s
t_1, t_2 etc		Times for various phases during a hydro test.	$[T]$	hour, m in, s
dt		Running time from start of flow phase and recovery phase respectively.	$[T]$	s
dt_e		$dt_e = (dt \cdot t_p) / (dt + t_p)$ Agarwal equivalent time with dt as running time for recovery phase.	$[T]$	s
t_D		$t_D = T \cdot t / (S \cdot r_w^2)$. Dimensionless time	-	-
p		Static pressure; including non-dynamic pressure which depends on water velocity. Dynamic pressure is normally ignored in estimating the potential in groundwater flow relations.	$[M/(LT)^2]$	kPa
p_a		Atmospheric pressure	$[M/(LT)^2]$	kPa
p_t		Absolute pressure; $p_t = p_a + p_g$	$[M/(LT)^2]$	kPa
p_g		Gauge pressure; Difference between absolute pressure and atmospheric pressure.	$[M/(LT)^2]$	kPa
p_0		Initial pressure before test begins, prior to packer expansion.	$[M/(LT)^2]$	kPa
p_i		Pressure in measuring section before start of flow.	$[M/(LT)^2]$	kPa
p_f		Pressure during perturbation phase.	$[M/(LT)^2]$	kPa
p_s		Pressure during recovery.	$[M/(LT)^2]$	kPa
p_p		Pressure in measuring section before flow stop.	$[M/(LT)^2]$	kPa
p_F		Pressure in measuring section at end of recovery.	$[M/(LT)^2]$	kPa
p_D		$p_D = 2\pi \cdot T \cdot p / (Q \cdot \rho_w g)$, Dimensionless pressure	-	-
dp		Pressure difference, drawdown of pressure surface between two points of time.	$[M/(LT)^2]$	kPa
dp_f		$dp_f = p_i - p_f$ or $p_f - p_i$, drawdown/pressure increase of pressure surface between two points of time during perturbation phase. dp_f usually expressed positive.	$[M/(LT)^2]$	kPa
dp_s		$dp_s = p_s - p_p$ or $p_p - p_s$, pressure increase/drawdown of pressure surface between two points of time during recovery phase. dp_s usually expressed positive.	$[M/(LT)^2]$	kPa
dp_p		$dp_p = p_i - p_p$ or $p_p - p_i$, maximal pressure increase/drawdown of pressure surface between two points of time during perturbation phase. dp_p expressed positive.	$[M/(LT)^2]$	kPa
dp_F		$dp_F = p_p - p_F$ or $p_F - p_p$, maximal pressure increase/drawdown of pressure surface between two points of time during recovery phase. dp_F expressed positive.	$[M/(LT)^2]$	kPa
H		Total head; (potential relative a reference level) (indication of h	$[L]$	m

		for phase as for p). $H=h_e+h_p+h_v$		
h		Groundwater pressure level (hydraulic head (piezometric head; possible to use for level observations in boreholes, static head)); (indication of h for phase as for p). $h=h_e+h_p$	[L]	m
h_e		Height of measuring point (Elevation head); Level above reference level for measuring point.	[L]	m
h_p		Pressure head; Level above reference level for height of measuring point of stationary column of water giving corresponding static pressure at measuring point	[L]	m
h_v		Velocity head; height corresponding to the lifting for which the kinetic energy is capable (usually neglected in hydrogeology)	[L]	m
s		Drawdown; Drawdown from undisturbed level (same as dh_p , positive)	[L]	m
s_p		Drawdown in measuring section before flow stop.	[L]	m
			[L]	
h_0		Initial above reference level before test begins, prior to packer expansion.	[L]	m
h_i		Level above reference level in measuring section before start of flow.	[L]	m
h_f		Level above reference level during perturbation phase.	[L]	m
h_s		Level above reference level during recovery phase.	[L]	m
h_p		Level above reference level in measuring section before flow stop.	[L]	m
h_F		Level above reference level in measuring section at end of recovery.	[L]	m
dh		Level difference, drawdown of water level between two points of time.	[L]	m
dh_f		$dh_f = h_i - h_f$ or $= h_f - h_i$, drawdown/pressure increase of pressure surface between two points of time during perturbation phase. dh_f usually expressed positive.	[L]	m
dh_s		$dh_s = h_s - h_p$ or $= h_p - h_s$, pressure increase/drawdown of pressure surface between two points of time during recovery phase. dh_s usually expressed positive.	[L]	m
dh_p		$dh_p = h_i - h_p$ or $= h_p - h_i$, maximal pressure increase/drawdown of pressure surface between two points of time during perturbation phase. dh_p expressed positive.	[L]	m
dh_F		$dh_F = h_p - h_F$ or $= h_F - h_p$, maximal pressure increase/drawdown of pressure surface between two points of time during perturbation phase. dh_F expressed positive.	[L]	m
Te_w		Temperature in the test section (taken from temperature logging). Temperature		°C
Te_{w0}		Temperature in the test section during undisturbed conditions (taken from temperature logging). Temperature		°C
Te_o		Temperature in the observation section (taken from temperature logging). Temperature		°C
EC_w		Electrical conductivity of water in test section.		mS/m
EC_{w0}		Electrical conductivity of water in test section during undisturbed conditions.		mS/m
EC_o		Electrical conductivity of water in observation section		mS/m
TDS_w		Total salinity of water in the test section.	[M/L ³]	mg/L
TDS_{w0}		Total salinity of water in the test section during undisturbed conditions.	[M/L ³]	mg/L
TDS_o		Total salinity of water in the observation section.	[M/L ³]	mg/L
g		Constant of gravitation (9.81 m*s ⁻²) (Acceleration due to gravity)	[L/T ²]	m/s ²
π	pi	Constant (approx 3.1416).	[-]	
r		Residual. $r = p_c - p_m$, $r = h_c - h_m$, etc. Difference between measured data (p_m , h_m , etc) and estimated data (p_c , h_c , etc)		
ME		Mean error in residuals. $ME = \frac{1}{n} \sum_{i=1}^n r_i$		
NME		Normalized ME. $NME = ME / (x_{MAX} - x_{MIN})$, x: measured variable		

		considered.		
MAE		Mean absolute error. $MAE = \frac{1}{n} \sum_{i=1}^n r_i $		
NMAE		Normalized MAE. $NMAE = MAE / (x_{MAX} - x_{MIN})$, x: measured variable considered.		
RMS		Root mean squared error. $RMS = \left(\frac{1}{n} \sum_{i=1}^n r_i^2 \right)^{0.5}$		
NRMS		Normalized RMR. $NRMR = RMR / (x_{MAX} - x_{MIN})$, x: measured variable considered.		
SDR		Standard deviation of residual. $SDR = \left(\frac{1}{n-1} \sum_{i=1}^n (r_i - ME)^2 \right)^{0.5}$		
SEMR		Standard error of mean residual. $SEMR = \left(\frac{1}{n(n-1)} \sum_{i=1}^n (r_i - ME)^2 \right)^{0.5}$		
Parameters				
Q/s		Specific capacity $s = dp_p$ or $s = s_p = h_0 - h_p$ (open borehole)	[L ² /T]	m ² /s
D		Interpreted flow dimension according to Barker, 1988.	[-]	-
dt ₁		Time of starting for semi-log or log-log evaluated characteristic counted from start of flow phase and recovery phase respectively.	[T]	s
dt ₂		End of time for semi-log or log-log evaluated characteristic counted from start of flow phase and recovery phase respectively.	[T]	s
dt _L		Response time to obtain 0.1 m (or 1 kPa) drawdown in observation section counted from start of recovery phase.	[T]	s
TB		Flow capacity in a one-dimensional structure of width B and transmissivity T. Transient evaluation of one-dimensional structure	[L ³ /T]	m ³ /s
T		Transmissivity	[L ² /T]	m ² /s
T _M		Transmissivity according to Moye (1967)	[L ² /T]	m ² /s
T _Q		Evaluation based on Q/s and regression curve between Q/s and T, as example see Rhén et al (1997) p. 190.	[L ² /T]	m ² /s
T _S		Transmissivity evaluated from slug test	[L ² /T]	m ² /s
T _D		Transmissivity evaluated from PFL-Difference Flow Meter	[L ² /T]	m ² /s
T _I		Transmissivity evaluated from Impeller flow log	[L ² /T]	m ² /s
T _{Sf} , T _{Lf}		Transient evaluation based on semi-log or log-log diagram for perturbation phase in injection or pumping.	[L ² /T]	m ² /s
T _{Ss} , T _{Ls}		Transient evaluation based on semi-log or log-log diagram for recovery phase in injection or pumping.	[L ² /T]	m ² /s
T _T		Transient evaluation (log-log or lin-log). Judged best evaluation of T _{Sf} , T _{Lf} , T _{Ss} , T _{Ls}	[L ² /T]	m ² /s
T _{NLR}		Evaluation based on non-linear regression.	[L ² /T]	m ² /s
T _{Tot}		Judged most representative transmissivity for particular test section and (in certain cases) evaluation time with respect to available data (made by SKB at a later stage).	[L ² /T]	m ² /s
K		Hydraulic conductivity	[L/T]	m/s
K _s		Hydraulic conductivity based on spherical flow model	[L/T]	m/s
K _m		Hydraulic conductivity matrix, intact rock	[L/T]	m/s
k		Intrinsic permeability	[L ²]	m ²

kb		Permeability-thickness product: $kb=k \cdot b$	[L ³]	m ³
SB		Storage capacity in a one-dimensional structure of width B and storage coefficient S. Transient evaluation of one-dimensional structure	[L]	m
SB*		Assumed storage capacity in a one-dimensional structure of width B and storage coefficient S. Transient evaluation of one-dimensional structure	[L]	m
S		Storage coefficient, (Storativity)	[-]	-
S*		Assumed storage coefficient	[-]	-
S _y		Theoretical specific yield of water (Specific yield; unconfined storage. Defined as total porosity (n) minus retention capacity (S _r))	[-]	-
S _{ya}		Specific yield of water (Apparent specific yield); unconfined storage, field measuring. Corresponds to volume of water achieved on draining saturated soil or rock in free draining of a volumetric unit. $S_{ya}=S_y$ (often called S _y in literature)	[-]	-
S _r		Specific retention capacity, (specific retention of water, field capacity) (Specific retention); unconfined storage. Corresponds to water volume that the soil or rock has left after free draining of saturated soil or rock.	[-]	-
S _f		Fracture storage coefficient	[-]	-
S _m		Matrix storage coefficient	[-]	-
S _{NLR}		Storage coefficient, evaluation based on non-linear regression	[-]	-
S _{Tot}		Judged most representative storage coefficient for particular test section and (in certain cases) evaluation time with respect to available data (made by SKB at a later stage).	[-]	-
S _s		Specific storage coefficient; confined storage.	[1/L]	1/m
S _s *		Assumed specific storage coefficient; confined storage.	[1/L]	1/m
c _f		Hydraulic resistance: The hydraulic resistance is an aquitard with a flow vertical to a two-dimensional formation. The inverse of c is also called Leakage coefficient. $c_f=b' / K'$ where b' is thickness of the aquitard and K' its hydraulic conductivity across the aquitard.	[T]	s
L _f		Leakage factor: $L_f=(K \cdot b \cdot c_f)^{0.5}$ where K represents characteristics of the aquifer.	[L]	m
ξ	Skin	Skin factor	[-]	-
ξ*	Skin	Assumed skin factor	[-]	-
C		Wellbore storage coefficient	[(LT ²)·M ²]	m ³ /Pa
C _D		$C_D = C \cdot \rho_w g / (2\pi \cdot S \cdot r_w^2)$, Dimensionless wellbore storage coefficient	[-]	-
ω	Stor-ratio	$\omega = S_f / (S_f + S_m)$, storage ratio (Storativity ratio); the ratio of storage coefficient between that of the fracture and total storage.	[-]	-
λ	Interflow-coeff	$\lambda = \alpha \cdot (K_m / K_f) \cdot r_w^2$ interporosity flow coefficient.	[-]	-
T _{GRF}		Transmissivity interpreted using the GRF method	[L ² /T]	m ² /s
S _{GRF}		Storage coefficient interpreted using the GRF method	[1/L]	1/m
D _{GRF}		Flow dimension interpreted using the GRF method	[-]	-
c _w		Water compressibility; corresponding to β in hydrogeological literature.	[(LT ²)/M]	1/Pa
c _r		Pore-volume compressibility, (rock compressibility); Corresponding to α/n in hydrogeological literature.	[(LT ²)/M]	1/Pa

c_t		$c_t = c_r + c_w$, total compressibility; compressibility per volumetric unit of rock obtained through multiplying by the total porosity, n . (Presence of gas or other fluids can be included in c_t if the degree of saturation (volume of respective fluid divided by n) of the pore system of respective fluid is also included)	$[(LT^2)/M]$	1/Pa
nc_t		Porosity-compressibility factor: $nc_t = n \cdot c_t$	$[(LT^2)/M]$	1/Pa
$nc_t \cdot b$		Porosity-compressibility-thickness product: $nc_t \cdot b = n \cdot c_t \cdot b$	$[(L^2T^2)/M]$	m/Pa
n		Total porosity	-	-
n_e		Kinematic porosity, (Effective porosity)	-	-
e		Transport aperture. $e = n_e \cdot b$	[L]	m
ρ	Density	Density	$[M/L^3]$	$kg/(m^3)$
ρ_w	Density-w	Fluid density in measurement section during pumping/injection	$[M/L^3]$	$kg/(m^3)$
ρ_o	Density-o	Fluid density in observation section	$[M/L^3]$	$kg/(m^3)$
ρ_{sp}	Density-sp	Fluid density in standpipes from measurement section	$[M/L^3]$	$kg/(m^3)$
μ	my	Dynamic viscosity	$[M/LT]$	Pa s
μ_w	my	Dynamic viscosity (Fluid density in measurement section during pumping/injection)	$[M/LT]$	Pa s
FC_T		Fluid coefficient for intrinsic permeability, transference of k to K ; $K = FC_T \cdot k$; $FC_T = \rho_w \cdot g / \mu_w$	[1/LT]	1/(ms)
FC_S		Fluid coefficient for porosity-compressibility, transference of c_t to S_s ; $S_s = FC_S \cdot n \cdot c_t$; $FC_S = \rho_w \cdot g$	$[M/T^2L^2]$	Pa/m
Index on K, T and S				
S		S: semi-log		
L		L: log-log		
f		Pump phase or injection phase, designation following S or L (withdrawal)		
s		Recovery phase, designation following S or L (recovery)		
NLR		NLR: Non-linear regression. Performed on the entire test sequence, perturbation and recovery		
M		Moye		
GRF		Generalised Radial Flow according to Barker (1988)		
m		Matrix		
f		Fracture		
measl		Measurement limit. Estimated measurement limit on parameter being measured (T or K)		
T		Judged best evaluation based on transient evaluation.		
Tot		Judged most representative parameter for particular test section and (in certain cases) evaluation time with respect to available data (made by SKB at a later stage).		
b		Bloch property in a numerical groundwater flow model		
e		Effective property (constant) within a domain in a numerical groundwater flow model.		
Index on p and Q				
0		Initial condition, undisturbed condition in open holes		
i		Natural, "undisturbed" condition of formation parameter		
f		Pump phase or injection phase (withdrawal, flowing phase)		
s		Recovery, shut-in phase		
p		Pressure or flow in measuring section at end of perturbation period		
F		Pressure in measuring section at end of recovery period.		
m		Arithmetical mean value		
c		Estimated value. The index is placed last if index for "where" and "what" are used. Simulated value		
m		Measured value. The index is placed last if index for "where" and "what" are used. Measured value		
Some miscellaneous indexes on p and h				
w		Test section (final difference pressure during flow phase in test section can be expressed dp_{wp} ; First index shows "where" and second index shows "what")		
o		Observation section (final difference pressure during flow phase in observation section can be expressed dp_{op} ; First index		

		shows "where" and second index shows "what")		
f		Fresh-water head. Water is normally pumped up from section to measuring hoses where pressure and level are observed. Density of the water is therefore approximately the same as that of the measuring section. Measured groundwater level is therefore normally represented by what is defined as point-water head. If pressure at the measuring level is recalculated to a level for a column of water with density of fresh water above the measuring point it is referred to as fresh-water head and h is indicated last by an f. Observation section (final level during flow phase in observation section can be expressed h_{opf} ; the first index shows "where" and the second index shows "what" and the last one "recalculation")		

APPENDIX 5

SICADA data tables

(Pump tests)

Table	plu_s_hole_test_d		
	PLU Injection and pumping, General information		
Column	Datatype	Unit	Column Description
site	CHAR		Investigation site name
activity_type	CHAR		Activity type code
start_date	DATE		Date (yymmdd hh:mm:ss)
stop_date	DATE		Date (yymmdd hh:mm:ss)
project	CHAR		project code
idcode	CHAR		Object or borehole identification code
secup	FLOAT	m	Upper section limit (m)
seclow	FLOAT	m	Lower section limit (m)
section_no	INTEGER	number	Section number
test_type	CHAR		Test type code (1-7), see table description
formation_type	CHAR		1: Rock, 2: Soil (superficial deposits)
start_flow_period	DATE	yyyymmdd	Date & time of pumping/injection start (YYYY-MM-DD hh:mm:ss)
stop_flow_period	DATE	yyyymmdd	Date & time of pumping/injection stop (YYYY-MM-DD hh:mm:ss)
flow_rate_end_qp	FLOAT	m**3/s	Flow rate at the end of the flowing period
value_type_qp	CHAR		0:true value,-1<lower meas.limit1:>upper meas.limit
mean_flow_rate_qm	FLOAT	m**3/s	Arithmetic mean flow rate during flow period
q_meas_l	FLOAT	m**3/s	Estimated lower measurement limit of flow rate
q_meas_u	FLOAT	m**3/s	Estimated upper measurement limit of flow rate
tot_volume_vp	FLOAT	m**3	Total volume of pumped or injected water
dur_flow_phase_tp	FLOAT	s	Duration of the flowing period of the test
dur_rec_phase_tf	FLOAT	s	Duration of the recovery period of the test
initial_head_hi	FLOAT	m	Hydraulic head in test section at start of the flow period
head_at_flow_end_hp	FLOAT	m	Hydraulic head in test section at stop of the flow period.
final_head_hf	FLOAT	m	Hydraulic head in test section at stop of recovery period.
initial_press_pi	FLOAT	kPa	Groundwater pressure in test section at start of flow period
press_at_flow_end_pp	FLOAT	kPa	Groundwater pressure in test section at stop of flow period.
final_press_pf	FLOAT	kPa	Ground water pressure at the end of the recovery period.
fluid_temp_tew	FLOAT	oC	Measured section fluid temperature, see table description
fluid_elcond_ecw	FLOAT	mS/m	Measured section fluid el. conductivity,see table descr.
fluid_salinity_tds	FLOAT	mg/l	Total salinity of section fluid based on EC,see table descr.
fluid_salinity_tds	FLOAT	mg/l	Tot. section fluid salinity based on water sampling,see...
reference	CHAR		SKB report No for reports describing data and evaluation
comments	VARCHAR		Short comment to data
error_flag	CHAR		If error_flag = "*" then an error occured and an error
in_use	CHAR		If in_use = "*" then the activity has been selected as
sign	CHAR		Activity QA signature
lp	FLOAT	m	Hydraulic point of application

			(m)	(m)				(yyyyymmdd)	(yyyyymmdd)	(m**3/s)		(m**3/s)	(m**3/s)	(m**3/s)	(m**3)
idcode	start_date	stop_date	secup	seclow	section_no	test_type	formation_type	start_flow_period	stop_flow_period	flow_rate_end_qp	value_type_qp	mean_flow_rate_qm	q_meas_l	q_meas_u	tot_volume_vp
KLX08	060830 15:02	060907 07:04	241.00	341.00		1B	1	2006-08-30 15:36:01	2006-09-02 15:50:16	8.50E-05	0	8.46E-05	1.67E-08	8.33E-04	2.20E+01
KLX08	060911 13:47	060918 13:18	357.00	497.00		1B	1	2006-09-11 14:25:33	2006-09-14 14:26:01	5.12E-04	0	5.17E-04	1.67E-08	8.33E-04	1.34E+02
KLX08	060921 16:17	060927 06:16	102.00	242.00		1B	1	2006-09-21 16:48:39	2006-09-24 17:12:03	6.75E-04	0	6.83E-04	1.67E-08	8.33E-04	1.78E+02

	(m)	(m)	(s)	(s)	(m)	(m)	(m)	(kPa)	(kPa)	(kPa)	(oC)	(mS/m)	(mg/l)	(mg/l)			(m)
idcode	secup	seclow	dur_flow_p_hase_tp	dur_rec_phase_tf	initial_head_hi	head_at_flow_end_hp	final_head_hf	initial_press_pi	press_at_flow_end_pp	final_press_pf	fluid_temp_ew	fluid_elcond_ecw	fluid_salinity_tds	fluid_salinity_tds	reference	comments	lp
KLX08	241.00	341.00	260055	400440				2847	2394	2846	11.3						291.00
KLX08	357.00	497.00	259228	345000				4179	4135	4174	13.4						427.00
KLX08	102.00	242.00	260604	219840				2006	1969	2004	10.1						172.00

Table	plu_s_hole_test_ed1		
	PLU Single hole tests, pumping/injection. Basic evaluation		
Column	Datatype	Unit	Column Description
site	CHAR		Investigation site name
activity_type	CHAR		Activity type code
start_date	DATE		Date (yymmdd hh:mm:ss)
stop_date	DATE		Date (yymmdd hh:mm:ss)
project	CHAR		project code
idcode	CHAR		Object or borehole identification code
secup	FLOAT	m	Upper section limit (m)
seclow	FLOAT	m	Lower section limit (m)
section_no	INTEGER	number	Section number
test_type	CHAR		Test type code (1-7), see table description!
formation_type	CHAR		Formation type code. 1: Rock, 2: Soil (superficial deposits)
lp	FLOAT	m	Hydraulic point of application for test section, see descr.
seclen_class	FLOAT	m	Planned ordinary test interval during test campaign.
spec_capacity_q_s	FLOAT	m**2/s	Specific capacity (Q/s) of test section, see table descript.
value_type_q_s	CHAR		0:true value,-1:Q/s<lower meas.limit,1:Q/s>upper meas.limit
transmissivity_tq	FLOAT	m**2/s	Tranmissivity based on Q/s, see table description
value_type_tq	CHAR		0:true value,-1:TQ<lower meas.limit,1:TQ>upper meas.limit.
bc_tq	CHAR		Best choice code. 1 means TQ is best choice of T, else 0
transmissivity_moye	FLOAT	m**2/s	Transmissivity, TM, based on Moye (1967)
bc_tm	CHAR		Best choice code. 1 means Tmoye is best choice of T, else 0
value_type_tm	CHAR		0:true value,-1:TM<lower meas.limit,1:TM>upper meas.limit.
hydr_cond_moye	FLOAT	m/s	K_M: Hydraulic conductivity based on Moye (1967)
formation_width_b	FLOAT	m	b:Aquifer thickness repr. for T(generally b=Lw) ,see descr.
width_of_channel_b	FLOAT	m	B:Inferred width of formation for evaluated TB
tb	FLOAT	m**3/s	TB:Flow capacity in 1D formation of T & width B, see descr.
l_meas_tb	FLOAT	m**3/s	Estimated lower meas. limit for evaluated TB,see description
u_meas_tb	FLOAT	m**3/s	Estimated upper meas. limit of evaluated TB,see description
sb	FLOAT	m	SB:S=storativity,B=width of formation,1D model,see descript.
assumed_sb	FLOAT	m	SB* : Assumed SB,S=storativity,B=width of formation,see...
leakage_factor_lf	FLOAT	m	Lf:1D model for evaluation of Leakage factor
transmissivity_tt	FLOAT	m**2/s	TT:Transmissivity of formation, 2D radial flow model,see...
value_type_tt	CHAR		0:true value,-1:TT<lower meas.limit,1:TT>upper meas.limit,
bc_tt	CHAR		Best choice code. 1 means TT is best choice of T, else 0
l_meas_q_s	FLOAT	m**2/s	Estimated lower meas. limit for evaluated TT,see table descr
u_meas_q_s	FLOAT	m**2/s	Estimated upper meas. limit for evaluated TT,see description
storativity_s	FLOAT		S:Storativity of formation based on 2D rad flow,see descr.
assumed_s	FLOAT		Assumed Storativity,2D model evaluation,see table descr.
s_bc	FLOAT		Best choice of S (Storativity) ,see descr.
ri	FLOAT	m	Radius of influence
ri_index	CHAR		ri index=index of radius of influence :-1,0 or 1, see descr.
leakage_coeff	FLOAT	1/s	K'/b':2D rad flow model evaluation of leakage coeff,see desc
hydr_cond_ksf	FLOAT	m/s	Ksf:3D model evaluation of hydraulic conductivity,see desc.
value_type_ksf	CHAR		0:true value,-1:Ksf<lower meas.limit,1:Ksf>upper meas.limit.
l_meas_ksf	FLOAT	m/s	Estimated lower meas.limit for evaluated Ksf,see table desc.
u_meas_ksf	FLOAT	m/s	Estimated upper meas.limit for evaluated Ksf,see table descr
spec_storage_ssf	FLOAT	1/m	Ssf:Specific storage,3D model evaluation,see table descr.
assumed_ssf	FLOAT	1/m	Ssf*:Assumed Spec.storage,3D model evaluation,see table des.
c	FLOAT	m**3/pa	C: Wellbore storage coefficient; flow or recovery period
cd	FLOAT		CD: Dimensionless wellbore storage coefficient
skin	FLOAT		Skin factor;best estimate of flow/recovery period,see descr.
dt1	FLOAT	s	Estimated start time of evaluation, see table description
dt2	FLOAT	s	Estimated stop time of evaluation. see table description
t1	FLOAT	s	Start time for evaluated parameter from start flow period
t2	FLOAT	s	Stop time for evaluated parameter from start of flow period
dte1	FLOAT	s	Start time for evaluated parameter from start of recovery
dte2	FLOAT	s	Stop time for evaluated parameter from start of recovery
p_horner	FLOAT	kPa	p*:Horner extrapolated pressure, see table description
transmissivity_t_nlr	FLOAT	m**2/s	T_NLR Transmissivity based on None Linear Regression...
storativity_s_nlr	FLOAT		S_NLR=storativity based on None Linear Regression,see..
value_type_t_nlr	CHAR		0:true value,-1:T_NLR<lower meas.limit,1:>upper meas.limit
bc_t_nlr	CHAR		Best choice code. 1 means T_NLR is best choice of T, else 0
c_nlr	FLOAT	m**3/pa	Wellbore storage coefficient, based on NLR, see descr.
cd_nlr	FLOAT		Dimensionless wellbore storage constant, see table descrip.
skin_nlr	FLOAT		Skin factor based on Non Linear Regression,see desc.
transmissivity_t_grf	FLOAT	m**2/s	T_GRF:Transmissivity based on Generalized Radial Flow,see...
value_type_t_grf	CHAR		0:true value,-1:T_GRF<lower meas.limit,1:>upper meas.limit
bc_t_grf	CHAR		Best choice code. 1 means T_GRF is best choice of T, else 0
storativity_s_grf	FLOAT		S_GRF:Storativity based on Generalized Radial Flow, see des.
flow_dim_grf	FLOAT		Inferred flow dimesion based on Generalized Rad. Flow model
comment	VARCHAR	no_unit	Short comment to the evaluated parameters
error_flag	CHAR		If error_flag = "" then an error occured and an error
in_use	CHAR		If in_use = "" then the activity has been selected as
sign	CHAR		Activity QA signature

Borehole: KLX08		
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APPENDIX 6

Index calculation

Borehole: KLX08		
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APPENDIX 6-1

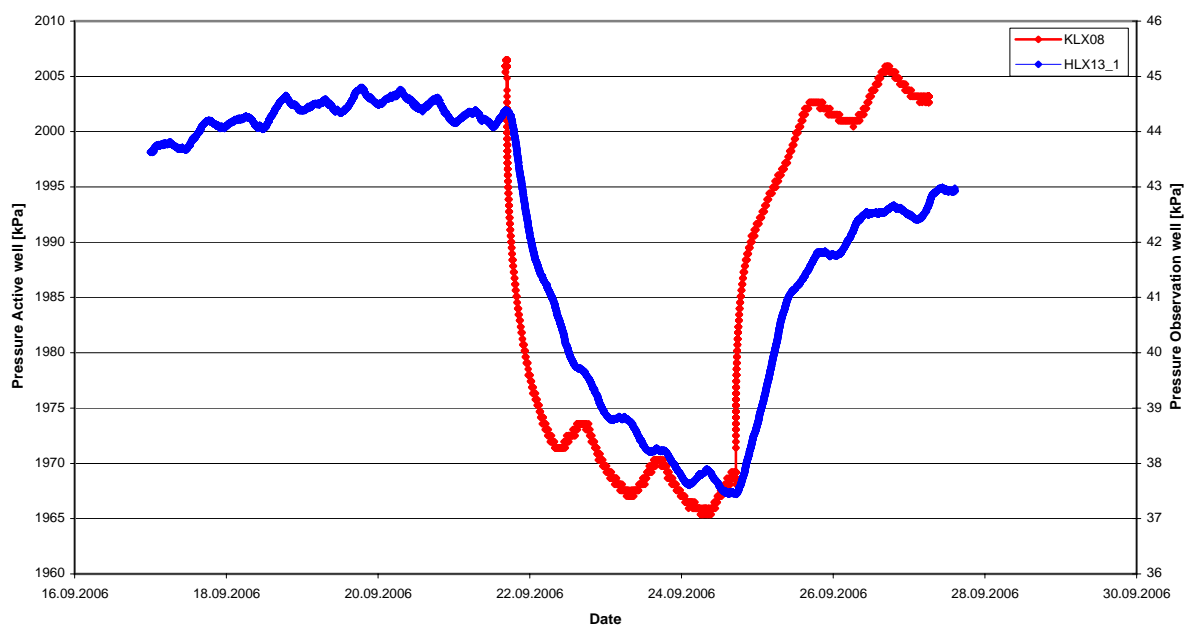
Index calculation

KLX08 Section 102.00 – 242.00 m pumped

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX11	Section no.:	HLX11_1
		Section length:	17.00-70.00
Distance r_s [m]:	1032,10	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,1
Pressure in test section before stop of flowing:	p_p	kPa	85,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX11	Section no.:	HLX11_2
		Section length:	6.00-16.00
Distance r_s [m]:	1032,10	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,5
Pressure in test section before stop of flowing:	p_p	kPa	85,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
		* see comment	
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX13	Section no.:	HLX13_1
		Section length:	12.00-200.2
Distance r_s [m]:	475,40	max. Drawdown s_p [m]:*	0,70
Response time dt_L [s]:	3672		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	44,4
Pressure in test section before stop of flowing:	p_p	kPa	37,5
Maximum pressure change during flowing period:*	dp_p	kPa	6,9
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):		61,55
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):		1042,02
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):		6423,18
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX14	Section no.:	HLX14_1
		Section length:	12.00-115.90
Distance r_s [m]:	416,10	max. Drawdown s_p [m]:*	1,20
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	10,3
Pressure in test section before stop of flowing:	p_p	kPa	-1,5
Maximum pressure change during flowing period:*	dp_p	kPa	11,8
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1782,01	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	10747,1	
			* see comment
Comment:	clear response due to pumping in source pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)		

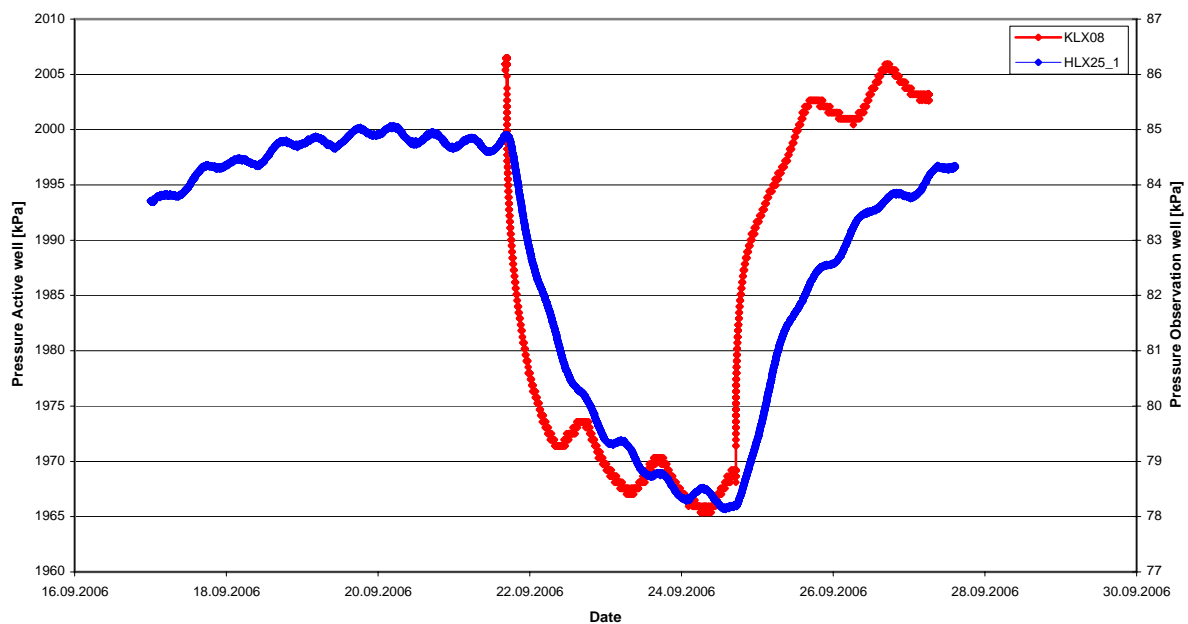
Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX23	Section no.:	HLX23_1
		Section length:	61.00-160.20
Distance r_s [m]:	872,80	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,4
Pressure in test section before stop of flowing:	p_p	kPa	98,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,6
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX23	Section no.:	HLX23_2
		Section length:	6.10-60.00
Distance r_s [m]:	869,50	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	98,5
Pressure in test section before stop of flowing:	p_p	kPa	98,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

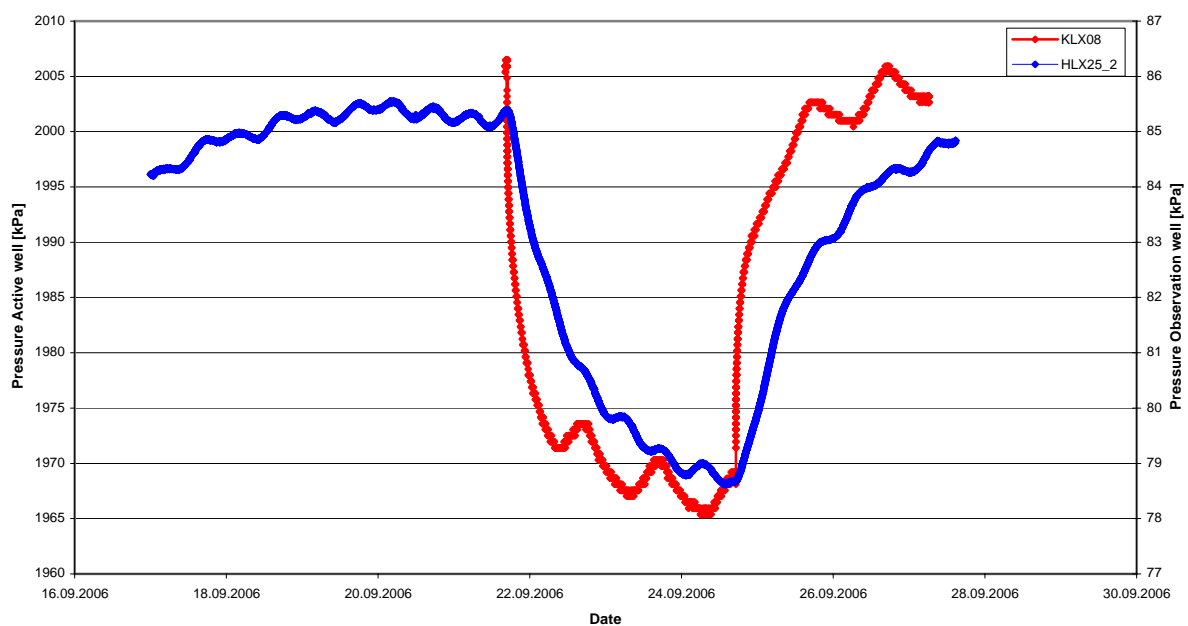
Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX24	Section no.:	HLX24_1
		Section length:	41.00-175.20
Distance r_s [m]:	834,00	max. Drawdown s_p [m]:*	0,07
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,7
Pressure in test section before stop of flowing:	p_p	kPa	99,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,7
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX24	Section no.:	HLX24_2
		Section length:	9.10-40.00
Distance r_s [m]:	878,60	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	98,8
Pressure in test section before stop of flowing:	p_p	kPa	98,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,4
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

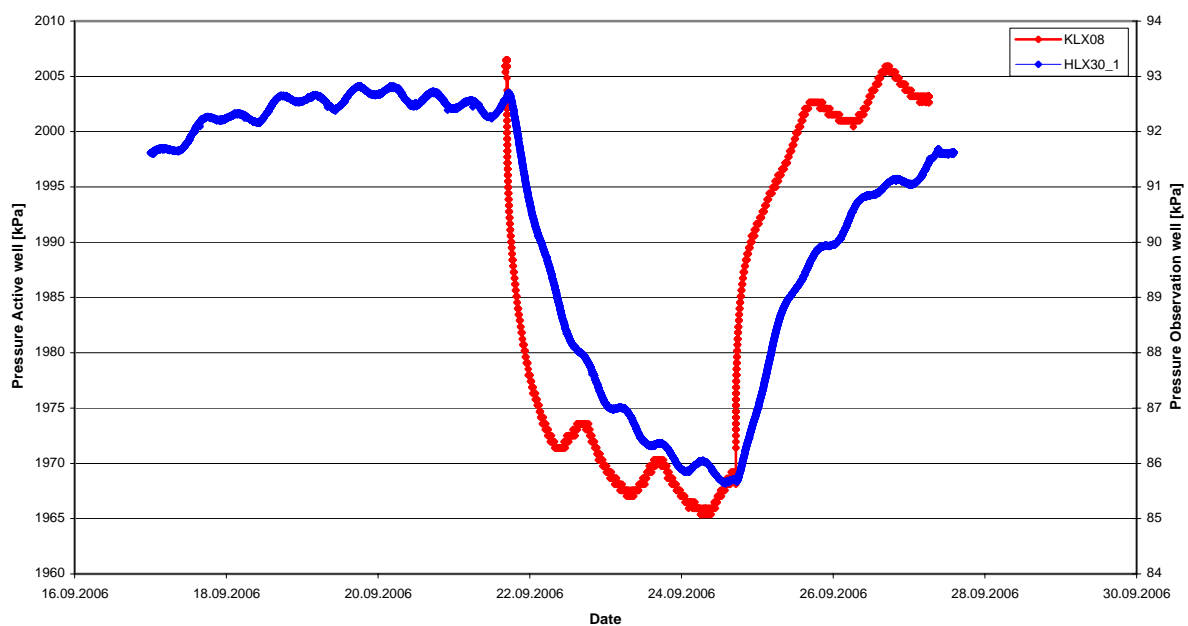
Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX25	Section no.:	HLX25_1
		Section length:	61.00-202.50
Distance r_s [m]:	370,30	max. Drawdown s_p [m]:*	0,68
Response time dt_L [s]:	3515		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	84,9
Pressure in test section before stop of flowing:	p_p	kPa	78,2
Maximum pressure change during flowing period:*	dp_p	kPa	6,7
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	39,01	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1011,82	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	5984,2		
			* see comment
Comment:	clear response due to pumping in source		



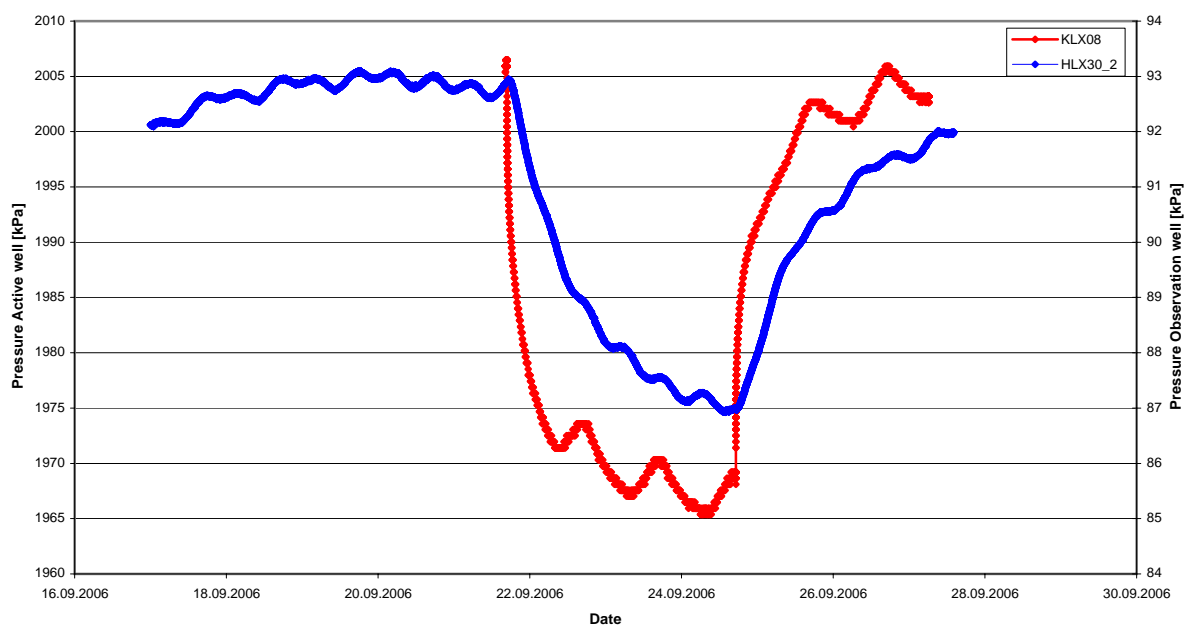
Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX25	Section no.:	HLX25_2
		Section length:	6.12-60.00
Distance r_s [m]:	421,40	max. Drawdown s_p [m]:*	0,68
Response time dt_L [s]:	3515		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,4
Pressure in test section before stop of flowing:	p_p	kPa	78,7
Maximum pressure change during flowing period:*	dp_p	kPa	6,7
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	50,52	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1011,82	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	6115,0		
			* see comment
Comment:	clear response due to pumping in source		



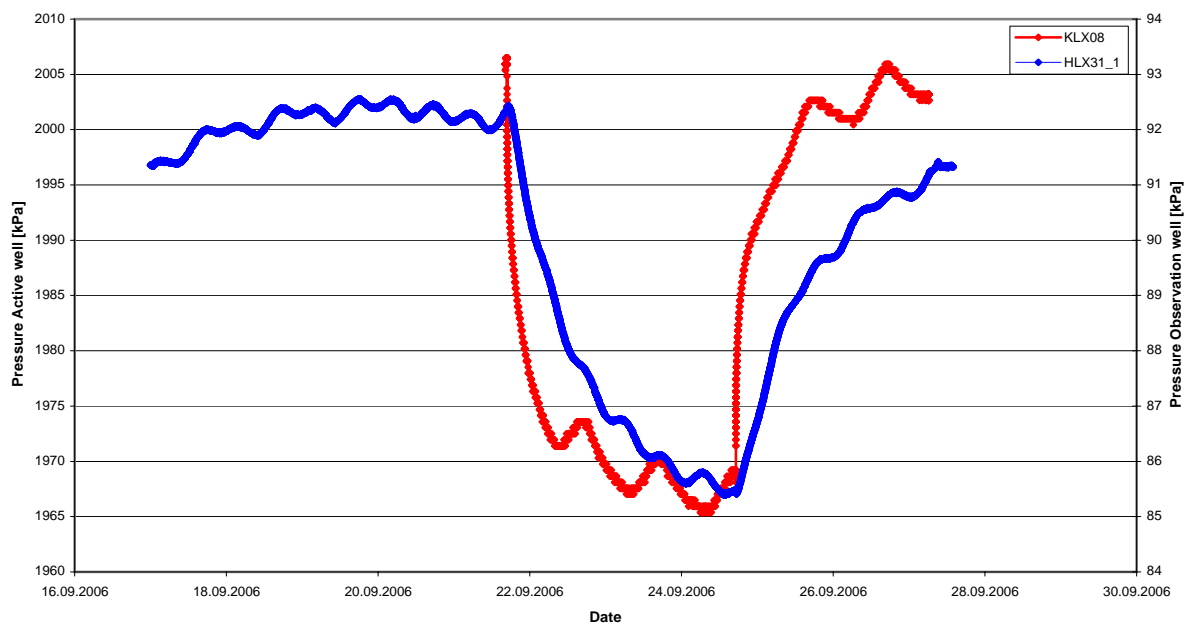
Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX30	Section no.:	HLX30_1
		Section length:	101.00-163.40
Distance r_s [m]:	244,90	max. Drawdown s_p [m]:*	0,70
Response time dt_L [s]:	3507		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,6
Pressure in test section before stop of flowing:	p_p	kPa	85,7
Maximum pressure change during flowing period:*	dp_p	kPa	6,9
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):		17,10
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):		1042,02
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):		5732,0
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX30	Section no.:	HLX30_2
		Section length:	9.10-100.0
Distance r_s [m]:	266,90	max. Drawdown s_p [m]:*	0,60
Response time dt_L [s]:	5221		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,9
Pressure in test section before stop of flowing:	p_p	kPa	87,0
Maximum pressure change during flowing period:*	dp_p	kPa	5,9
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	13,64	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	891,00	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	4977,9		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX31	Section no.:	HLX31_1
		Section length:	9.10-133.20
Distance r_s [m]:	263,20	max. Drawdown s_p [m]:*	0,70
Response time dt_L [s]:	3306		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,4
Pressure in test section before stop of flowing:	p_p	kPa	85,5
Maximum pressure change during flowing period:*	dp_p	kPa	6,9
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	20,95	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1042,02	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	5807,1		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	HLX33	Section no.:	HLX33_1
		Section length:	31.00-202.10
Distance r_s [m]:	633,20	max. Drawdown s_p [m]:*	0,10
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,2
Pressure in test section before stop of flowing:	p_p	kPa	98,2
Maximum pressure change during flowing period:*	dp_p	kPa	1,0

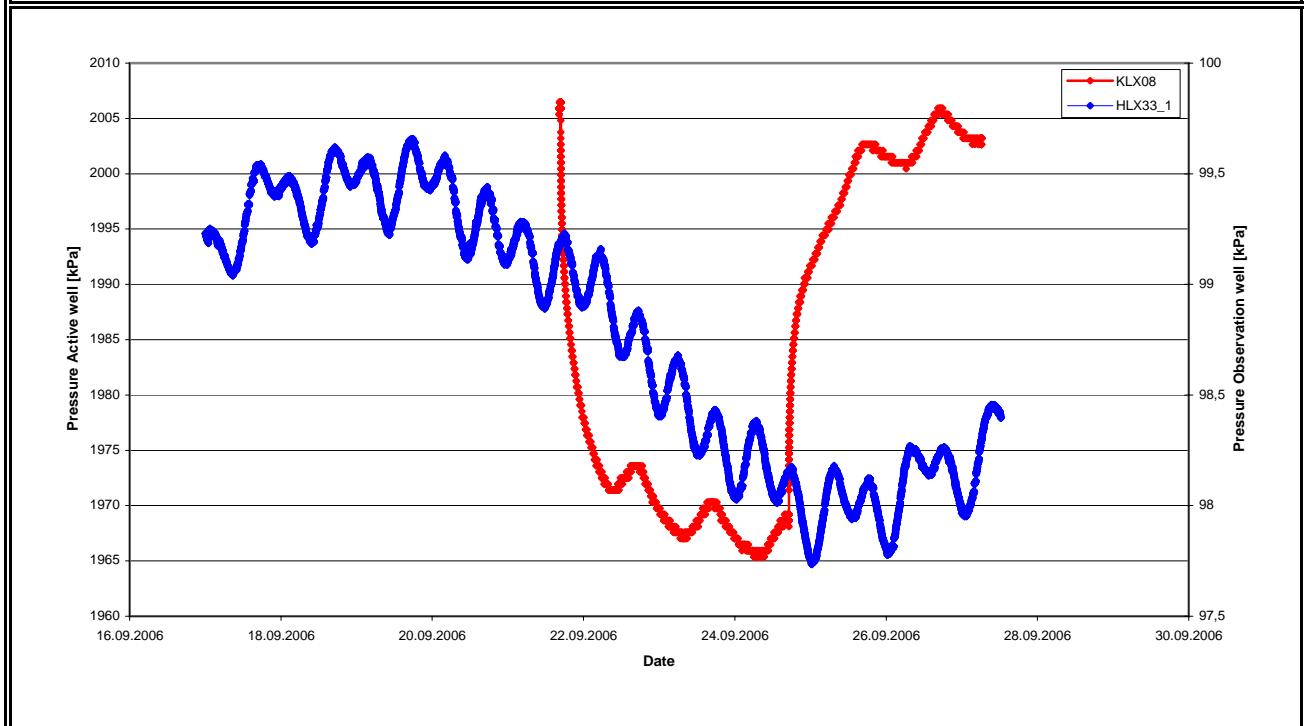
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no clear response due to pumping in source
pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 102.00-242.00
 Test Start: 21.09.2006 16:16 Test Stop: 27.09.2006 06:15
 Pump Start: 21.09.2006 16:48 Pump Stop: 24.09.2006 17:11
 Flow Rate Q_p [m³/s]: 6,75E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole: HLX33 Section no.: HLX33_2
 Section length: 9.10-30.00
 Distance r_s [m]: 675,40 max. Drawdown s_p [m]:* 0,07
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,2
Pressure in test section before stop of flowing:	p_p	kPa	98,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,7

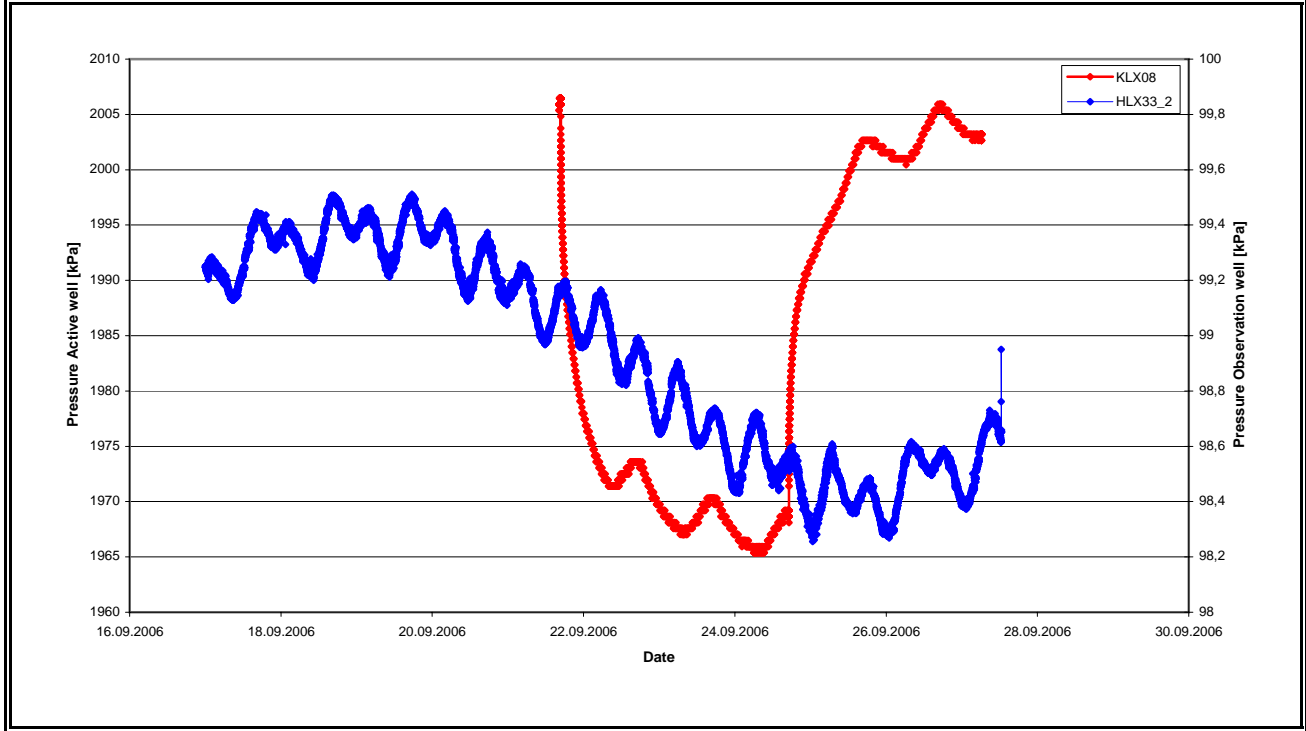
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX34	Section no.:	HLX34_1
		Section length:	9.10-151.80
Distance r_s [m]:	691,70	max. Drawdown s_p [m]:*	0,19
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	120,6
Pressure in test section before stop of flowing:	p_p	kPa	118,7
Maximum pressure change during flowing period:*	dp_p	kPa	1,9
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX35	Section no.:	HLX35_1
		Section length:	65.00-151.80
Distance r_s [m]:	669,70	max. Drawdown s_p [m]:*	0,18
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	111,7
Pressure in test section before stop of flowing:	p_p	kPa	109,9
Maximum pressure change during flowing period:*	dp_p	kPa	1,8
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	HLX35	Section no.:	HLX35_2
		Section length:	6.10-64.00
Distance r_s [m]:	728,50	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	106,9
Pressure in test section before stop of flowing:	p_p	kPa	106,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX02	Section no.:	KLX02_1
		Section length:	1165.00-1700.00
Distance r_s [m]:	1674,00	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	69,8
Pressure in test section before stop of flowing:	p_p	kPa	69,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX02	Section no.:	KLX02_2
		Section length:	1145.00-1164.00
Distance r_s [m]:	1475,40	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	54,3
Pressure in test section before stop of flowing:	p_p	kPa	54,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

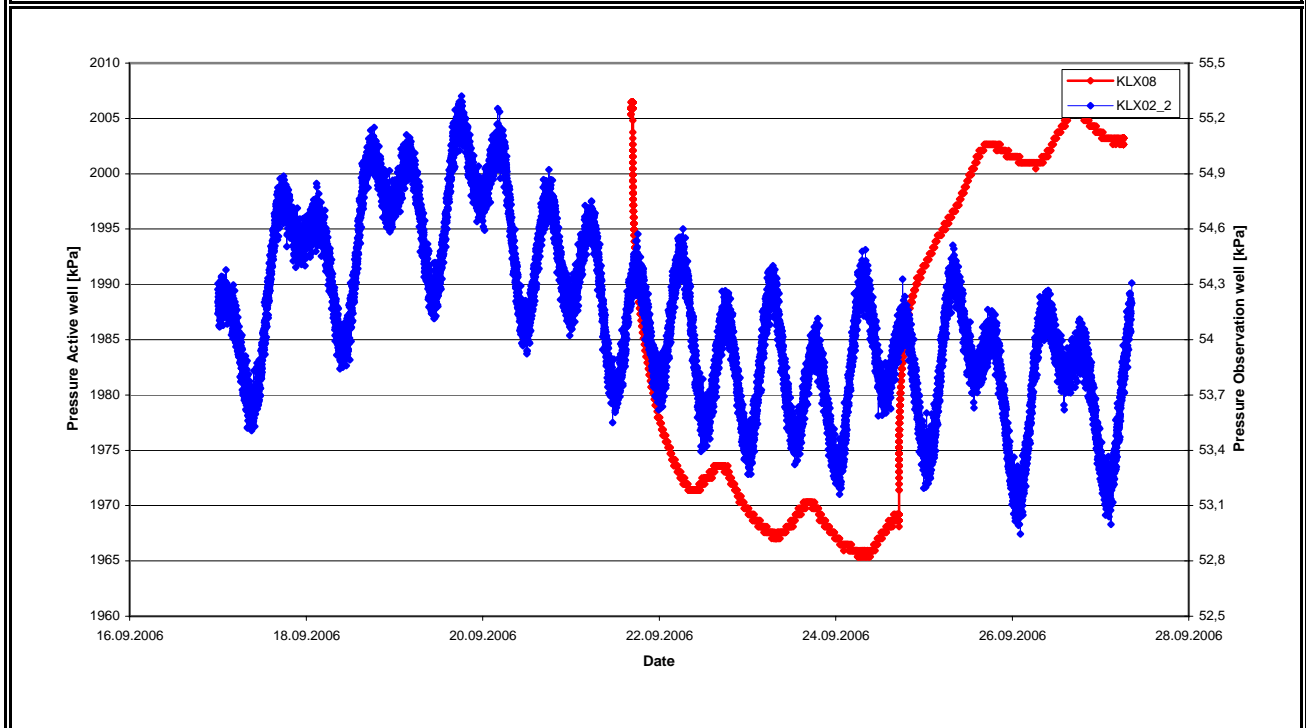
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX02	Section no.:	KLX02_3
		Section length:	718.00-1144.00
Distance r_s [m]:	1336,50	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	25,4
Pressure in test section before stop of flowing:	p_p	kPa	25,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,2
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX02	Section no.:	KLX02_4
		Section length:	495.00-717.00
Distance r_s [m]:	1181,80	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	51,9
Pressure in test section before stop of flowing:	p_p	kPa	51,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

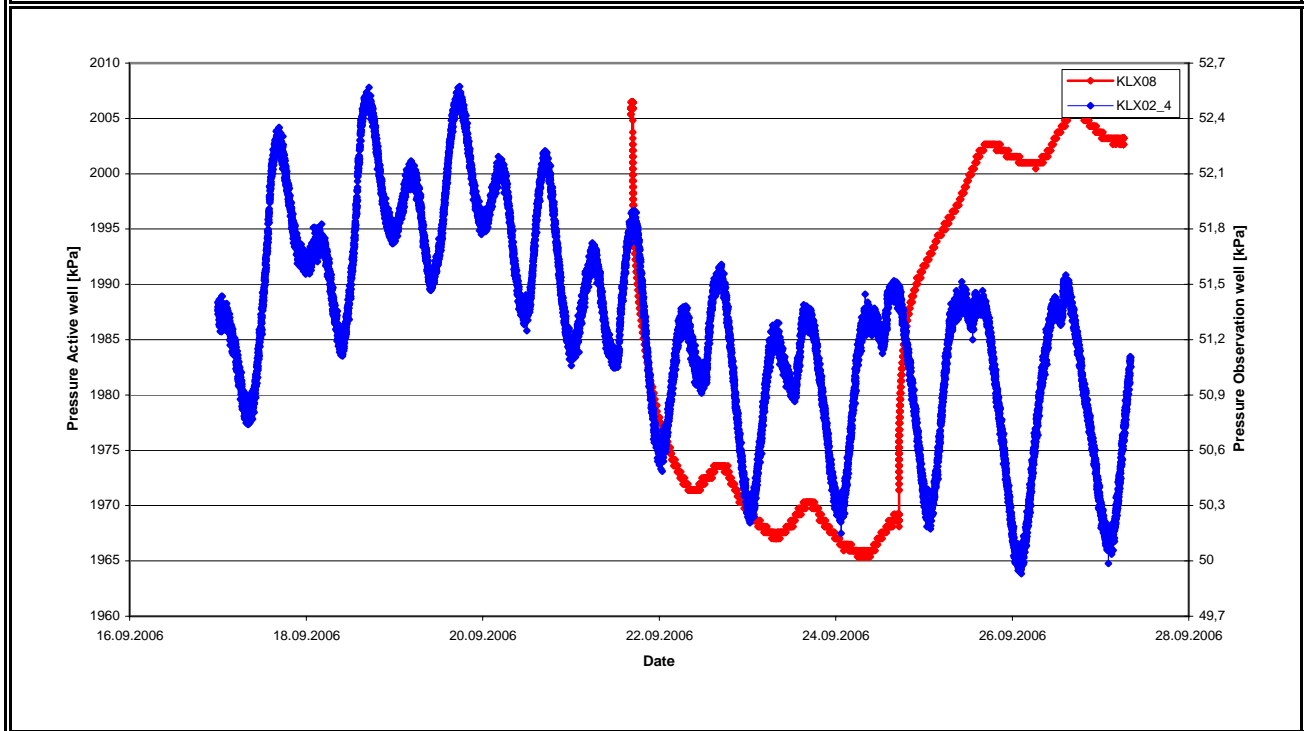
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX02	Section no.:	KLX02_5
		Section length:	452.00-494.00
Distance r_s [m]:	1139,20	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	59,2
Pressure in test section before stop of flowing:	p_p	kPa	58,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

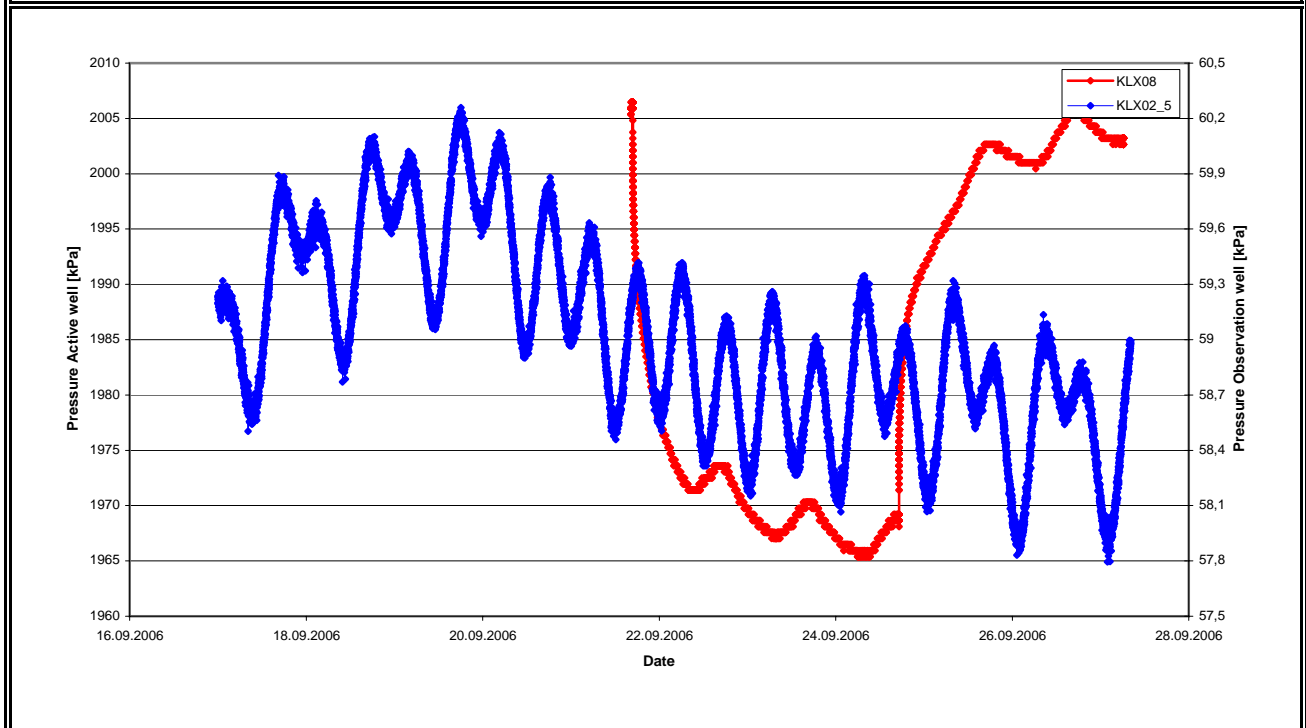
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX02	Section no.:	KLX02_6
		Section length:	348.00-451.00
Distance r_s [m]:	1121,70	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	65,1
Pressure in test section before stop of flowing:	p_p	kPa	64,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

Normalized distance with respect to the response time

Index 1 r_s^2/dt_L (m²/s): #NV

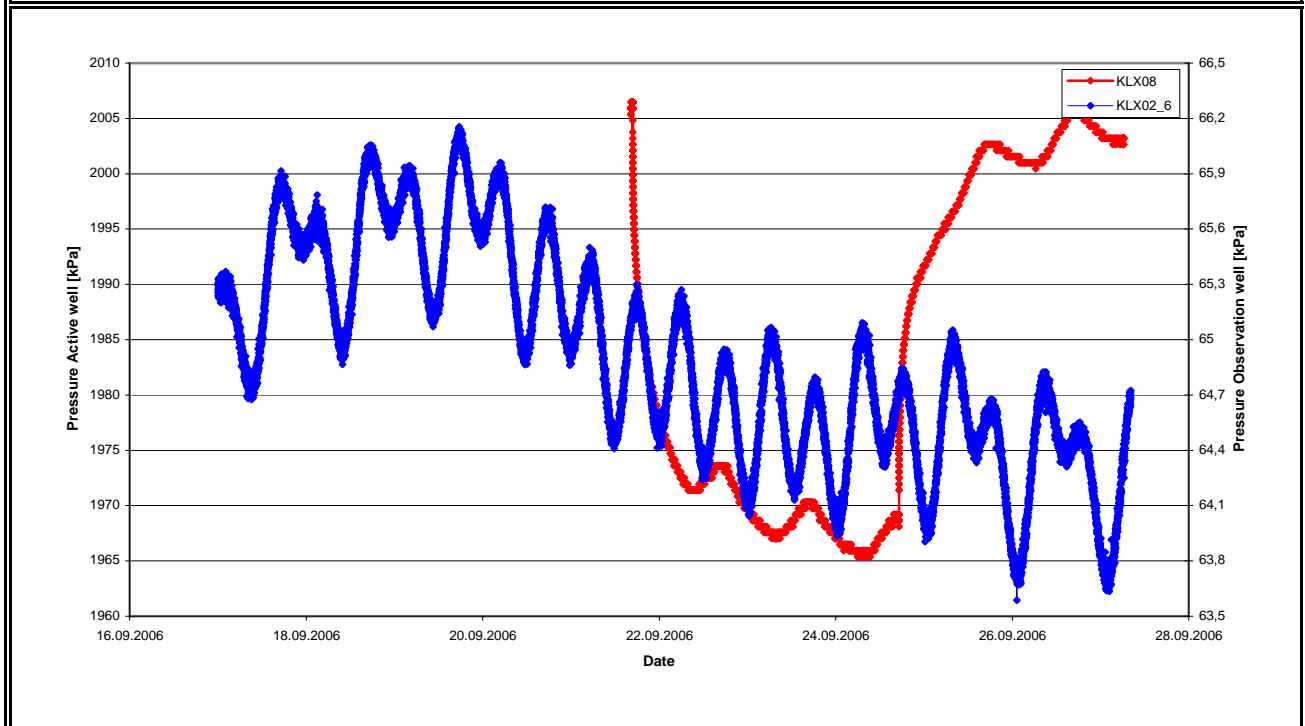
Normalized drawdown with respect to pumping flow rate

Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 102.00-242.00
 Test Start: 21.09.2006 16:16 Test Stop: 27.09.2006 06:15
 Pump Start: 21.09.2006 16:48 Pump Stop: 24.09.2006 17:11
 Flow Rate Q_p [m³/s]: 6,75E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole: KLX02 Section no.: KLX02_7
 Section length: 209.00-347.00
 Distance r_s [m]: 1103,00 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	79,1
Pressure in test section before stop of flowing:	p_p	kPa	78,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

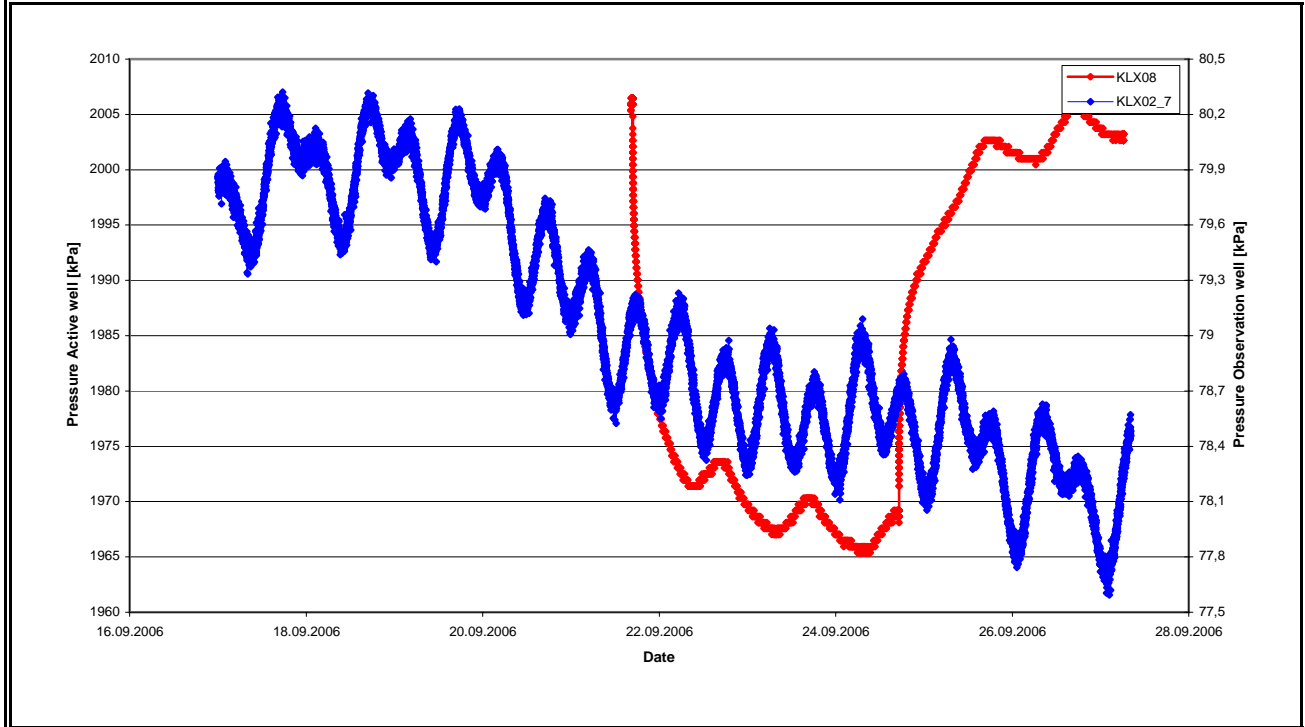
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX02	Section no.:	KLX02_8
		Section length:	100.35-208.00
Distance r_s [m]:	1098,10	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	100,0
Pressure in test section before stop of flowing:	p_p	kPa	99,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,6
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX03	Section no.:	KLX03_1
		Section length:	965.00-971.00
Distance r_s [m]:	1451,10	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,3
Pressure in test section before stop of flowing:	p_p	kPa	113,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV		
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		
<p>The graph displays two pressure series over time. The left y-axis represents 'Pressure Active well [kPa]' ranging from 1960 to 2010. The right y-axis represents 'Pressure Observation well [kPa]' ranging from 112 to 115. The x-axis is 'Date' from 16.09.2006 to 28.09.2006. The blue line (KLX03_1) shows natural pressure fluctuations. The red line (KLX08) shows a sharp spike to 2006 kPa on 22.09.2006, followed by a period of higher pressure around 2000 kPa until 26.09.2006, then a drop and subsequent fluctuations.</p>			

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX03	Section no.:	KLX03_2
		Section length:	830.00-964.00
Distance r_s [m]:	1403,30	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,2
Pressure in test section before stop of flowing:	p_p	kPa	92,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

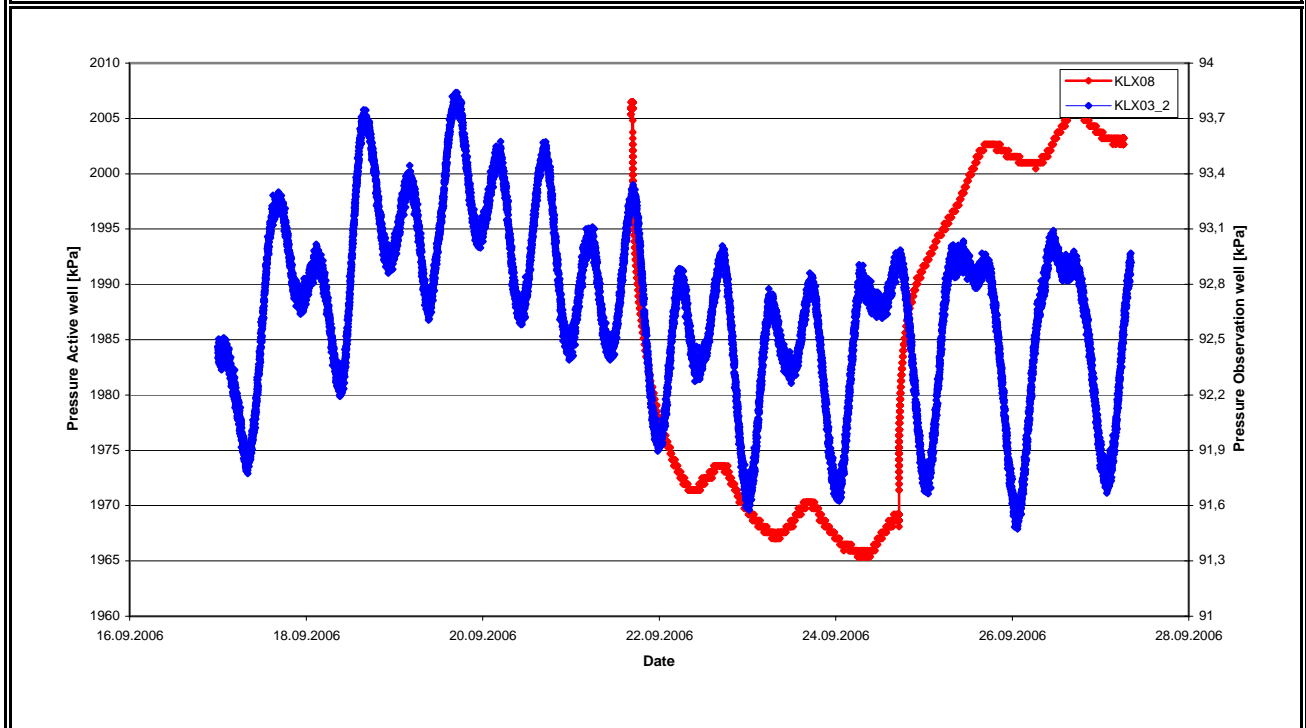
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX03	Section no.:	KLX03_3
		Section length:	752.00-829.00
Distance r_s [m]:	1317,90	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,3
Pressure in test section before stop of flowing:	p_p	kPa	93,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

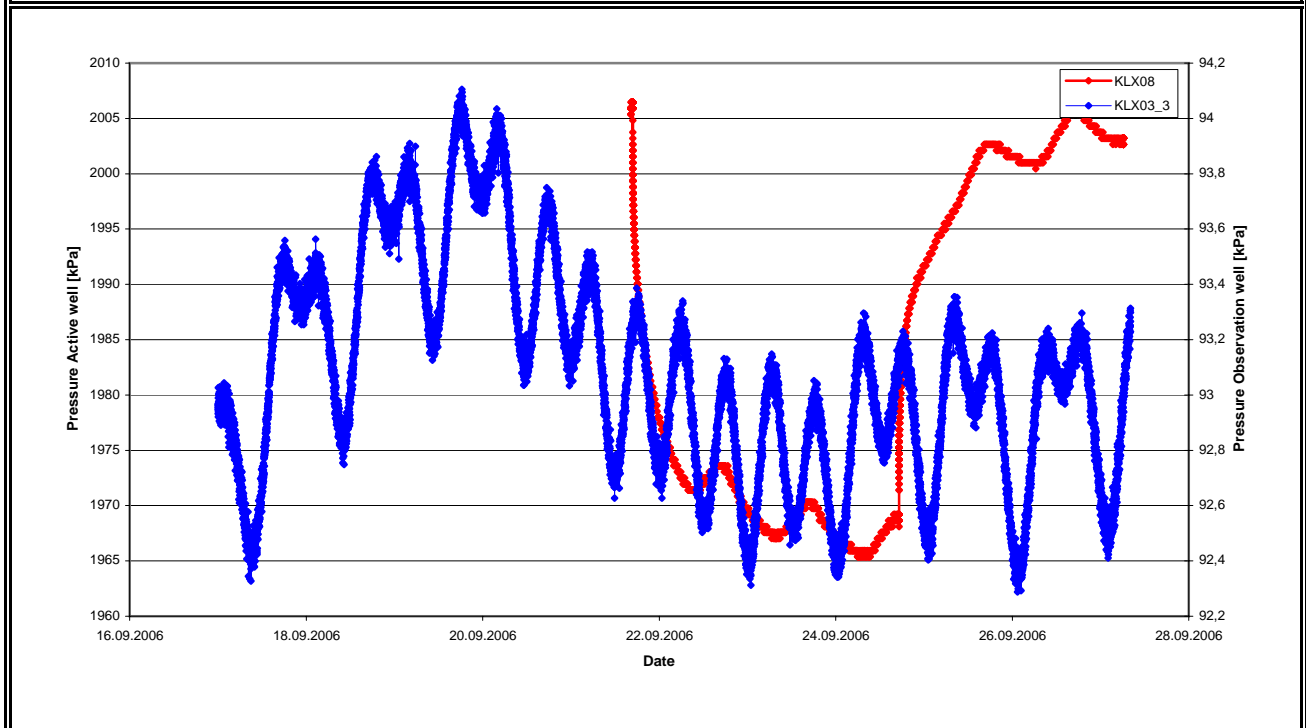
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX03	Section no.:	KLX03_4
		Section length:	729.00-751.00
Distance r_s [m]:	1302,10	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	91,2
Pressure in test section before stop of flowing:	p_p	kPa	91,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

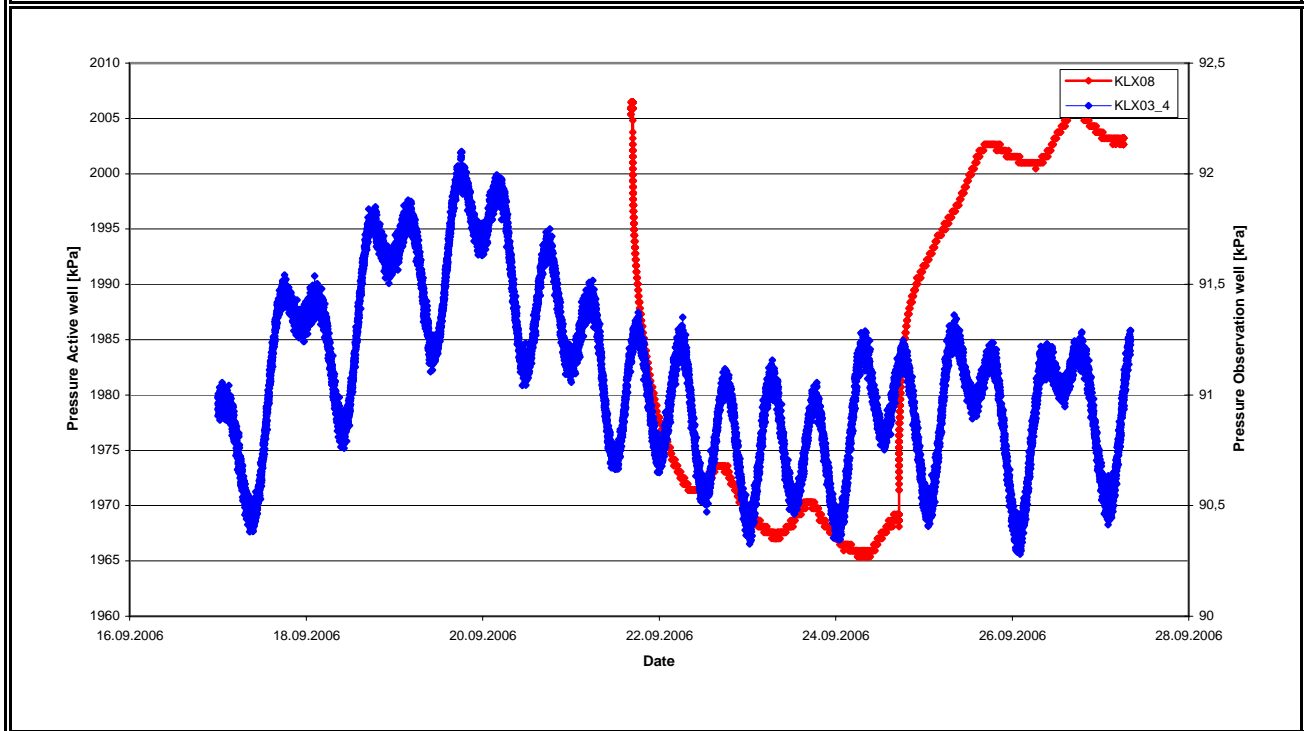
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX03	Section no.:	KLX03_5
		Section length:	652.00-728.00
Distance r_s [m]:	1249,90	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	91,4
Pressure in test section before stop of flowing:	p_p	kPa	90,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

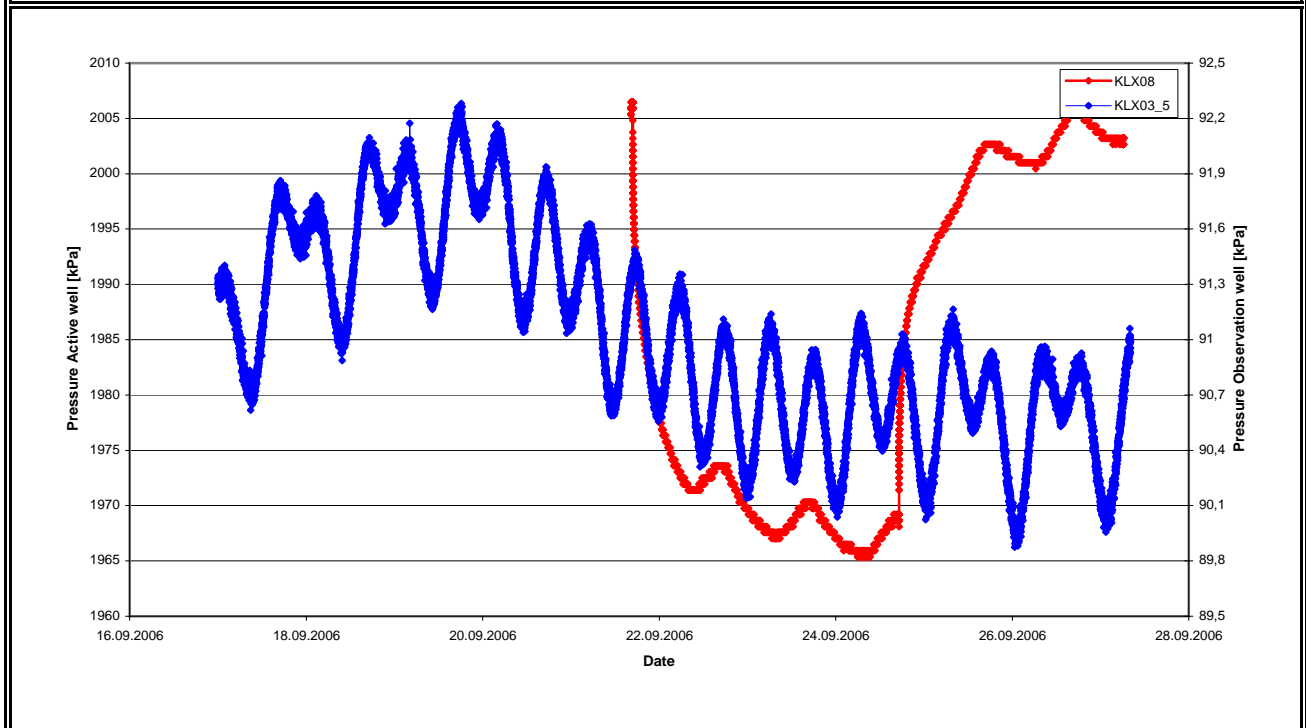
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX03	Section no.:	KLX03_6
		Section length:	465.00-651.00
Distance r_s [m]:	1226,30	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	88,9
Pressure in test section before stop of flowing:	p_p	kPa	88,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

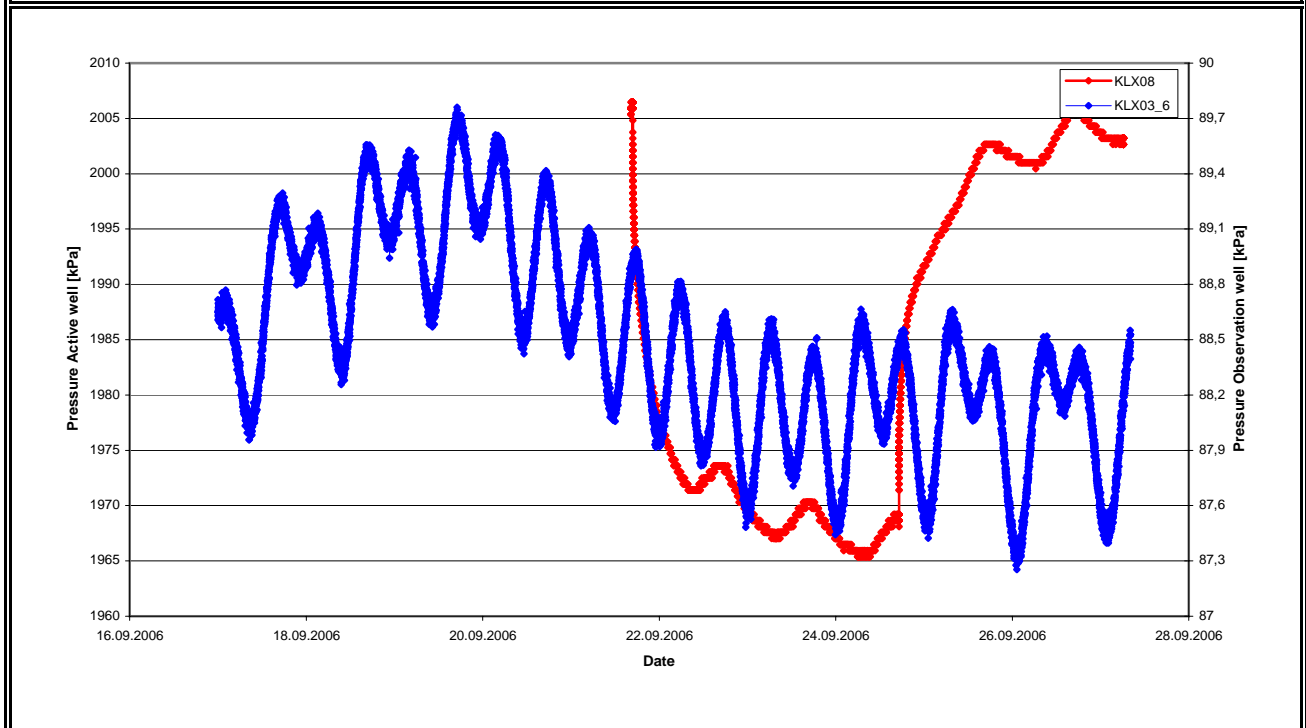
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX03	Section no.:	KLX03_7
		Section length:	349.00-464.00
Distance r_s [m]:	1117,00	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,1
Pressure in test section before stop of flowing:	p_p	kPa	85,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

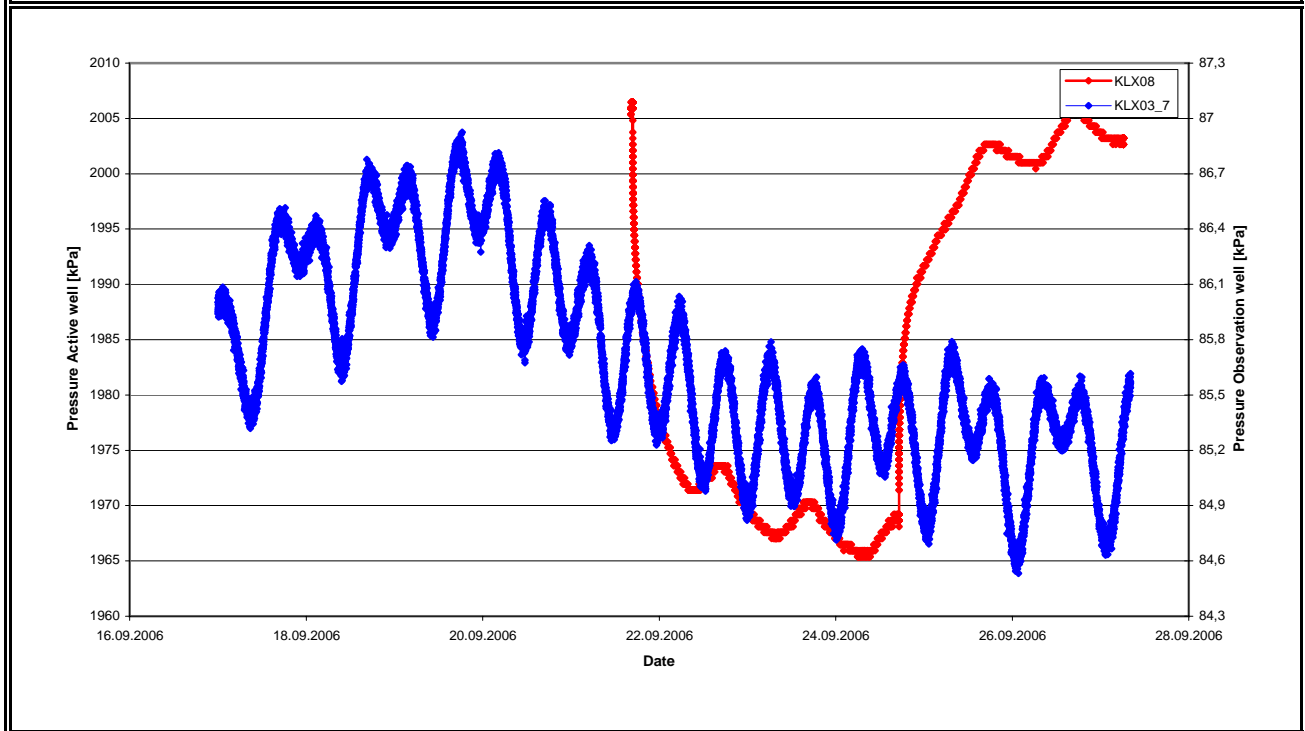
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX03	Section no.:	KLX03_8
		Section length:	199.00-348.00
Distance r_s [m]:	1058,00	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,5
Pressure in test section before stop of flowing:	p_p	kPa	93,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

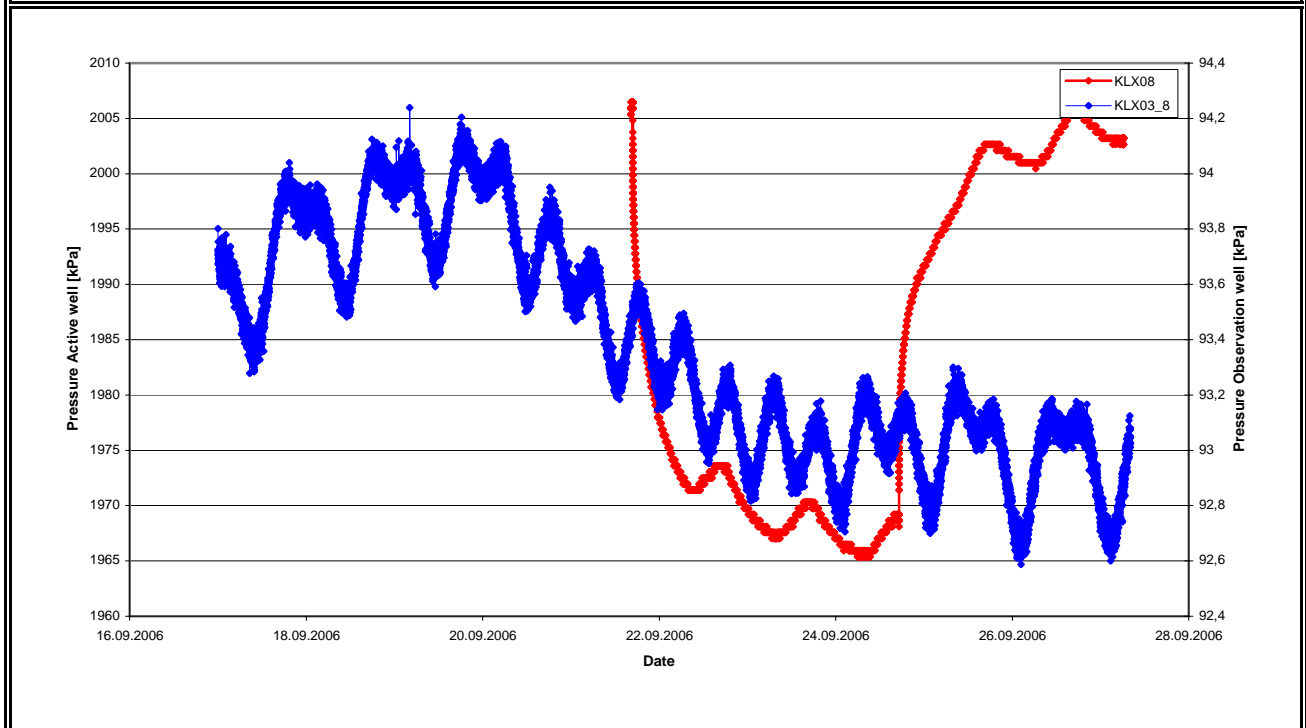
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX03	Section no.:	KLX03_9
		Section length:	193.00-198.00
Distance r_s [m]:	1035,10	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,6
Pressure in test section before stop of flowing:	p_p	kPa	94,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,4
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX03	Section no.:	KLX03_X
		Section length:	100.05-192.00
Distance r_s [m]:	1021,50	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,3
Pressure in test section before stop of flowing:	p_p	kPa	92,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX04	Section no.:	KLX04_1
		Section length:	898.00-1000.00
Distance r_s [m]:	813,80	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,6
Pressure in test section before stop of flowing:	p_p	kPa	93,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

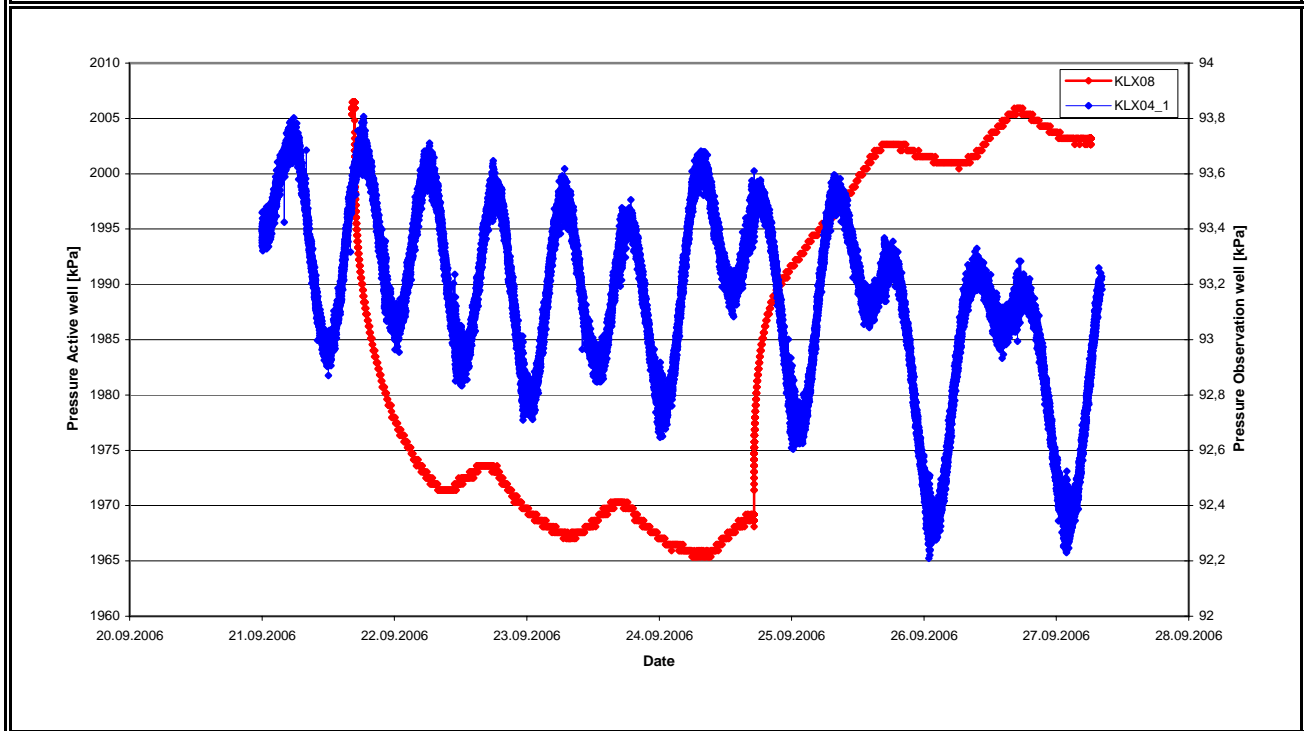
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX04	Section no.:	KLX04_2
		Section length:	870.00-897.00
Distance r_s [m]:	749,00	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	75,7
Pressure in test section before stop of flowing:	p_p	kPa	75,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

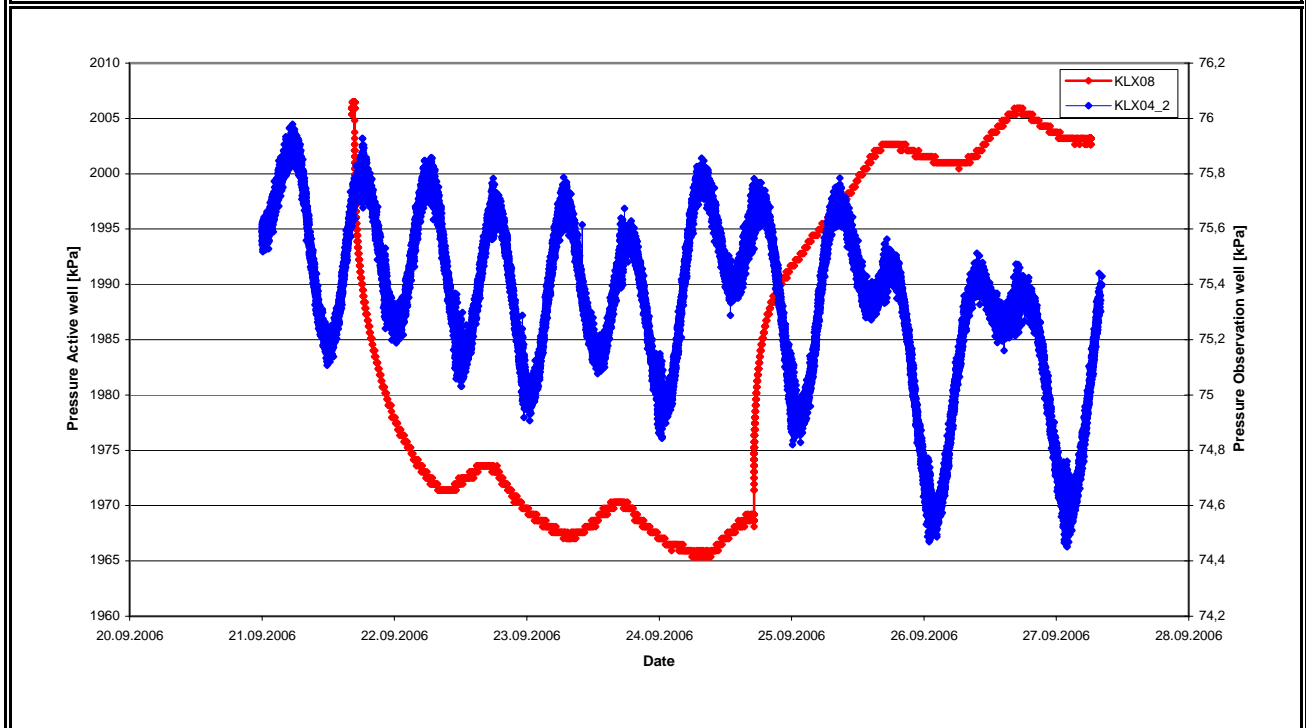
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

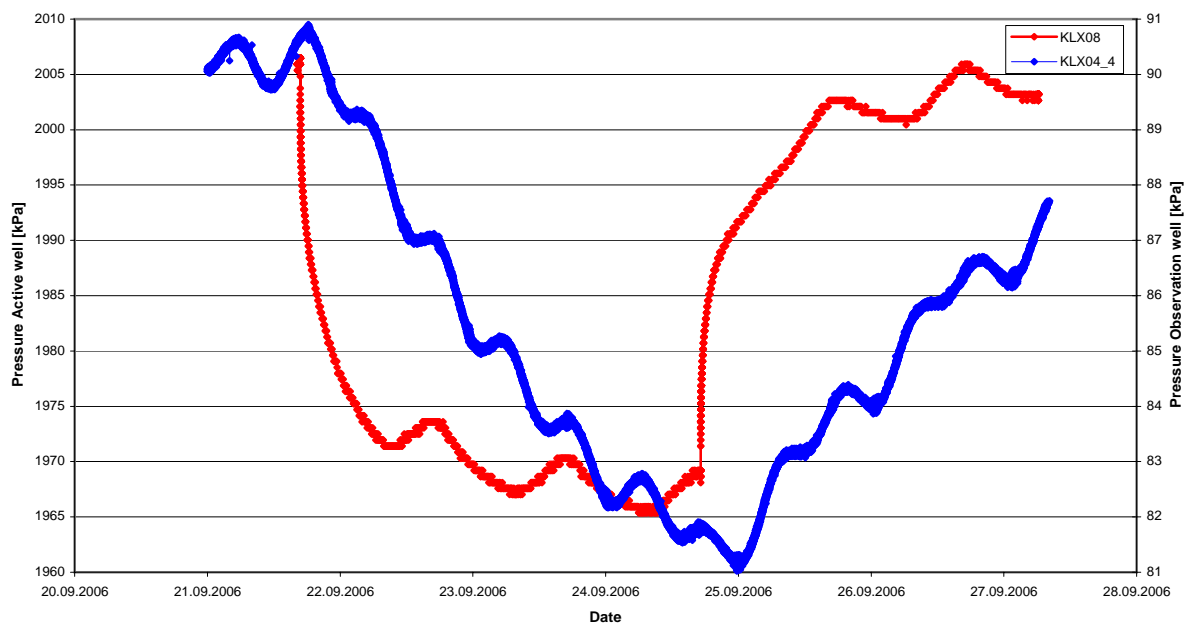
* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX04	Section no.:	KLX04_3
		Section length:	686.00.-869.00
Distance r_s [m]:	644,20	max. Drawdown s_p [m]:*	0,32
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	95,8
Pressure in test section before stop of flowing:	p_p	kPa	92,7
Maximum pressure change during flowing period:*	dp_p	kPa	3,1
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX04	Section no.:	KLX04_4
		Section length:	531.00-685.00
Distance r_s [m]:	477,40	max. Drawdown s_p [m]:*	0,92
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	90,7
Pressure in test section before stop of flowing:	p_p	kPa	81,7
Maximum pressure change during flowing period:*	dp_p	kPa	9,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1359,16	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	8383,8	
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 102.00-242.00
 Test Start: 21.09.2006 16:16 Test Stop: 27.09.2006 06:15
 Pump Start: 21.09.2006 16:48 Pump Stop: 24.09.2006 17:11
 Flow Rate Q_p [m³/s]: 6,75E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole: KLX04 Section no.: KLX04_5
 Section length: 507.00-530.00
 Distance r_s [m]: 390,30 max. Drawdown s_p [m]:* 1,96
 Response time dt_L [s]: 669

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	84,1
Pressure in test section before stop of flowing:	p_p	kPa	64,9
Maximum pressure change during flowing period:*	dp_p	kPa	19,2

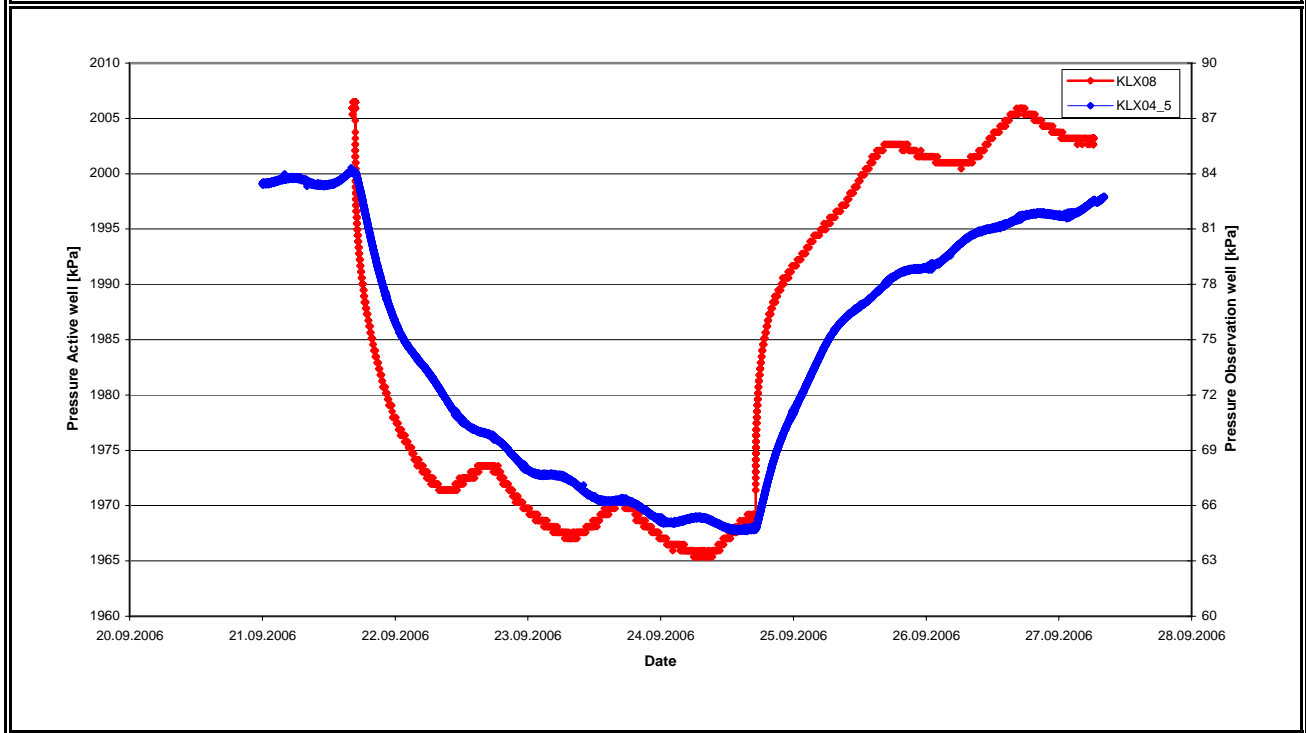
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): **227,70**

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): **2899,54**

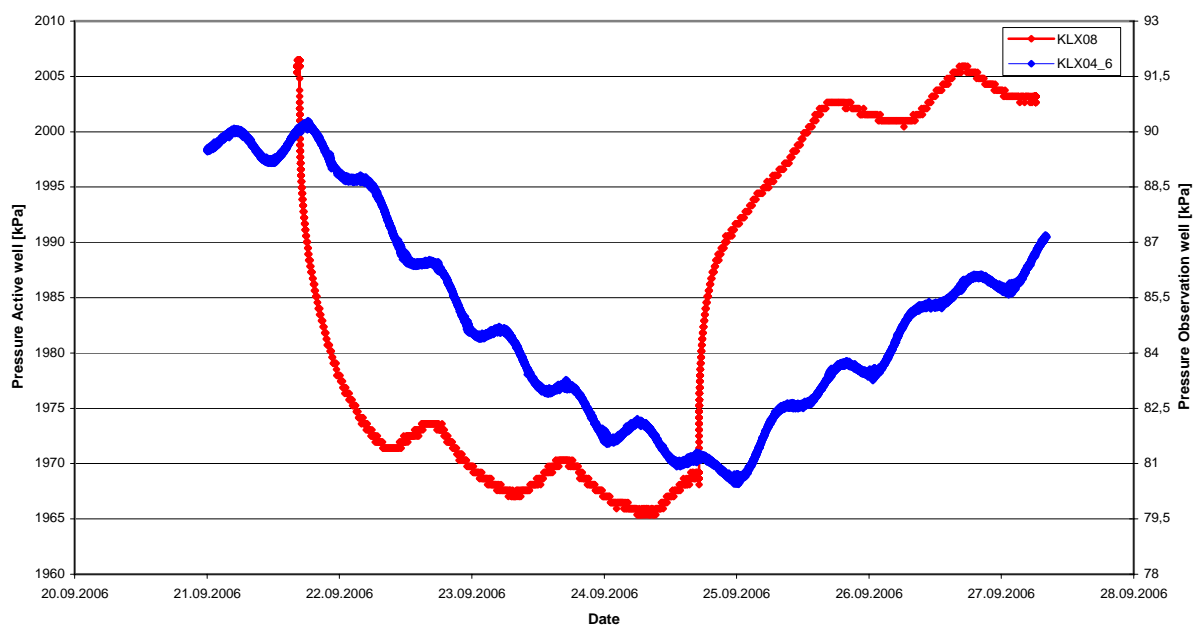
$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): 17301,3

* see comment

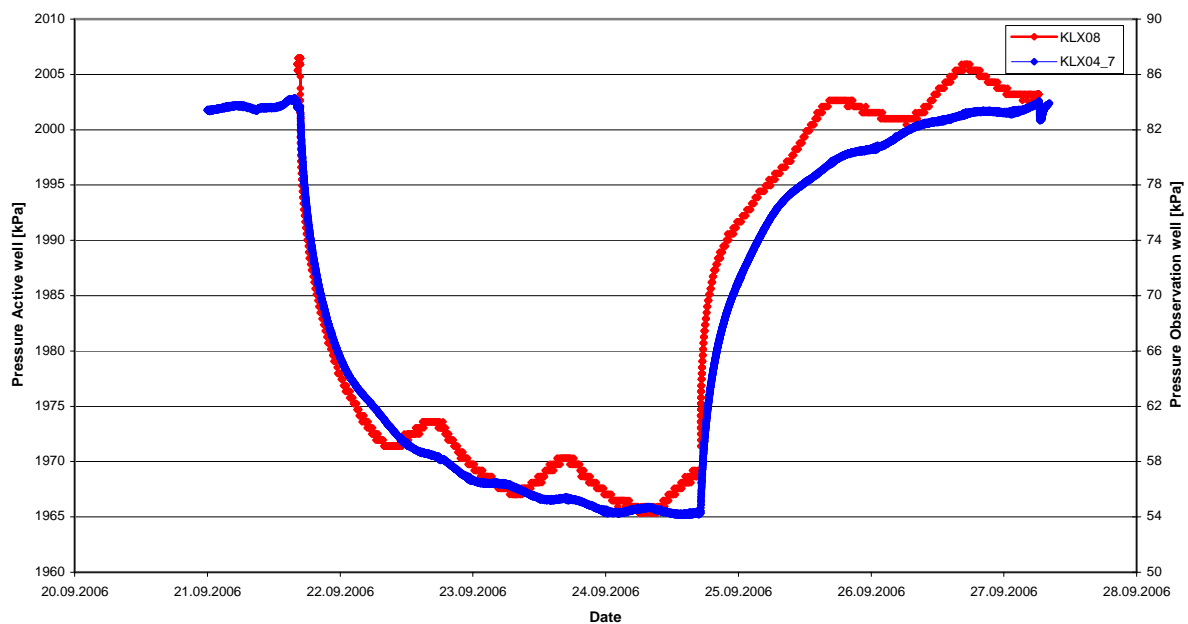
Comment: clear response due to pumping in source



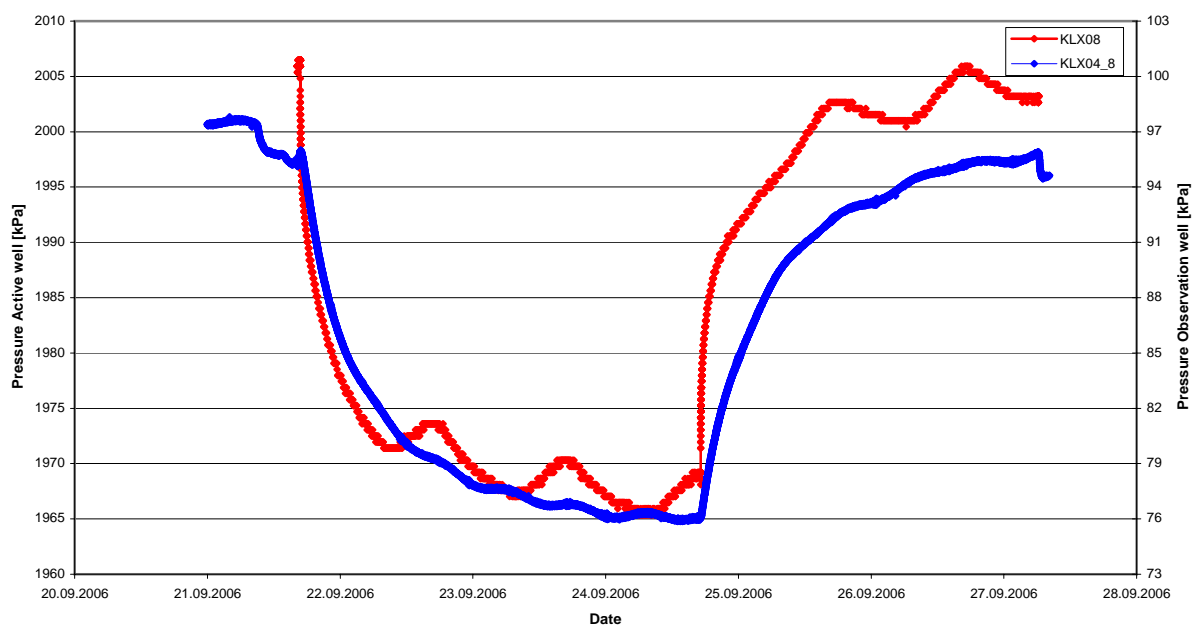
Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX04	Section no.:	KLX04_6
		Section length:	231.00-506.00
Distance r_s [m]:	248,10	max. Drawdown s_p [m]:*	0,92
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	90,1
Pressure in test section before stop of flowing:	p_p	kPa	81,1
Maximum pressure change during flowing period:*	dp_p	kPa	9,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1359,16	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	7494,2		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX04	Section no.:	KLX04_7
		Section length:	163.00-230.00
Distance r_s [m]:	111,60	max. Drawdown s_p [m]:*	2,93
Response time dt_L [s]:	69		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	83,4
Pressure in test section before stop of flowing:	p_p	kPa	54,7
Maximum pressure change during flowing period:*	dp_p	kPa	28,7
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	180,50	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	4334,20	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	20435,4		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX04	Section no.:	KLX04_8
		Section length:	12.24-162.00
Distance r_s [m]:	109,90	max. Drawdown s_p [m]:*	2,02
Response time dt_L [s]:	69		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	95,9
Pressure in test section before stop of flowing:	p_p	kPa	76,1
Maximum pressure change during flowing period:*	dp_p	kPa	19,8
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	175,04	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	2990,15	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	14052,4		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX06	Section no.:	KLX06_1
		Section length:	761.00-1000.00
Distance r_s [m]:	1381,30	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,6
Pressure in test section before stop of flowing:	p_p	kPa	86,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

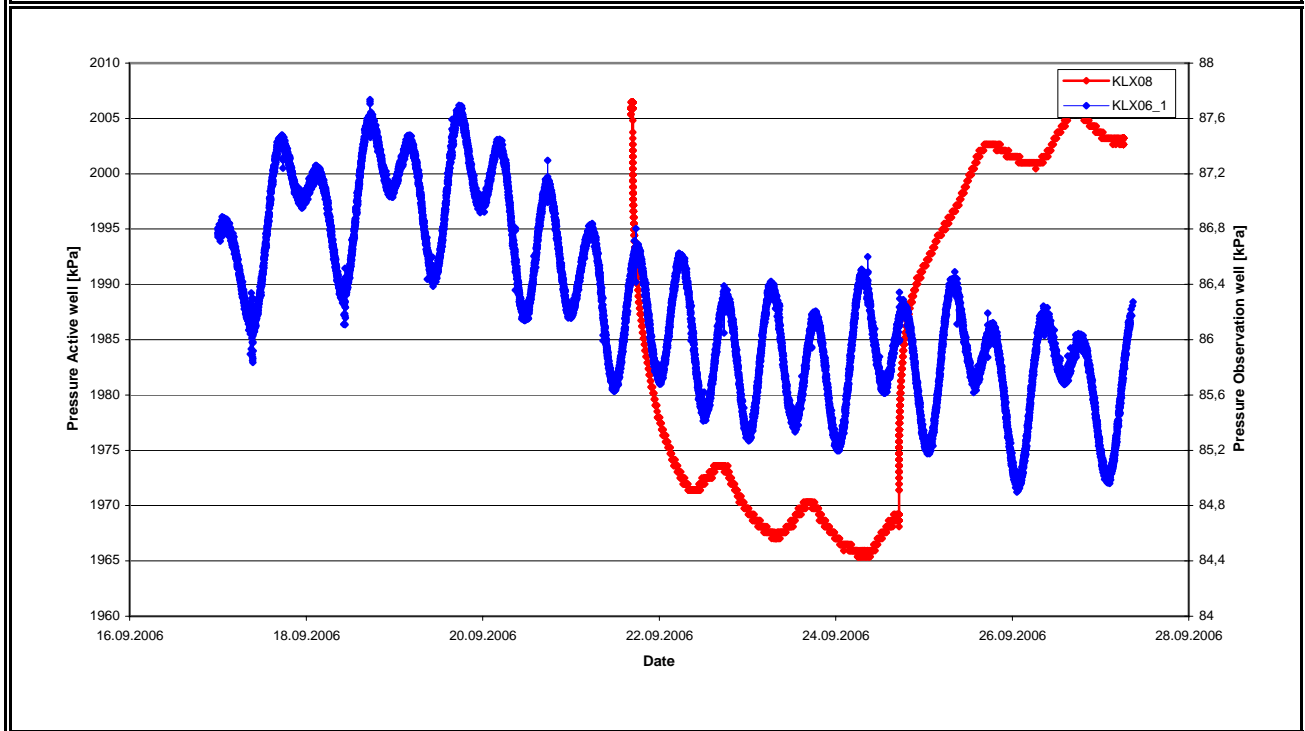
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX06	Section no.:	KLX06_2
		Section length:	571.00-760.00
Distance r_s [m]:	1198,20	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	59,2
Pressure in test section before stop of flowing:	p_p	kPa	58,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

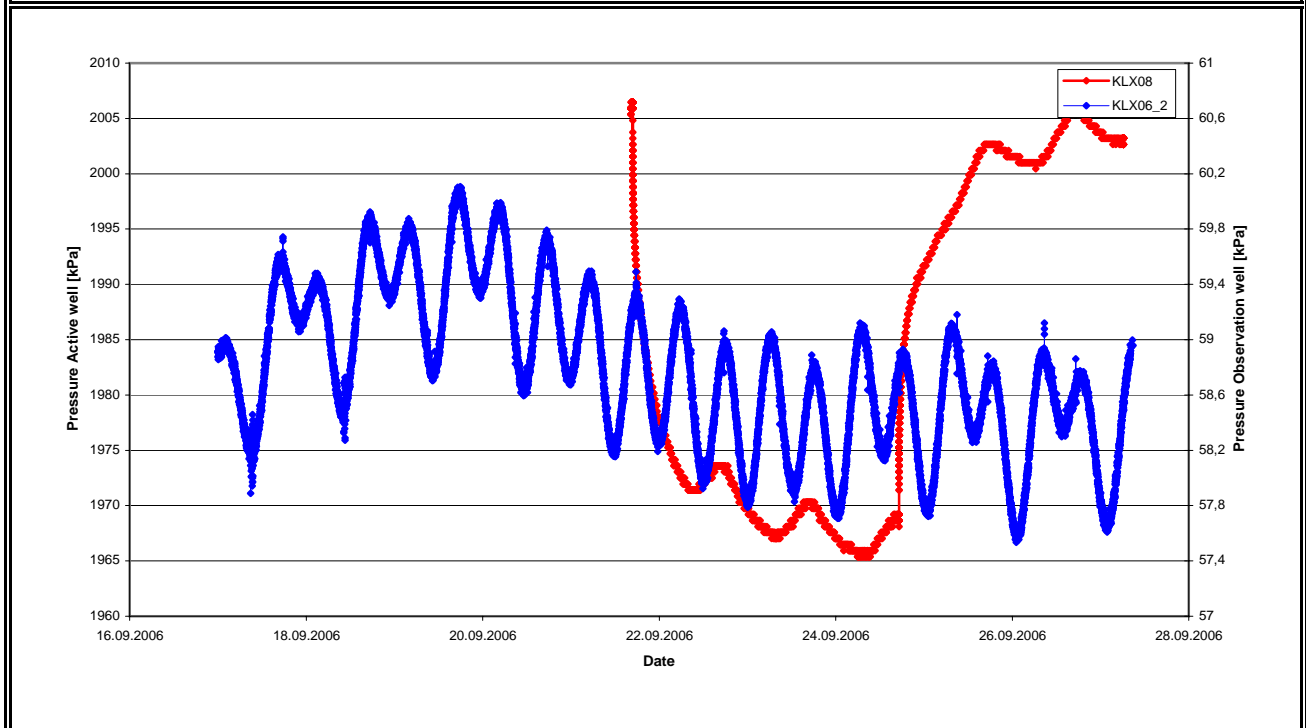
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX06	Section no.:	KLX06_3
		Section length:	554.00-570.00
Distance r_s [m]:	1153,30	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	54,6
Pressure in test section before stop of flowing:	p_p	kPa	54,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

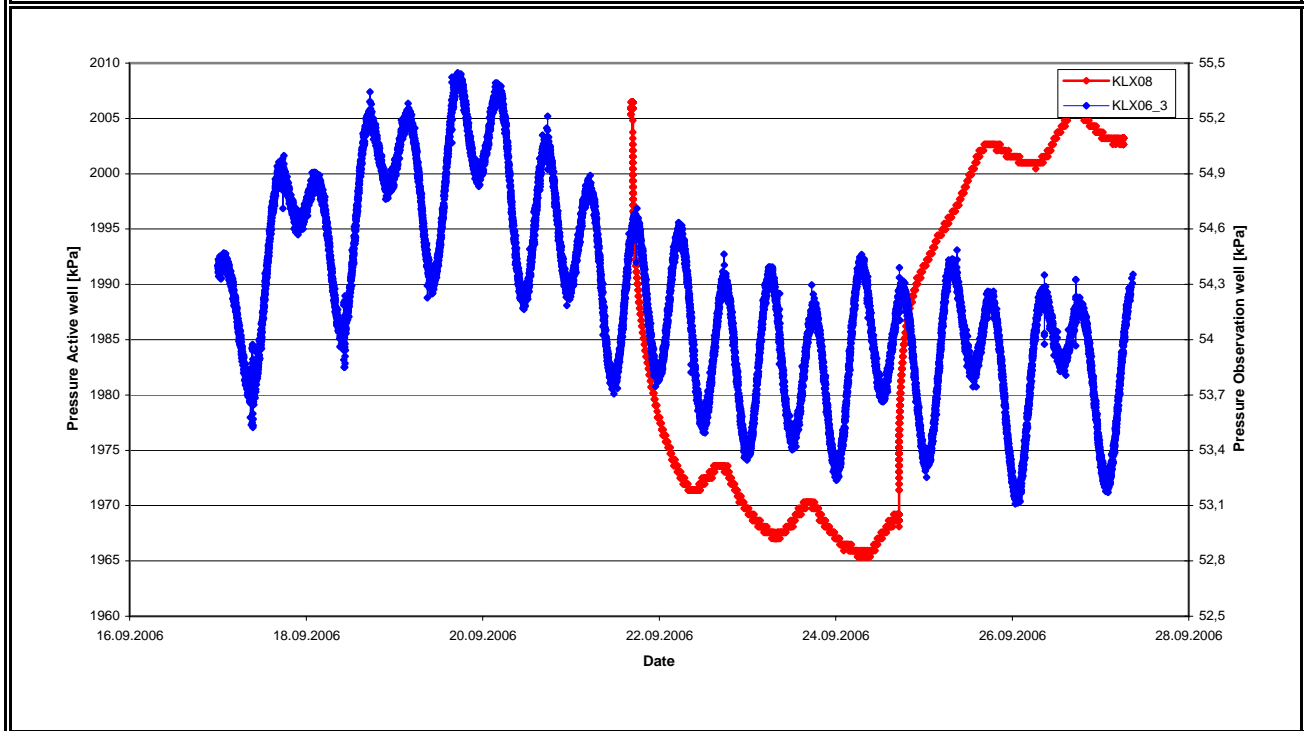
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX06	Section no.:	KLX06_4
		Section length:	411.00-553.00
Distance r_s [m]:	1110,70	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	54,5
Pressure in test section before stop of flowing:	p_p	kPa	54,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

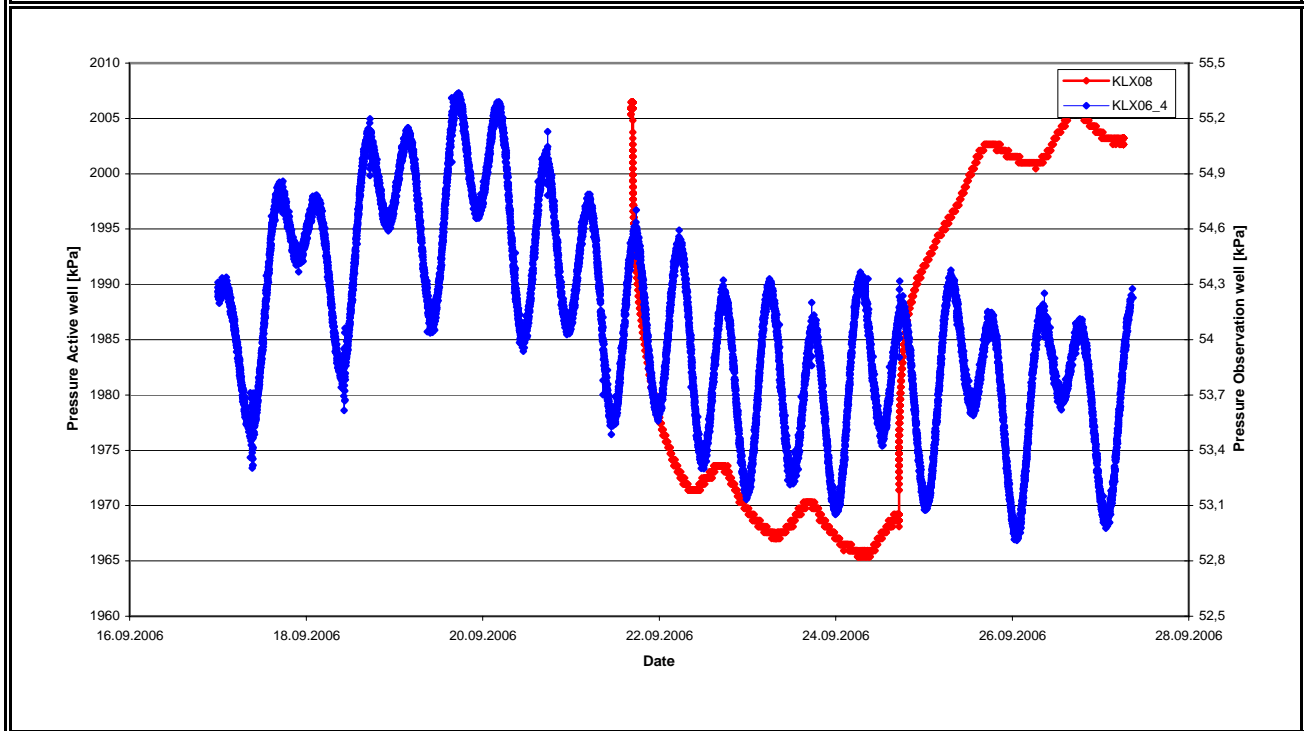
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX06	Section no.:	KLX06_5
		Section length:	276.00-410.00
Distance r_s [m]:	1011,90	max. Drawdown s_p [m]:*	0,10
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	112,3
Pressure in test section before stop of flowing:	p_p	kPa	111,3
Maximum pressure change during flowing period:*	dp_p	kPa	1,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX06	Section no.:	KLX06_6
		Section length:	256.00-275.00
Distance r_s [m]:	981,80	max. Drawdown s_p [m]:*	0,10
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	112,4
Pressure in test section before stop of flowing:	p_p	kPa	111,4
Maximum pressure change during flowing period:*	dp_p	kPa	1,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV		
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX06	Section no.:	KLX06_7
		Section length:	146.00-255.00
Distance r_s [m]:	961,90	max. Drawdown s_p [m]:*	0,10
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	112,3
Pressure in test section before stop of flowing:	p_p	kPa	111,3
Maximum pressure change during flowing period:*	dp_p	kPa	1,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX06	Section no.:	KLX06_8
		Section length:	11.88-145.00
Distance r_s [m]:	929,60	max. Drawdown s_p [m]:*	0,07
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	108,5
Pressure in test section before stop of flowing:	p_p	kPa	107,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,7
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX07	Section no.:	KLX07A_1
		Section length:	781.00-844.73
Distance r_s [m]:	1435,00	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	35,2
Pressure in test section before stop of flowing:	p_p	kPa	34,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,4
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV		
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX07	Section no.:	KLX07A_2
		Section length:	753.00-780.00
Distance r_s [m]:	1399,90	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	32,1
Pressure in test section before stop of flowing:	p_p	kPa	31,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

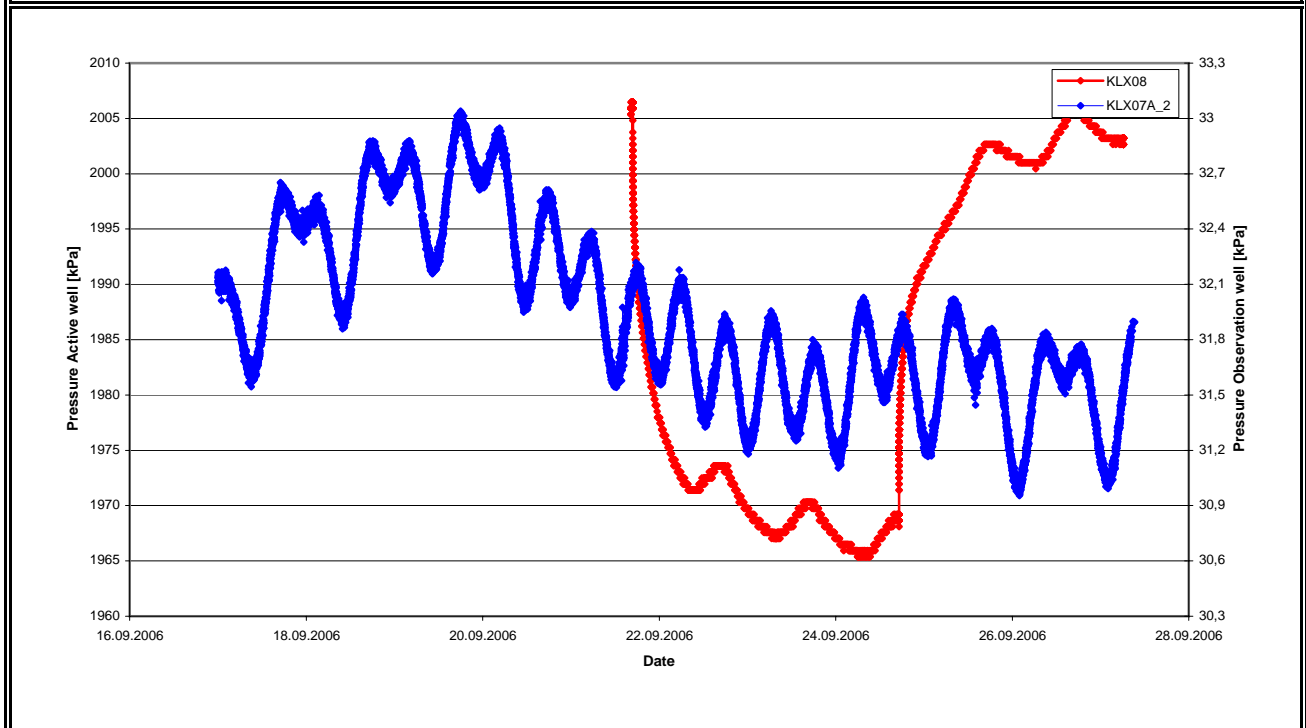
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX07	Section no.:	KLX07A_3
		Section length:	612.00-752.00
Distance r_s [m]:	1325,90	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	33,8
Pressure in test section before stop of flowing:	p_p	kPa	33,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX07	Section no.:	KLX07A_4
		Section length:	457.00-611.00
Distance r_s [m]:	1248,50	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	68,8
Pressure in test section before stop of flowing:	p_p	kPa	68,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX07	Section no.:	KLX07A_5
		Section length:	333.00-465.00
Distance r_s [m]:	1202,40	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	73,3
Pressure in test section before stop of flowing:	p_p	kPa	73,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,1
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX07	Section no.:	KLX07A_6
		Section length:	204.00-332.00
Distance r_s [m]:	1154,90	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	81,7
Pressure in test section before stop of flowing:	p_p	kPa	81,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

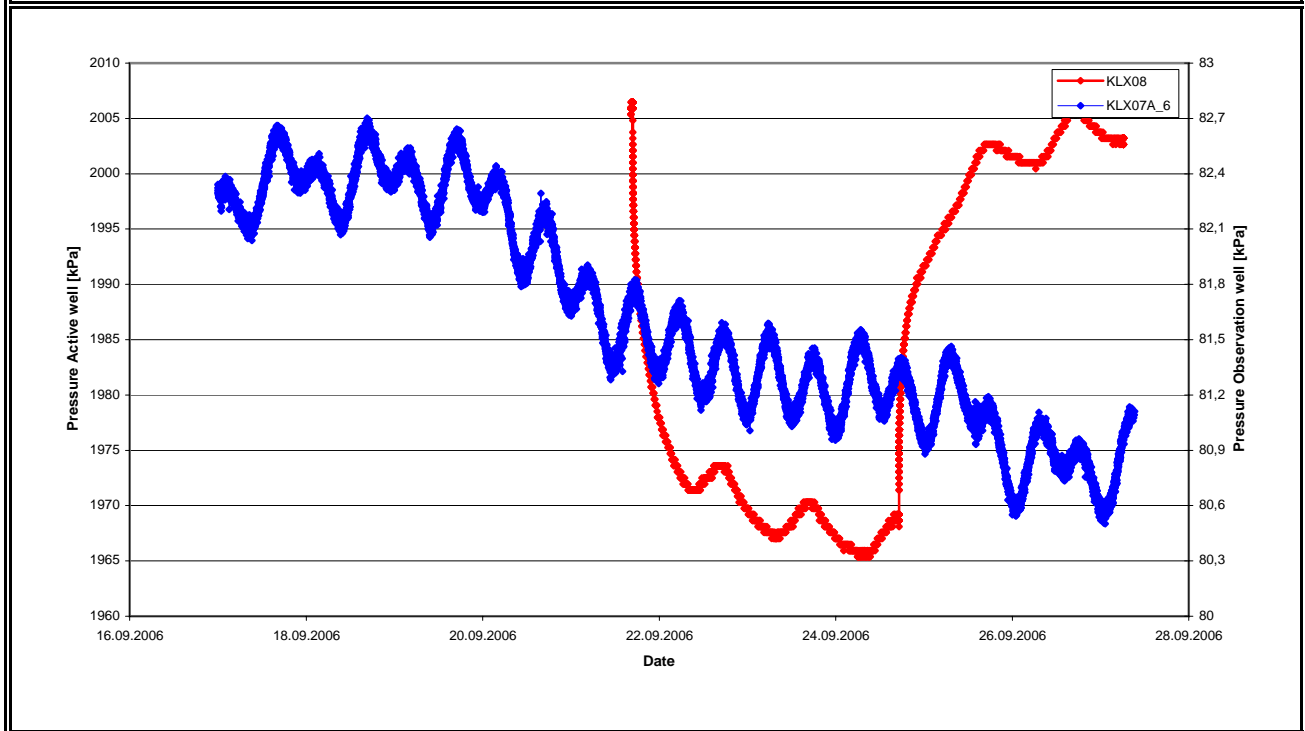
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX07	Section no.:	KLX07A_7
		Section length:	104.00-203.00
Distance r_s [m]:	1127,10	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	84,2
Pressure in test section before stop of flowing:	p_p	kPa	83,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

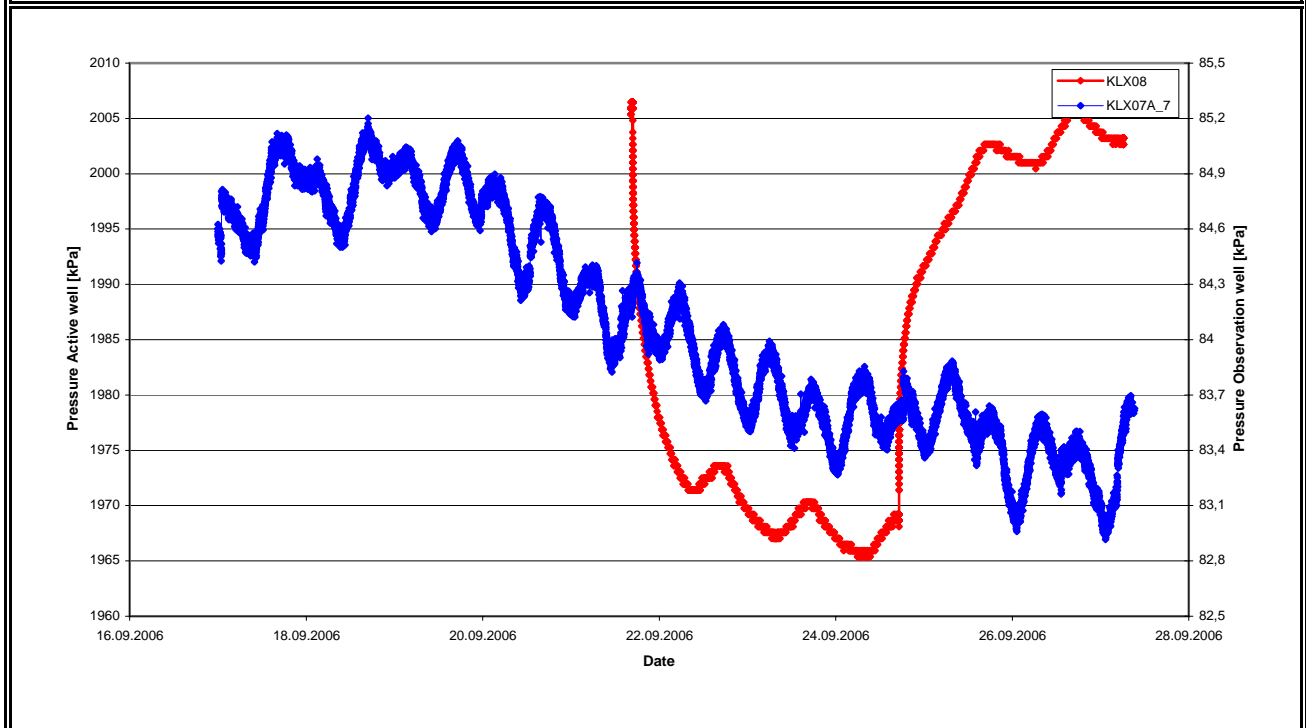
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 102.00-242.00
 Test Start: 21.09.2006 16:16 Test Stop: 27.09.2006 06:15
 Pump Start: 21.09.2006 16:48 Pump Stop: 24.09.2006 17:11
 Flow Rate Q_p [m³/s]: 6,75E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole: KLX07 Section no.: KLX07A_8
 Section length: 102.00-103.00
 Distance r_s [m]: 1111,40 max. Drawdown s_p [m]:* 0,05
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	90,5
Pressure in test section before stop of flowing:	p_p	kPa	90,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

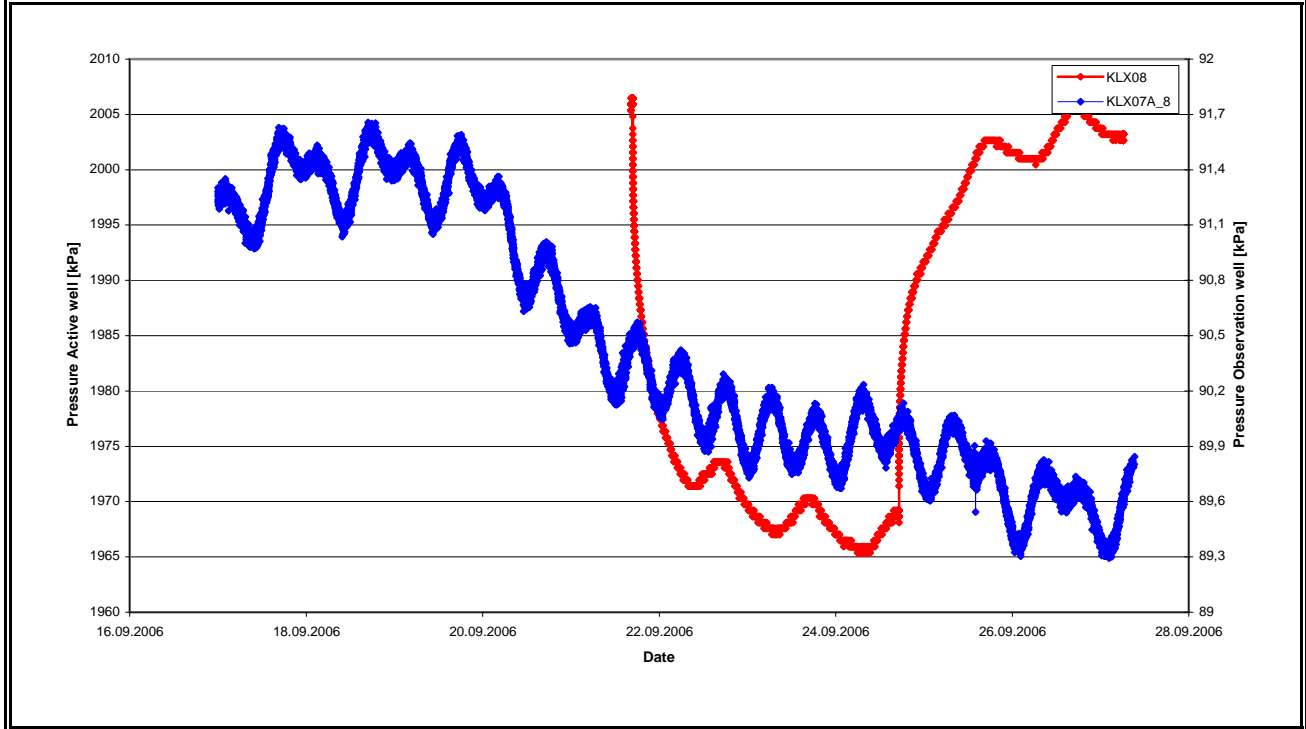
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX07	Section no.:	KLX07B_1
		Section length:	95.00-200.00
Distance r_s [m]:	1090,60	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,7
Pressure in test section before stop of flowing:	p_p	kPa	86,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX07	Section no.:	KLX07B_2
		Section length:	9.64-94.00
Distance r_s [m]:	1092,00	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	89,5
Pressure in test section before stop of flowing:	p_p	kPa	88,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,6
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX10	Section no.:	KLX10_1
		Section length:	711.00-1001.00
Distance r_s [m]:	1020,80	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	55,9
Pressure in test section before stop of flowing:	p_p	kPa	55,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

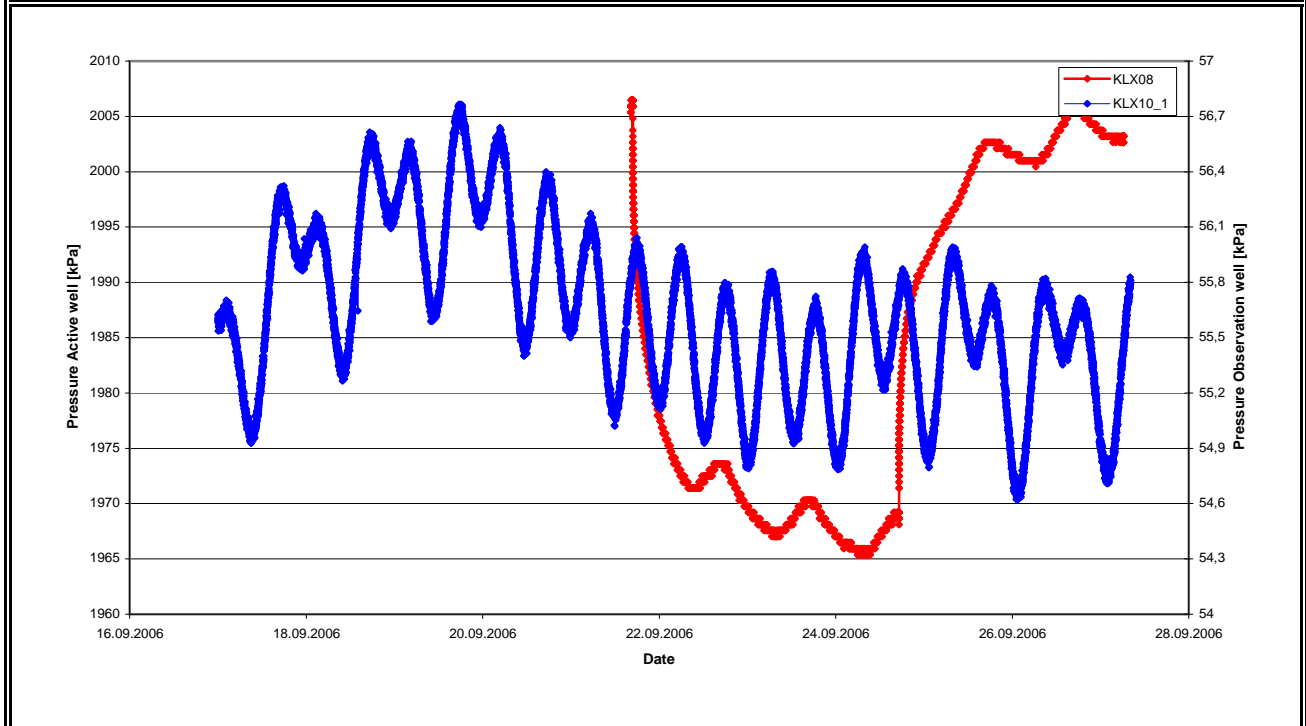
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX10	Section no.:	KLX10_2
		Section length:	689.00-710.00
Distance r_s [m]:	929,80	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	55,0
Pressure in test section before stop of flowing:	p_p	kPa	54,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

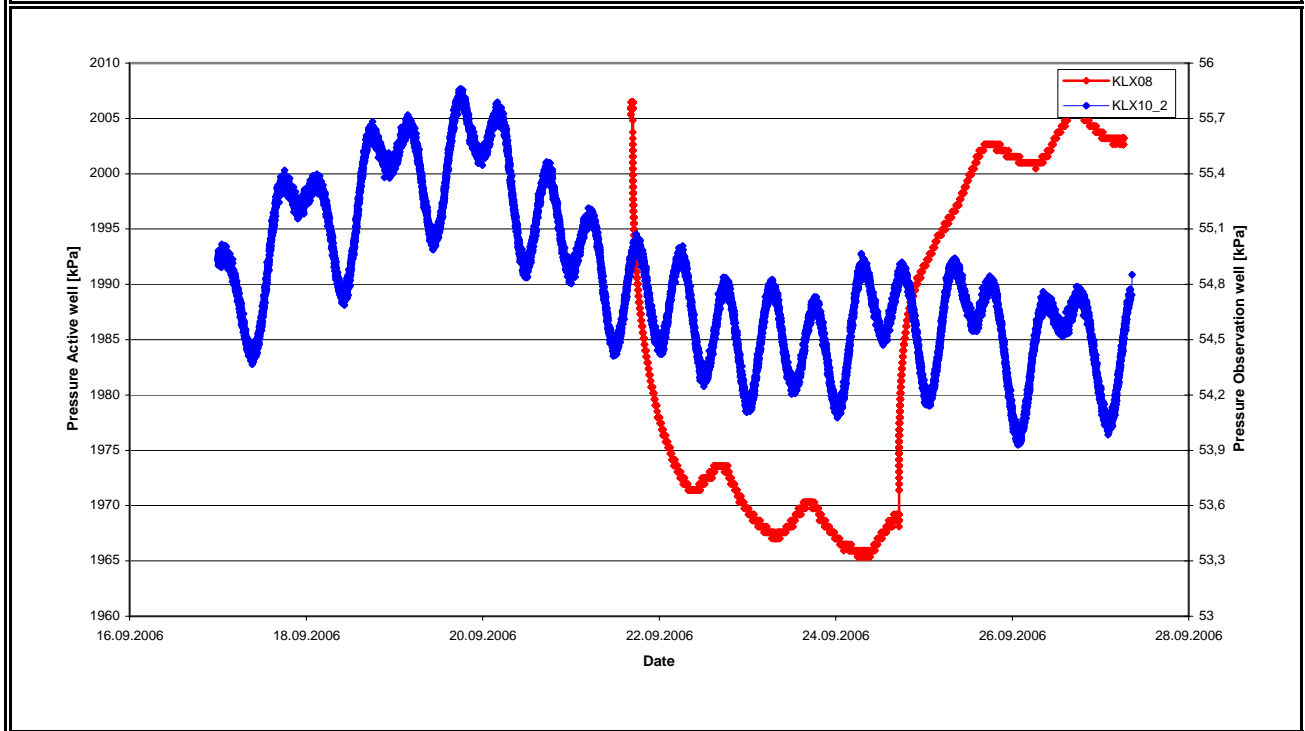
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX10	Section no.:	KLX10_3
		Section length:	465.00-688.00
Distance r_s [m]:	854,50	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,3
Pressure in test section before stop of flowing:	p_p	kPa	84,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

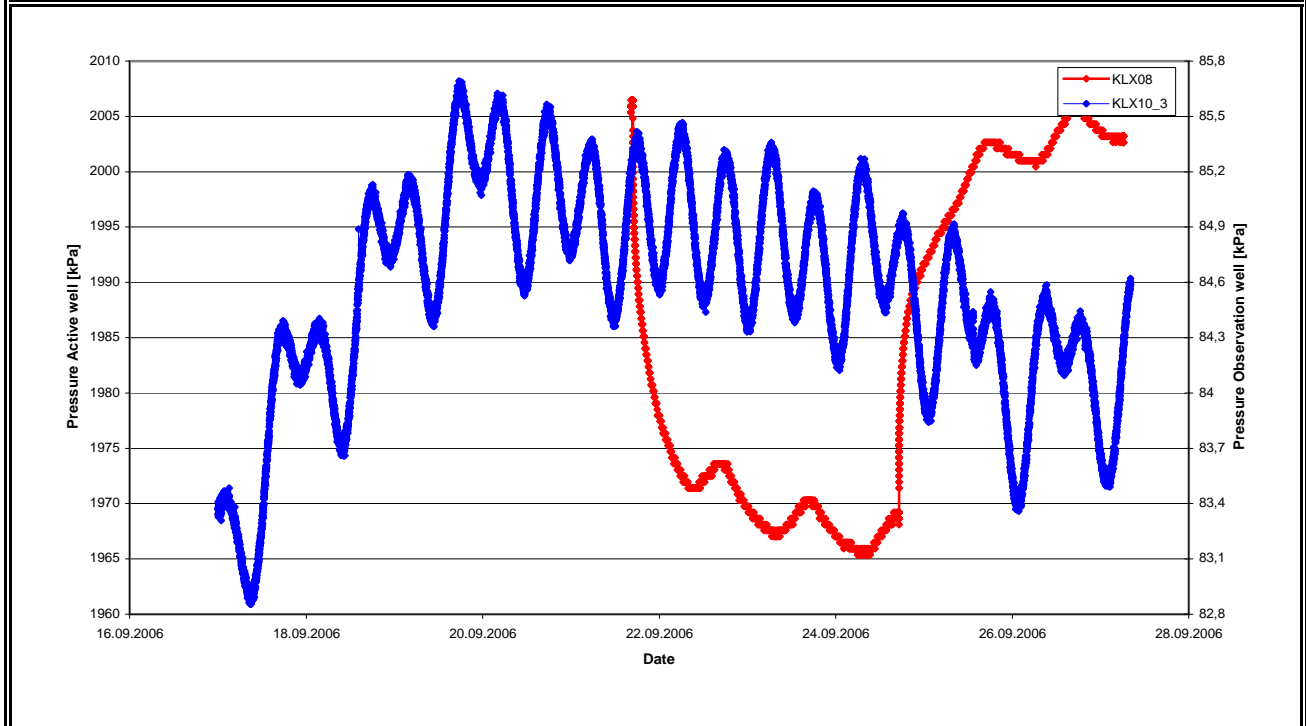
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX10	Section no.:	KLX10_4
		Section length:	369.00-464.00
Distance r_s [m]:	805,30	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	105,8
Pressure in test section before stop of flowing:	p_p	kPa	105,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,4
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 102.00-242.00
 Test Start: 21.09.2006 16:16 Test Stop: 27.09.2006 06:15
 Pump Start: 21.09.2006 16:48 Pump Stop: 24.09.2006 17:11
 Flow Rate Q_p [m³/s]: 6,75E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole: KLX10 Section no.: KLX10_5
 Section length: 351.00-368.00
 Distance r_s [m]: 788,80 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	107,7
Pressure in test section before stop of flowing:	p_p	kPa	107,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

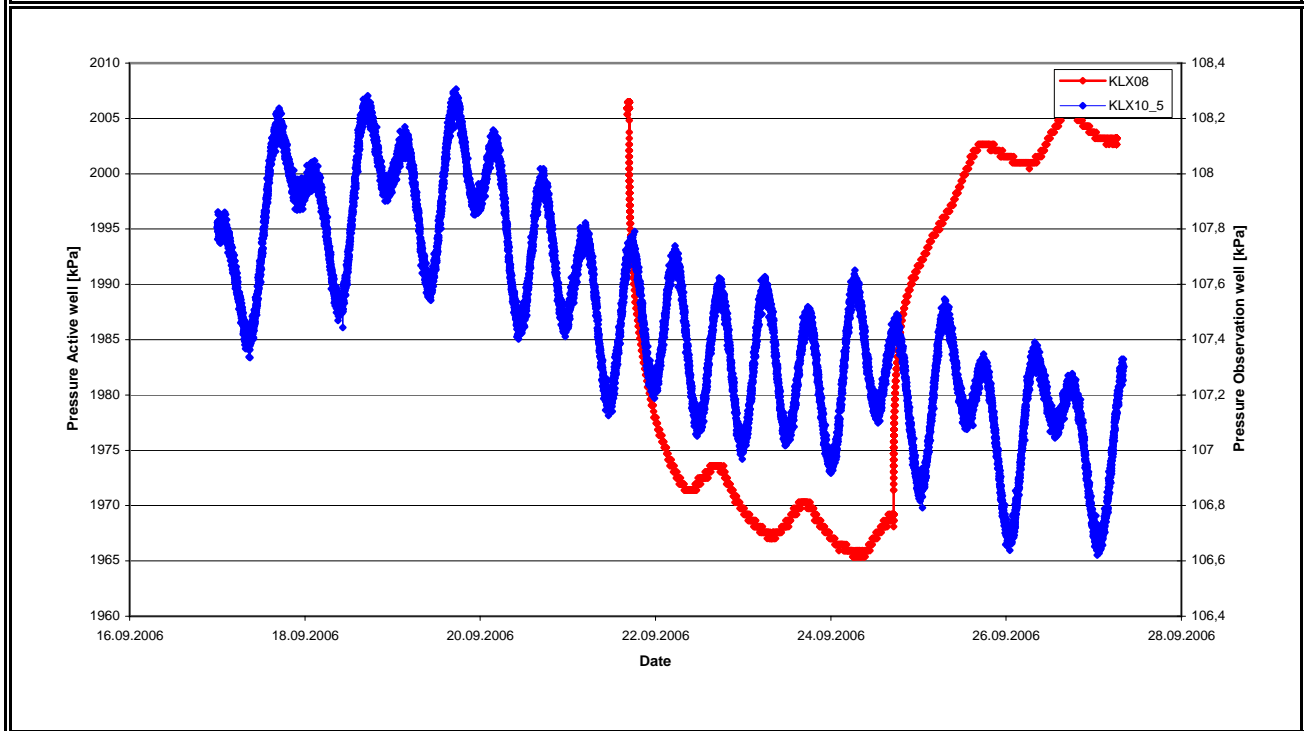
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole:	KLX10	Section no.:	KLX10_6
		Section length:	291.00-350.00
Distance r_s [m]:	780,20	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	109,2
Pressure in test section before stop of flowing:	p_p	kPa	108,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

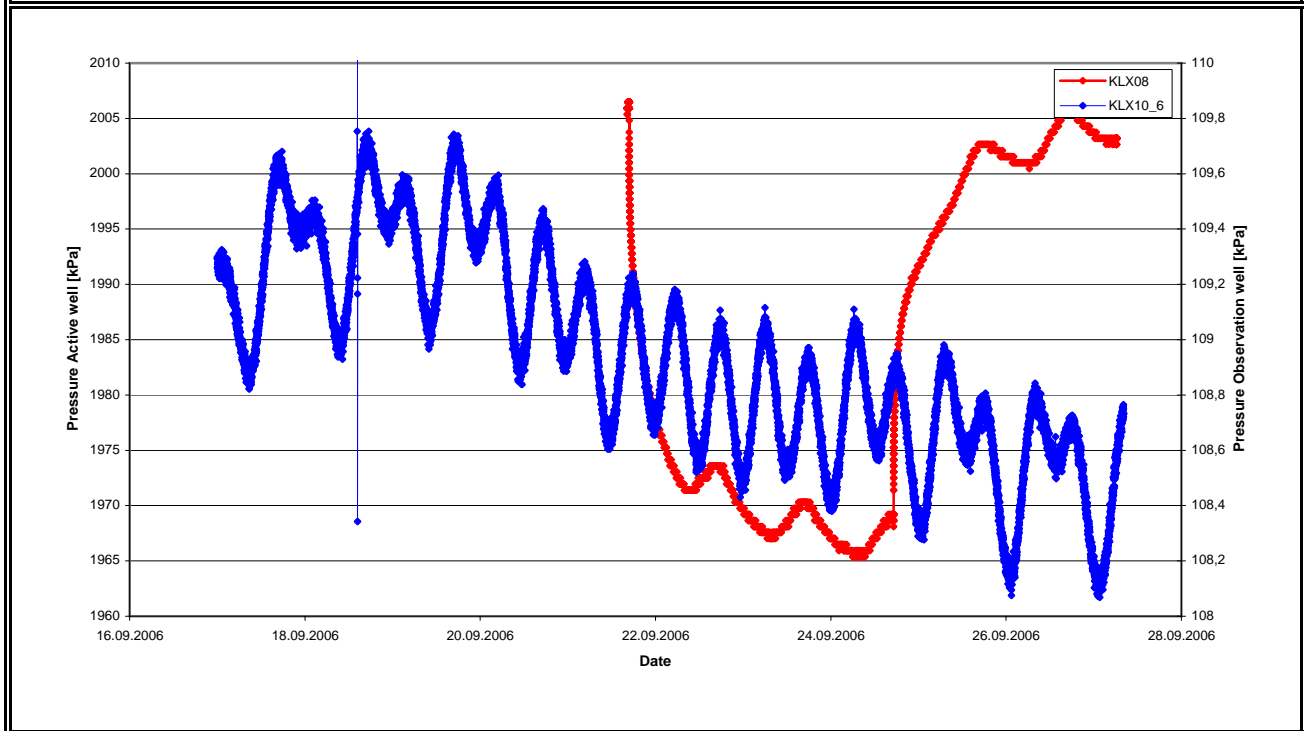
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX10	Section no.:	KLX10_7
		Section length:	131.00-290.00
Distance r_s [m]:	767,10	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	114,0
Pressure in test section before stop of flowing:	p_p	kPa	113,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX10	Section no.:	KLX10_8
		Section length:	9.20-130.00
Distance r_s [m]:	775,30	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,8
Pressure in test section before stop of flowing:	p_p	kPa	113,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 102.00-242.00
 Test Start: 21.09.2006 16:16 Test Stop: 27.09.2006 06:15
 Pump Start: 21.09.2006 16:48 Pump Stop: 24.09.2006 17:11
 Flow Rate Q_p [m³/s]: 6,75E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole: KLX18 Section no.: KLX18A_1
 Section length: 440.00-611.28
 Distance r_s [m]: 693,40 max. Drawdown s_p [m]:* 0,14
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	105,1
Pressure in test section before stop of flowing:	p_p	kPa	103,7
Maximum pressure change during flowing period:*	dp_p	kPa	1,4

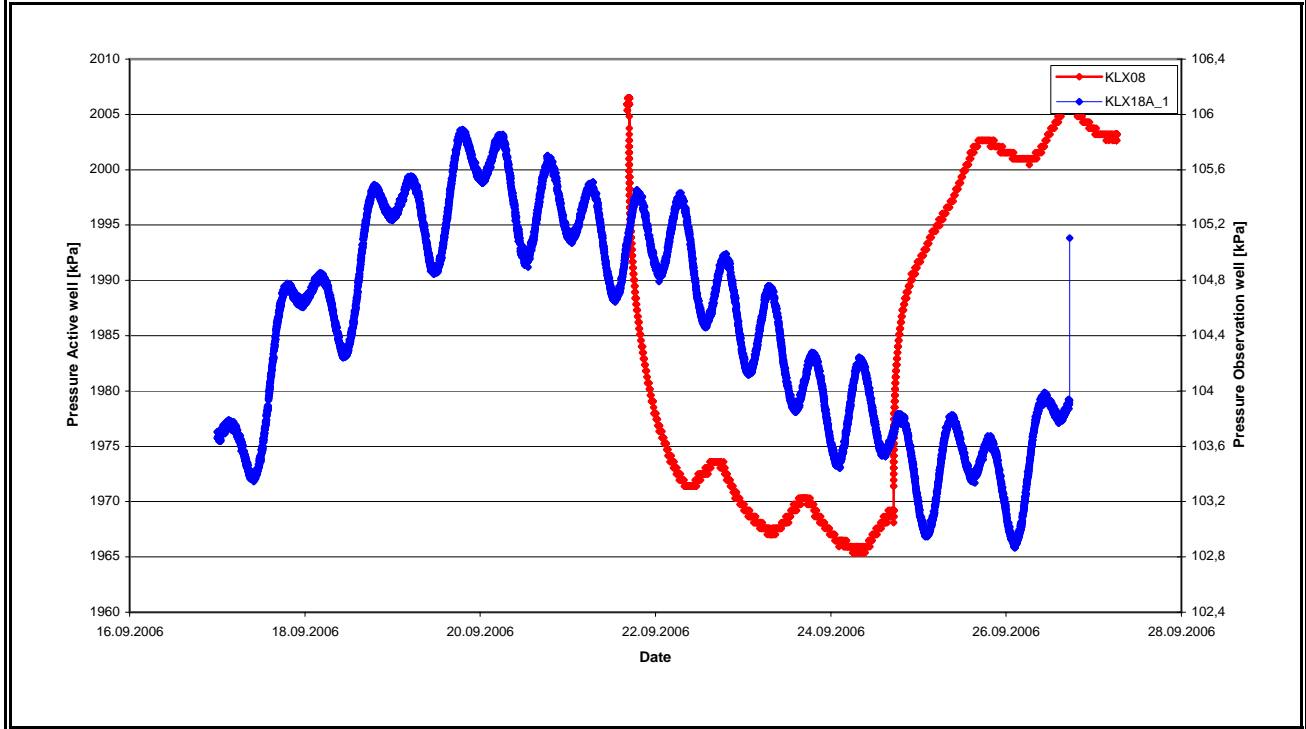
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

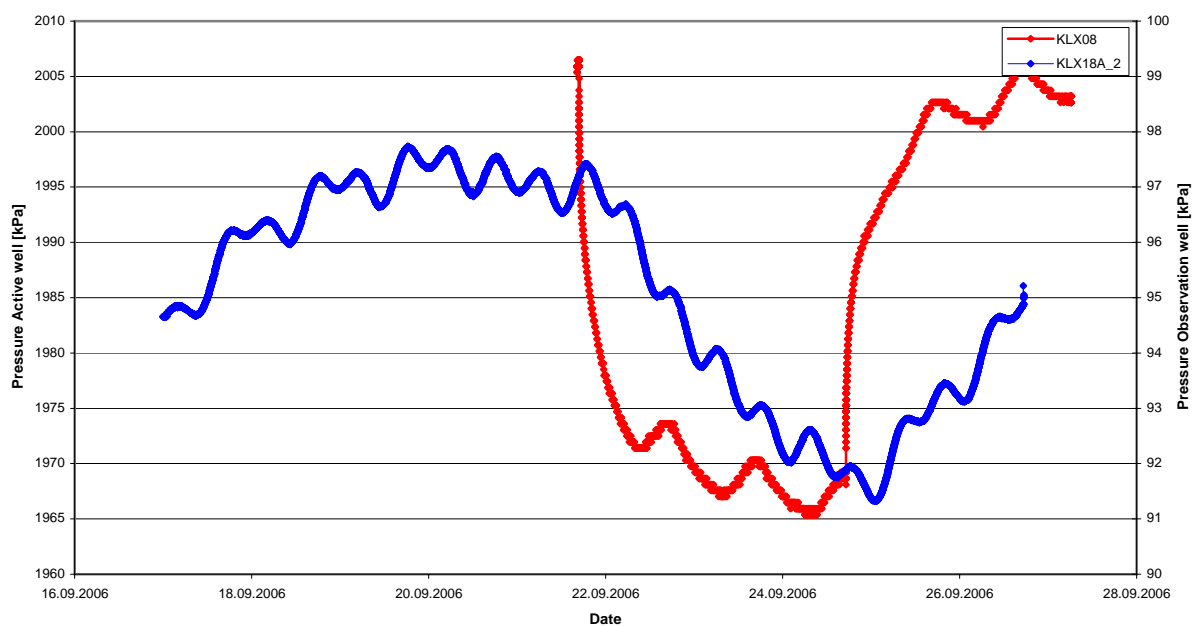
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	102.00-242.00
Test Start:	21.09.2006 16:16	Test Stop:	27.09.2006 06:15
Pump Start:	21.09.2006 16:48	Pump Stop:	24.09.2006 17:11
Flow Rate Q_p [m ³ /s]:	6,75E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37
Observation Hole:	KLX18	Section no.:	KLX18A_2
		Section length:	241.00-439.00
Distance r_s [m]:	657,00	max. Drawdown s_p [m]:*	0,54
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	97,2
Pressure in test section before stop of flowing:	p_p	kPa	91,9
Maximum pressure change during flowing period:*	dp_p	kPa	5,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	800,39	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	5192,7		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 102.00-242.00
 Test Start: 21.09.2006 16:16 Test Stop: 27.09.2006 06:15
 Pump Start: 21.09.2006 16:48 Pump Stop: 24.09.2006 17:11
 Flow Rate Q_p [m³/s]: 6,75E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2006
Pressure in test section before stop of flowing:	p_p	kPa	1969
Maximum pressure change during flowing period:	dp_p	kPa	37

Observation Hole: KLX18 Section no.: KLX18A_3
 Section length: 11.83-240.00
 Distance r_s [m]: 618,10 max. Drawdown s_p [m]:* 0,05
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	116,5
Pressure in test section before stop of flowing:	p_p	kPa	116,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

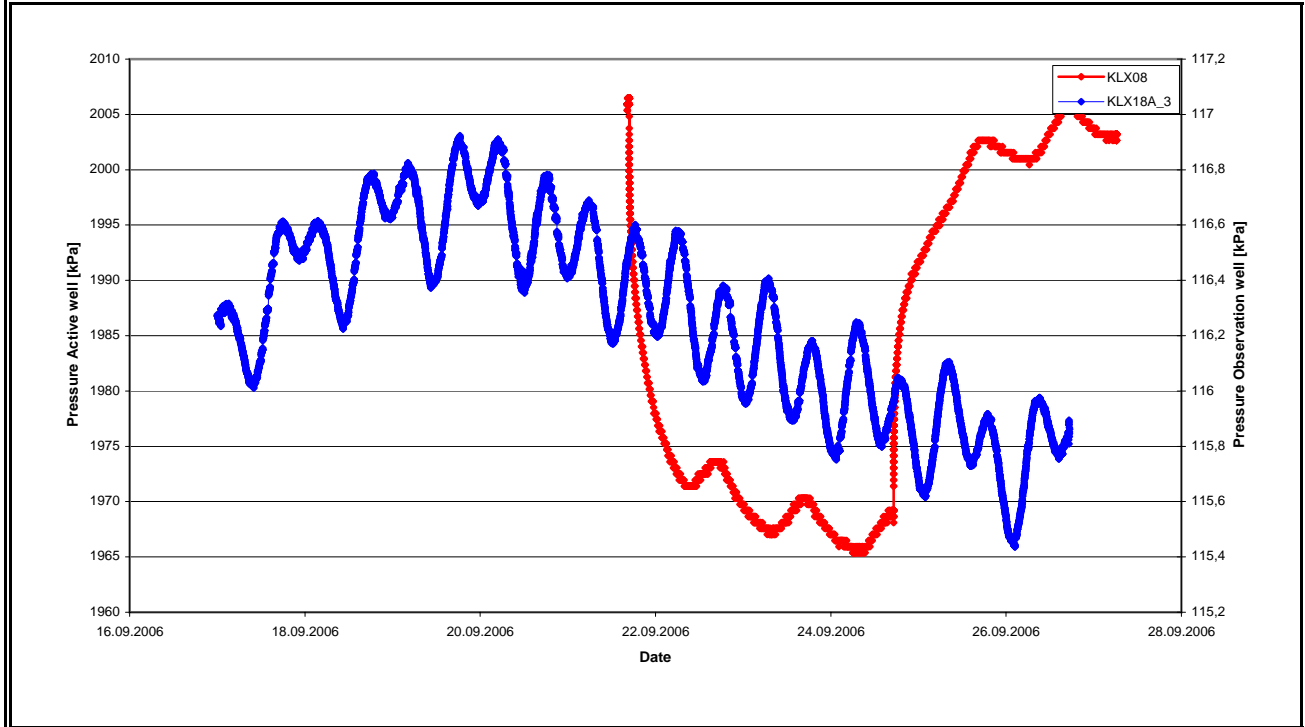
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Borehole: KLX08		
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APPENDIX 6-2

Index calculation

KLX08 Section 241.00 – 341.00 m pumped

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX11 Section no.: HLX11_1
 Section length: 17.00-70.00
 Distance r_s [m]: 1056,30 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	88,3
Pressure in test section before stop of flowing:	p_p	kPa	88,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

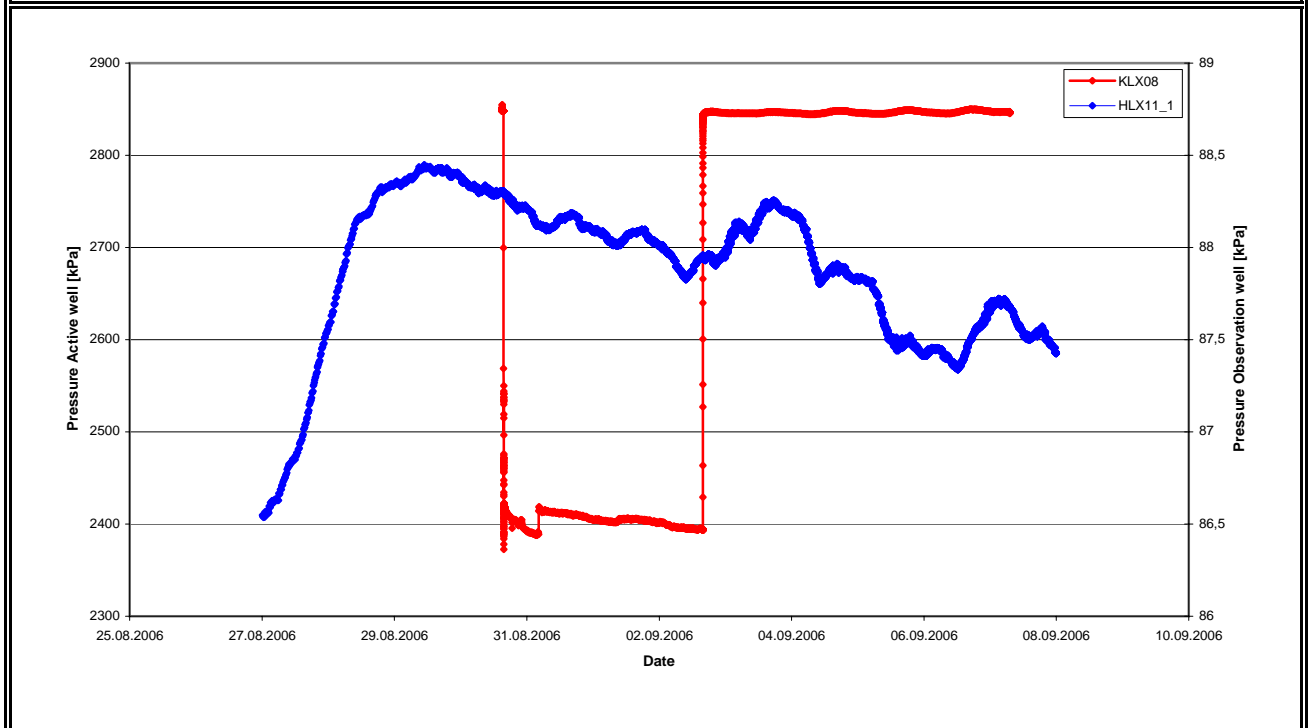
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX11 Section no.: HLX11_2
 Section length: 6.00-16.00
 Distance r_s [m]: 1056,30 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	87,6
Pressure in test section before stop of flowing:	p_p	kPa	87,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

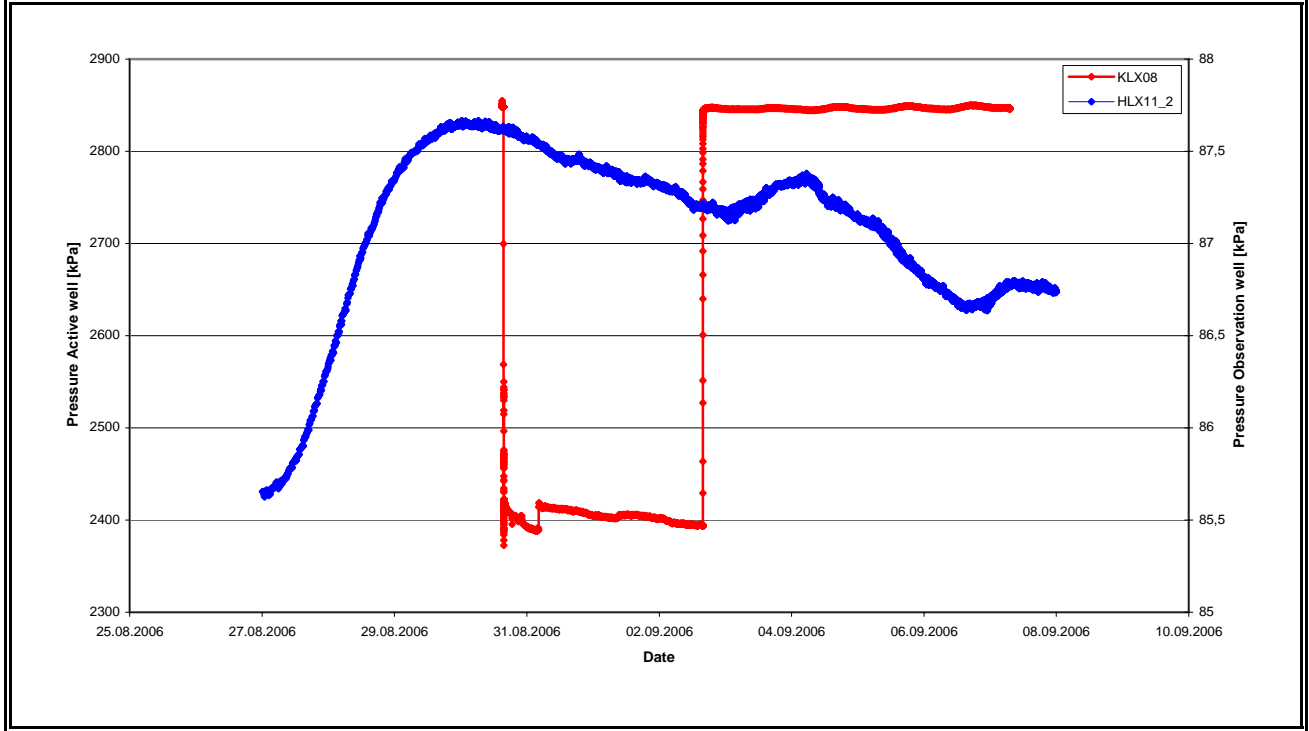
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX13 Section no.: HLX13_1
 Section length: 12.00-200.2
 Distance r_s [m]: 463,10 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	45,3
Pressure in test section before stop of flowing:	p_p	kPa	44,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

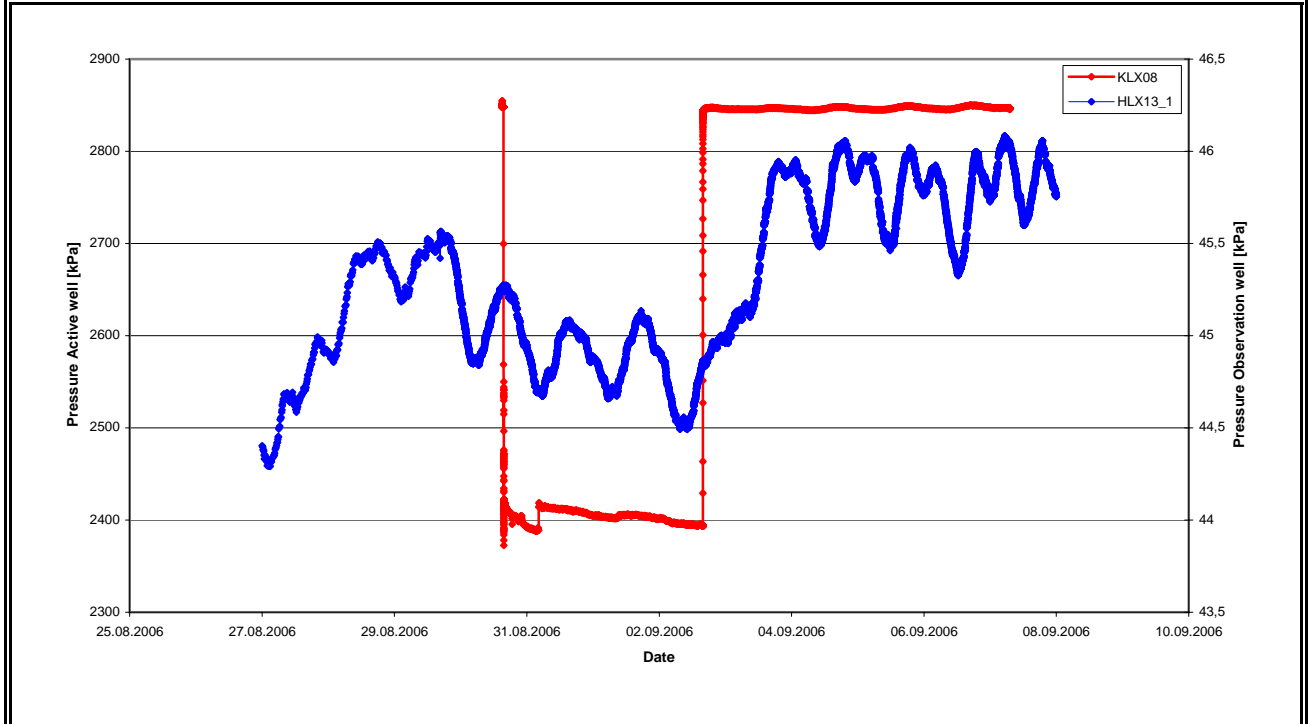
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX14 Section no.: HLX14_1
 Section length: 12.00-115.90
 Distance r_s [m]: 411,90 max. Drawdown s_p [m]:* 0,14
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	11,5
Pressure in test section before stop of flowing:	p_p	kPa	10,1
Maximum pressure change during flowing period:*	dp_p	kPa	1,4

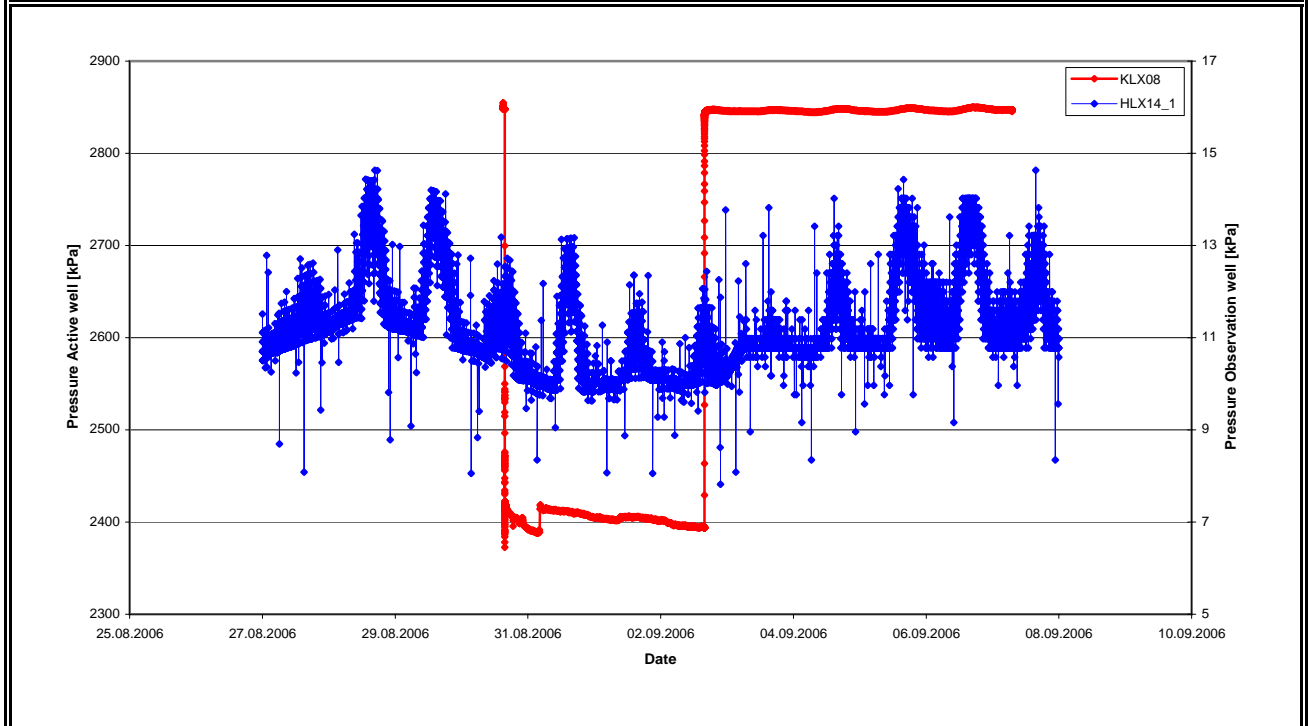
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	HLX23	Section no.:	HLX23_1
		Section length:	61.00-160.20
Distance r_s [m]:	887,50	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	100,3
Pressure in test section before stop of flowing:	p_p	kPa	100,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

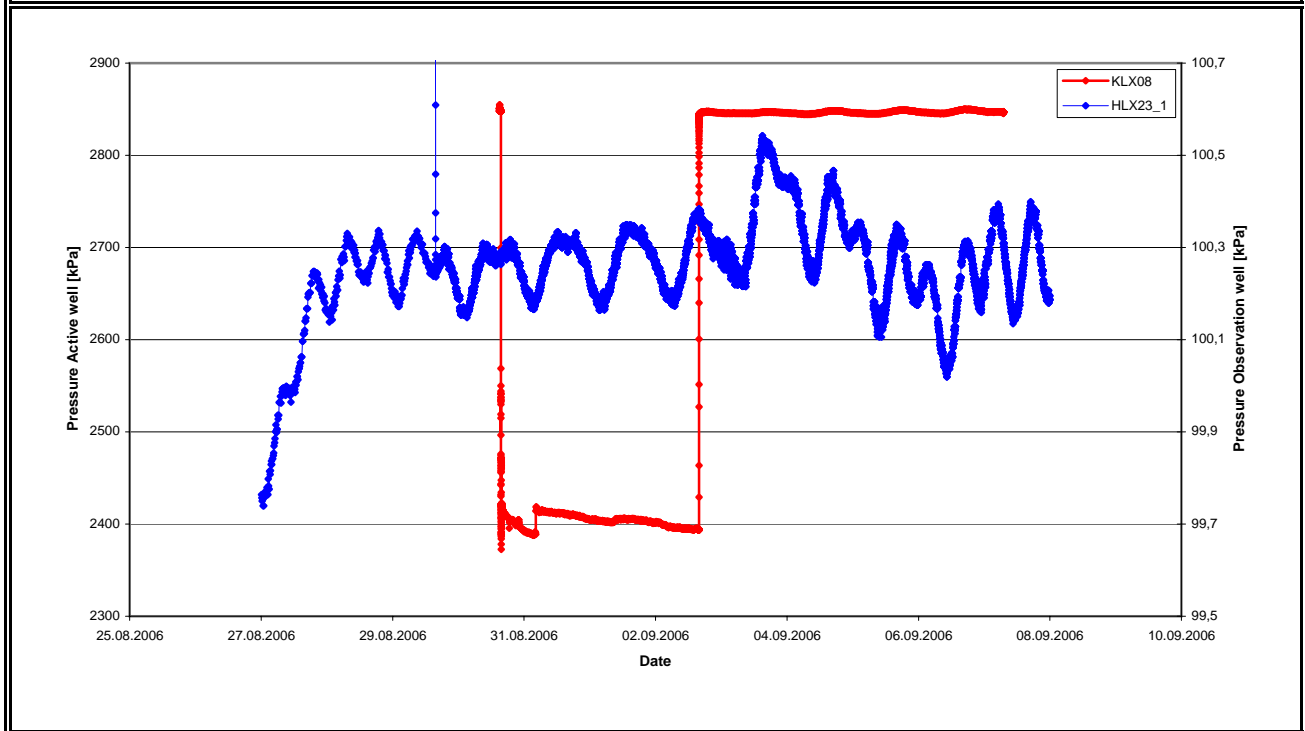
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX23 Section no.: HLX23_2
 Section length: 6.10-60.00
 Distance r_s [m]: 886,80 max. Drawdown s_p [m]:* 0,00
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,3
Pressure in test section before stop of flowing:	p_p	kPa	99,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

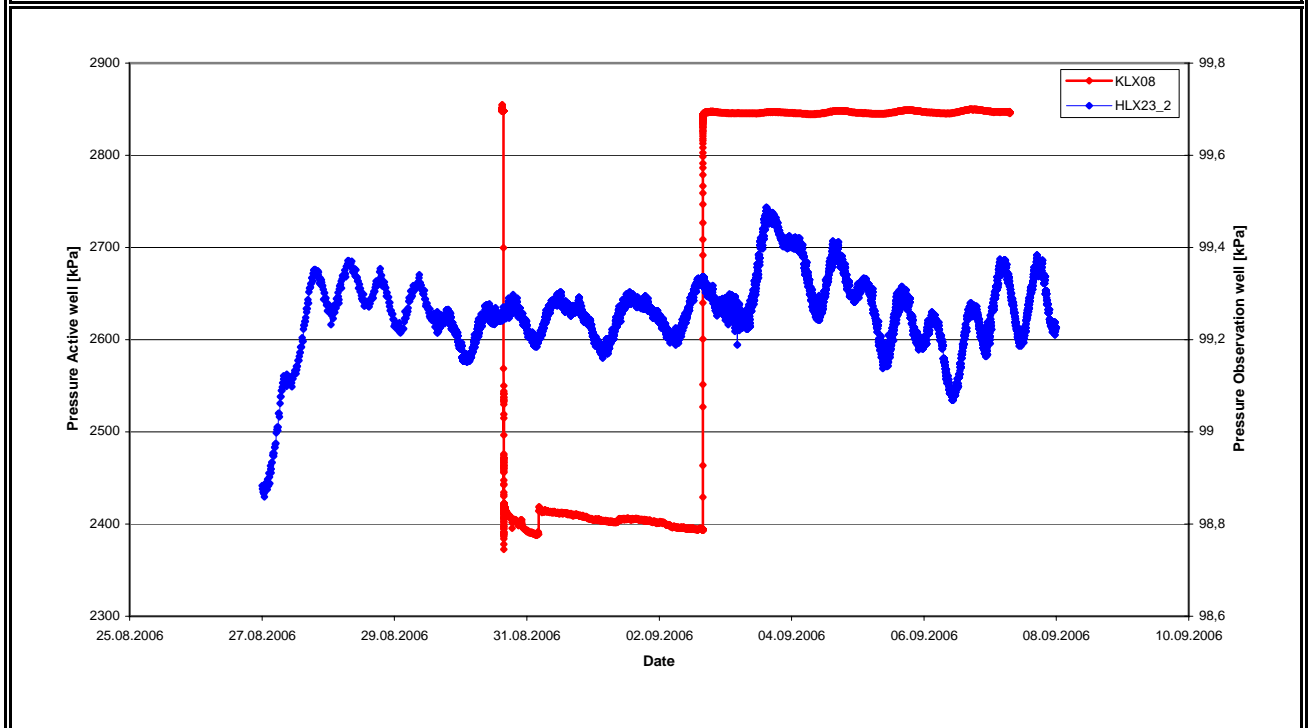
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX24 Section no.: HLX24_1
 Section length: 41.00-175.20
 Distance r_s [m]: 845,00 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	100,7
Pressure in test section before stop of flowing:	p_p	kPa	100,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

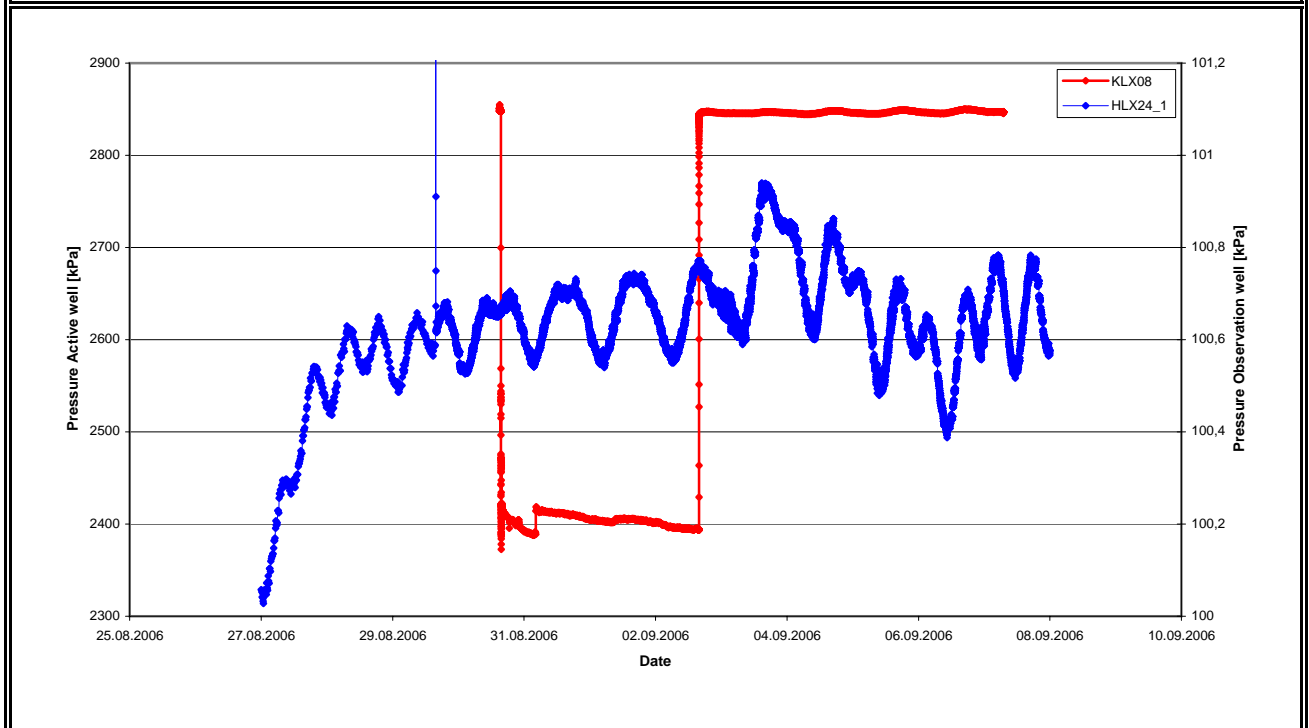
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX24 Section no.: HLX24_2
 Section length: 9.10-40.00
 Distance r_s [m]: 896,10 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	100,3
Pressure in test section before stop of flowing:	p_p	kPa	100,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

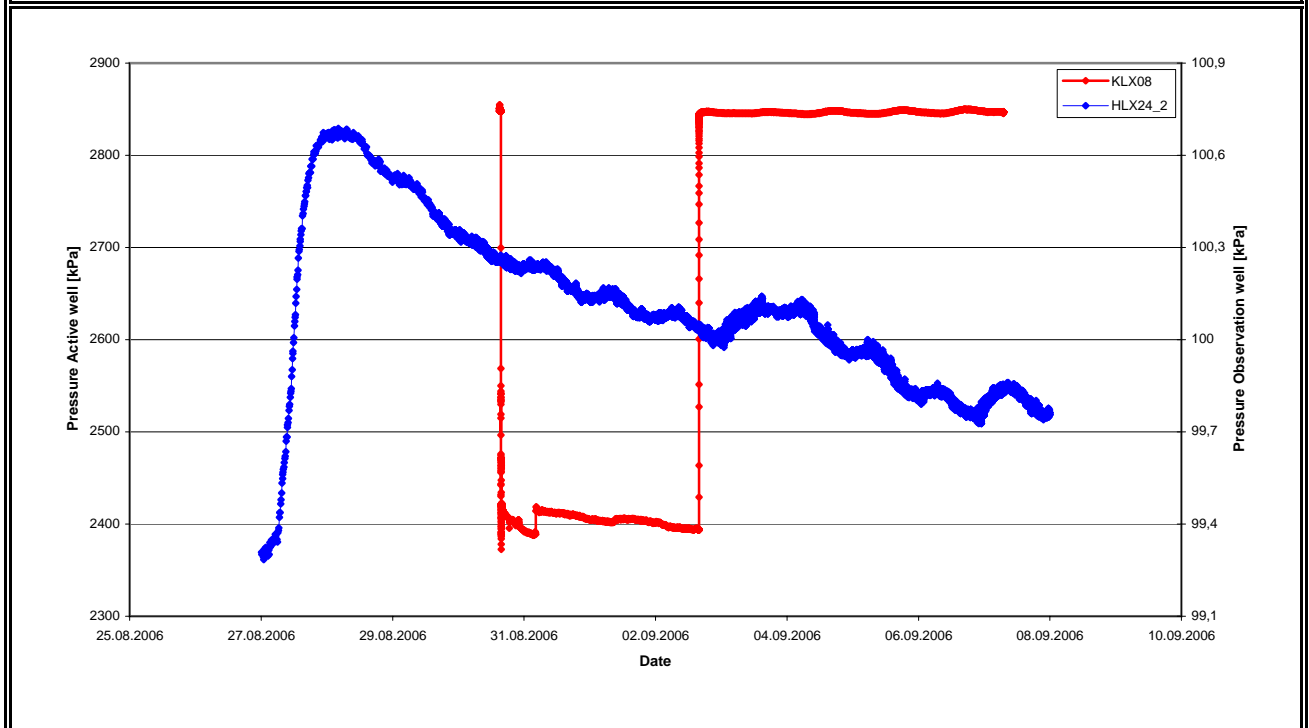
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	HLX25	Section no.:	HLX25_1
		Section length:	61.00-202.50
Distance r_s [m]:	339,80	max. Drawdown s_p [m]:*	0,07
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,3
Pressure in test section before stop of flowing:	p_p	kPa	85,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,7
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	839,48	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	4892,79	
			* see comment
Comment:	clear response due to pumping in source pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)		

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX25 Section no.: HLX25_2
 Section length: 6.12-60.00
 Distance r_s [m]: 416,70 max. Drawdown s_p [m]:* 0,07
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,8
Pressure in test section before stop of flowing:	p_p	kPa	86,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,7

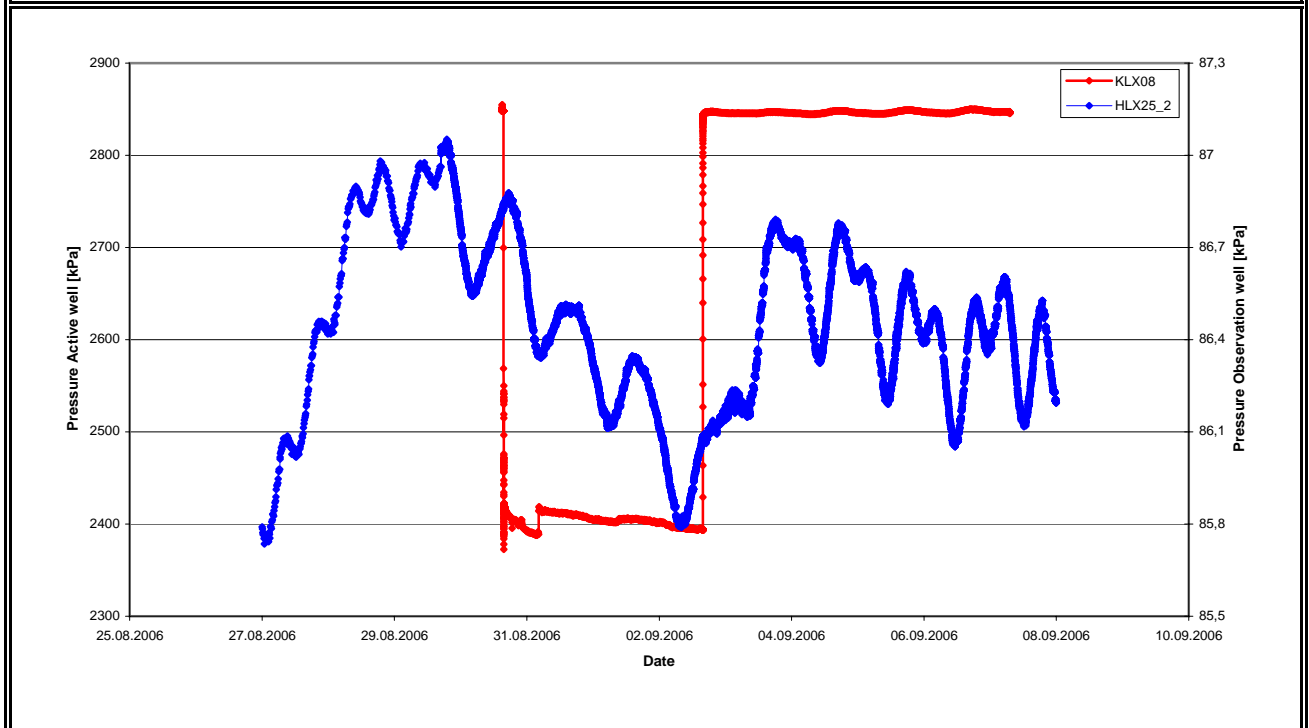
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 839,48

$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): 5064,05

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX30 Section no.: HLX30_1
 Section length: 101.00-163.40
 Distance r_s [m]: 220,90 max. Drawdown s_p [m]:* 0,06
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,0
Pressure in test section before stop of flowing:	p_p	kPa	93,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

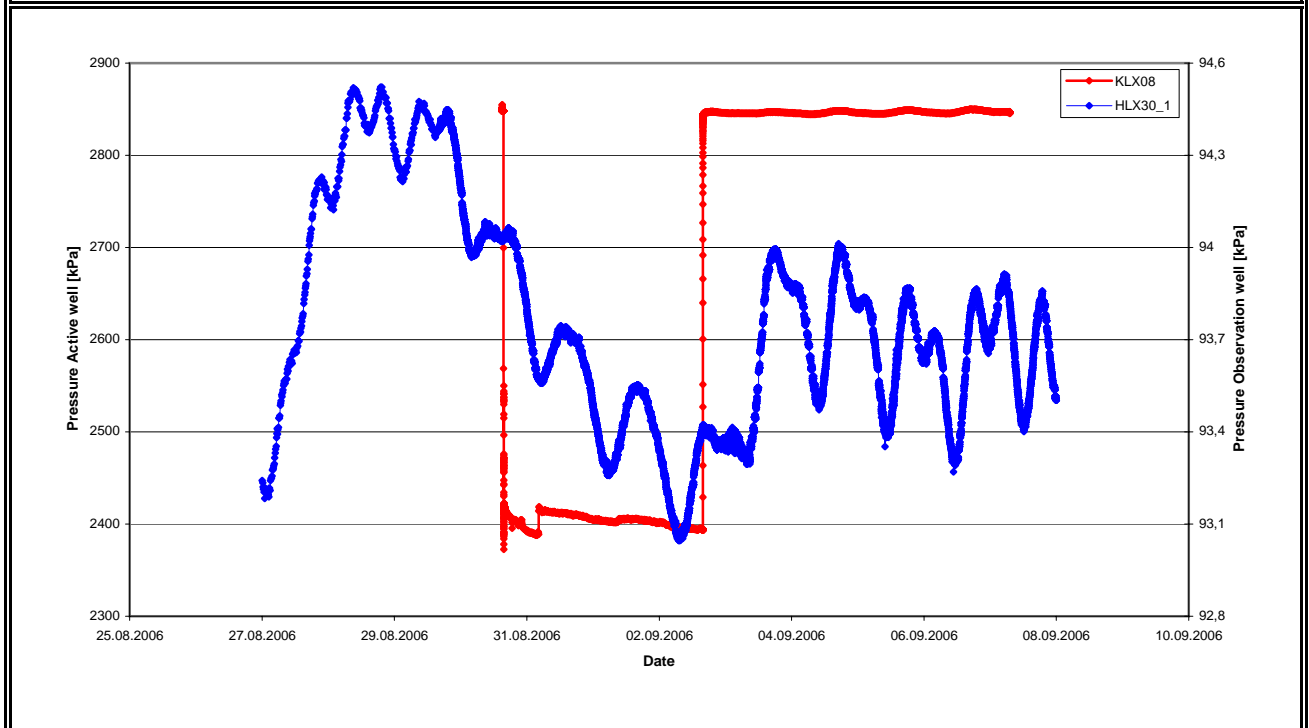
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 719,55

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 3883,94

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX30 Section no.: HLX30_2
 Section length: 9.10-100.0
 Distance r_s [m]: 260,40 max. Drawdown s_p [m]:* 0,06
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,5
Pressure in test section before stop of flowing:	p_p	kPa	93,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

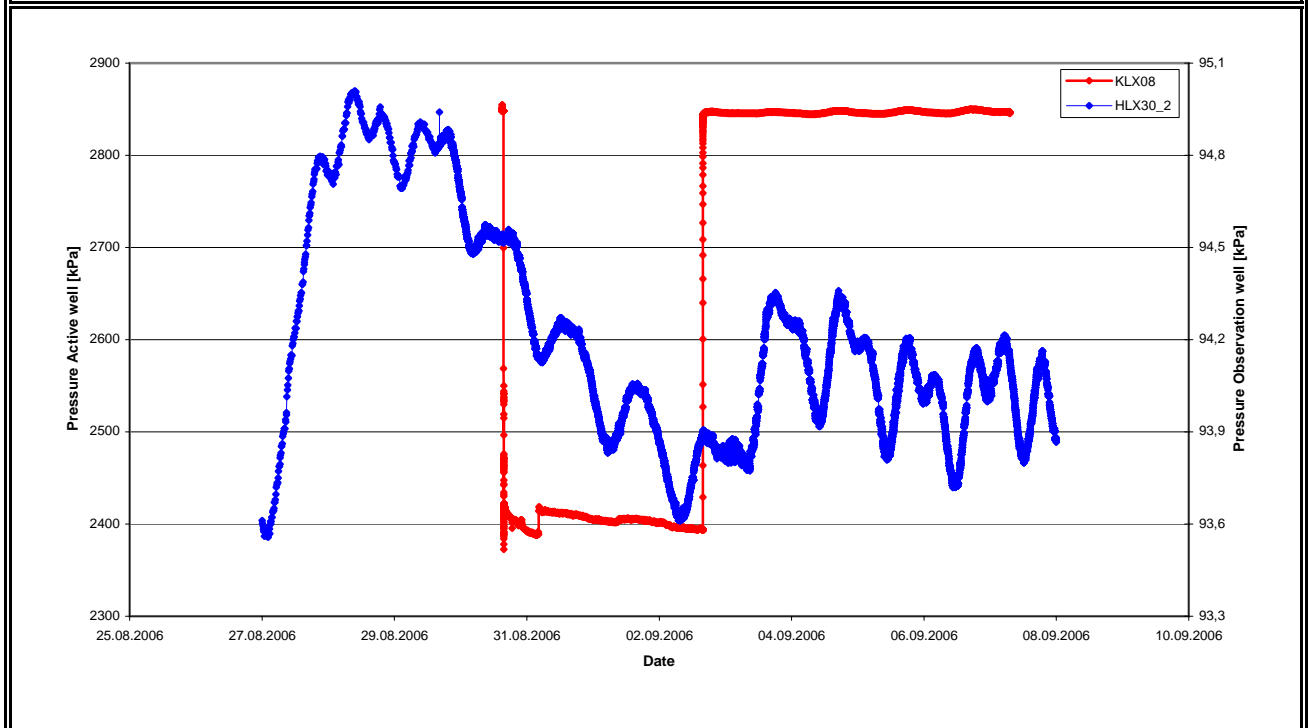
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 719,55

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 4002,32

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX31 Section no.: HLX31_1
 Section length: 9.10-133.20
 Distance r_s [m]: 244,20 max. Drawdown s_p [m]:* 0,06
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,7
Pressure in test section before stop of flowing:	p_p	kPa	93,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

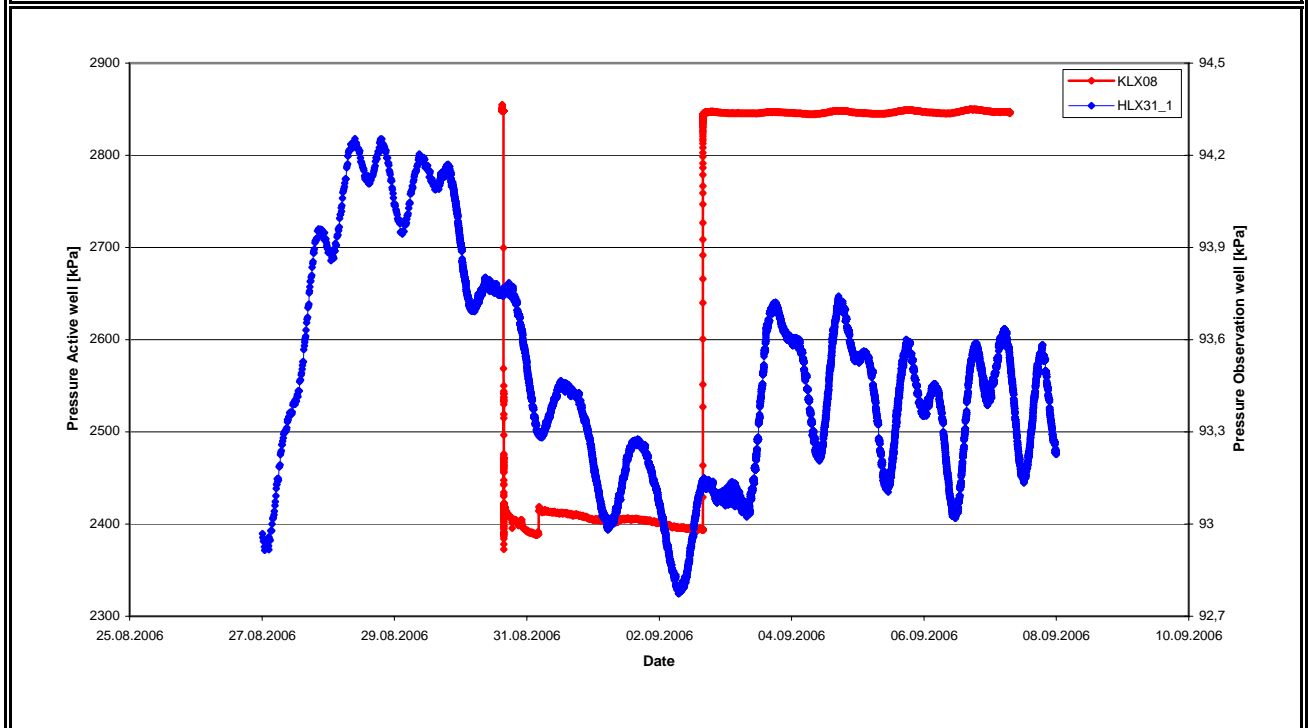
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 719,55

$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): 3956,10

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX33 Section no.: HLX33_1
 Section length: 31.00-202.10
 Distance r_s [m]: 622,60 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	100,5
Pressure in test section before stop of flowing:	p_p	kPa	100,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

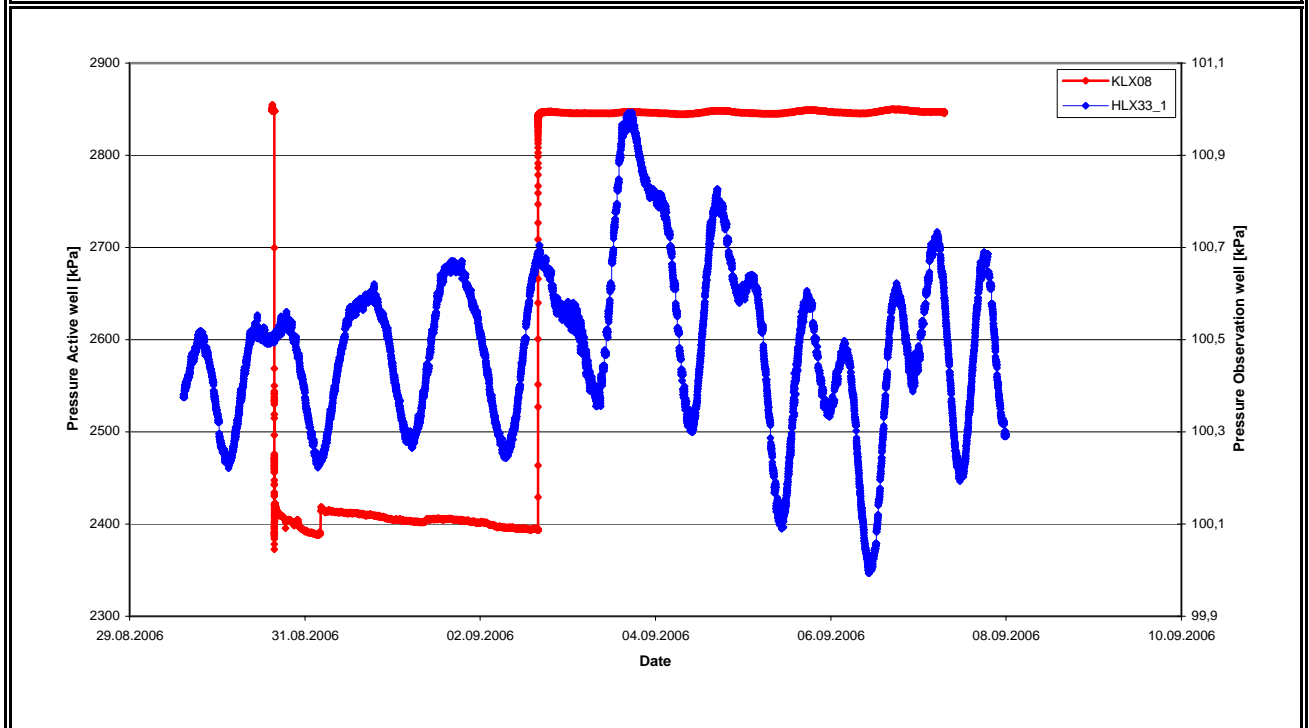
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	HLX33	Section no.:	HLX33_2
		Section length:	9.10-30.00
Distance r_s [m]:	681,60	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,9
Pressure in test section before stop of flowing:	p_p	kPa	100,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

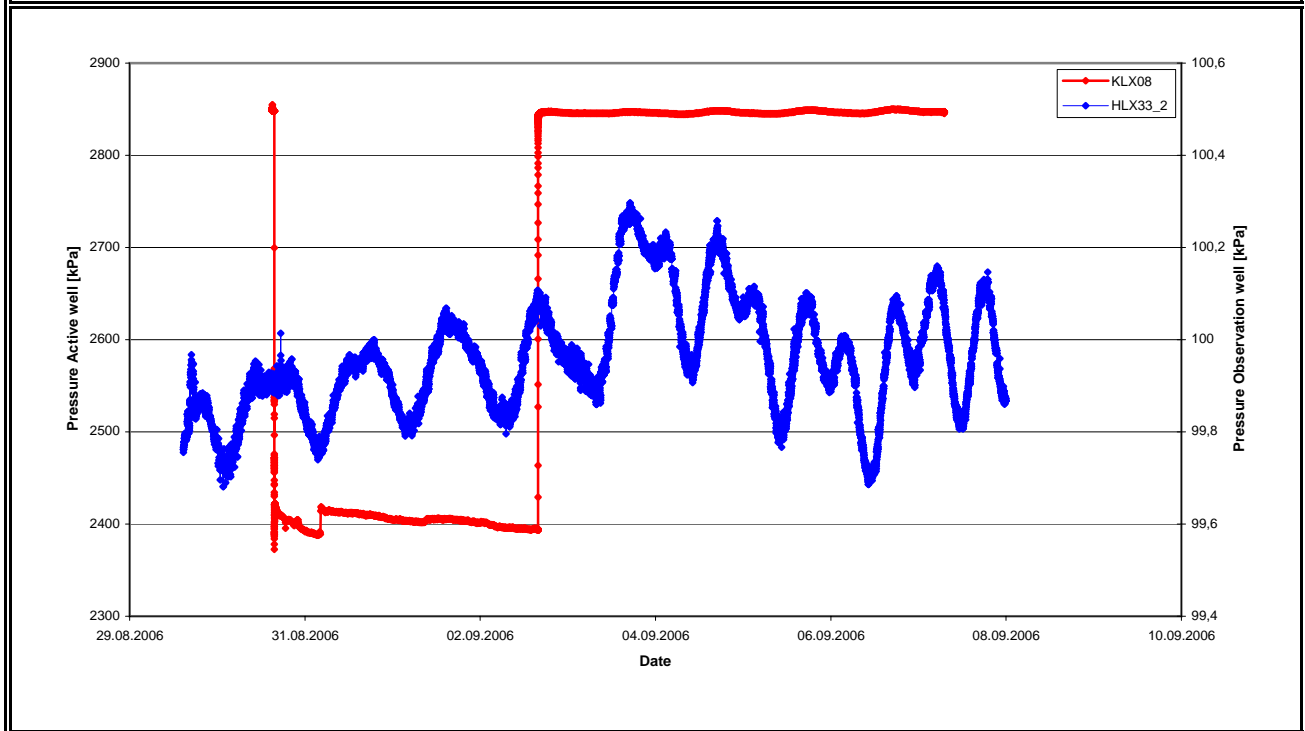
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	HLX34	Section no.:	HLX34_1
		Section length:	9.10-151.80
Distance r_s [m]:	713,40	max. Drawdown s_p [m]:*	0,15
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	119,4
Pressure in test section before stop of flowing:	p_p	kPa	120,9
Maximum pressure change during flowing period:*	dp_p	kPa	1,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	HLX35	Section no.:	HLX35_1
		Section length:	65.00-151.80
Distance r_s [m]:	764,80	max. Drawdown s_p [m]:*	0,14
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	110,2
Pressure in test section before stop of flowing:	p_p	kPa	111,6
Maximum pressure change during flowing period:*	dp_p	kPa	1,4
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: HLX35 Section no.: HLX35_2
 Section length: 6.10-64.00
 Distance r_s [m]: 743,70 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	109,0
Pressure in test section before stop of flowing:	p_p	kPa	108,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

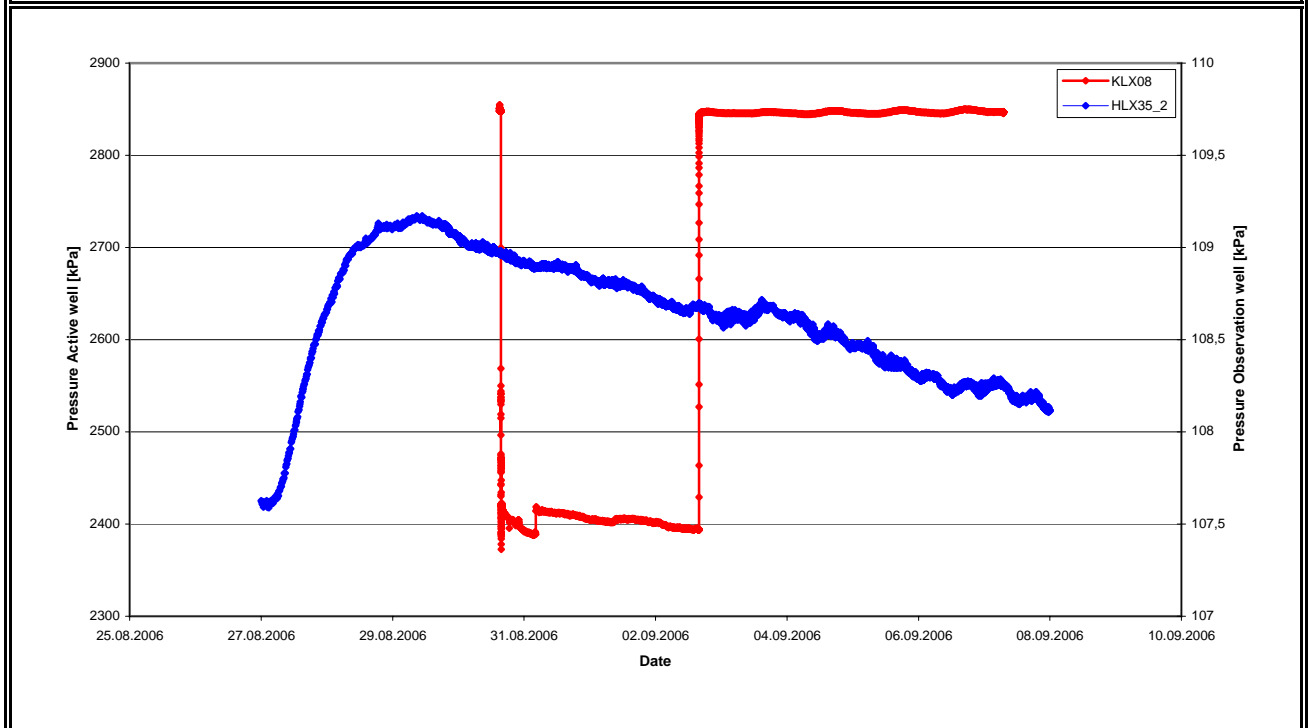
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX02 Section no.: KLX02_1
 Section length: 1165.00-1700.00
 Distance r_s [m]: 1609,30 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	71,6
Pressure in test section before stop of flowing:	p_p	kPa	71,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

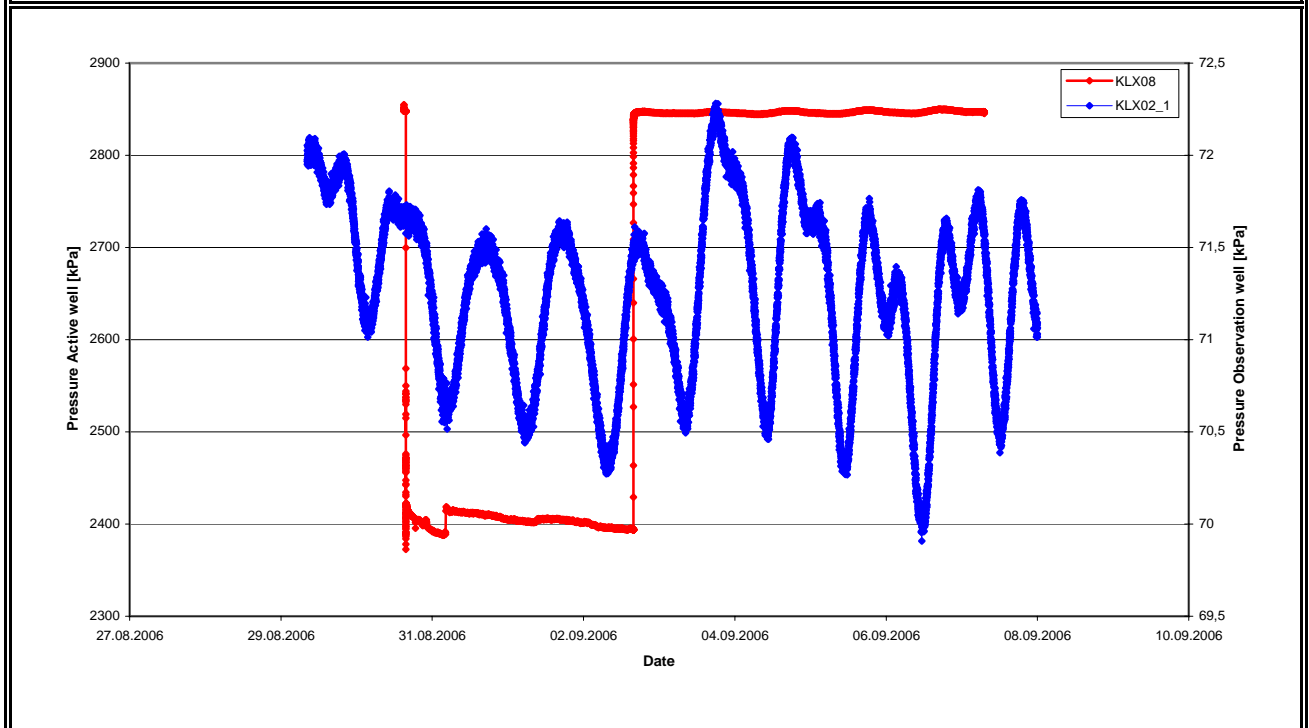
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX02 Section no.: KLX02_2
 Section length: 1145.00-1164.00
 Distance r_s [m]: 1421,70 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	56,0
Pressure in test section before stop of flowing:	p_p	kPa	55,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

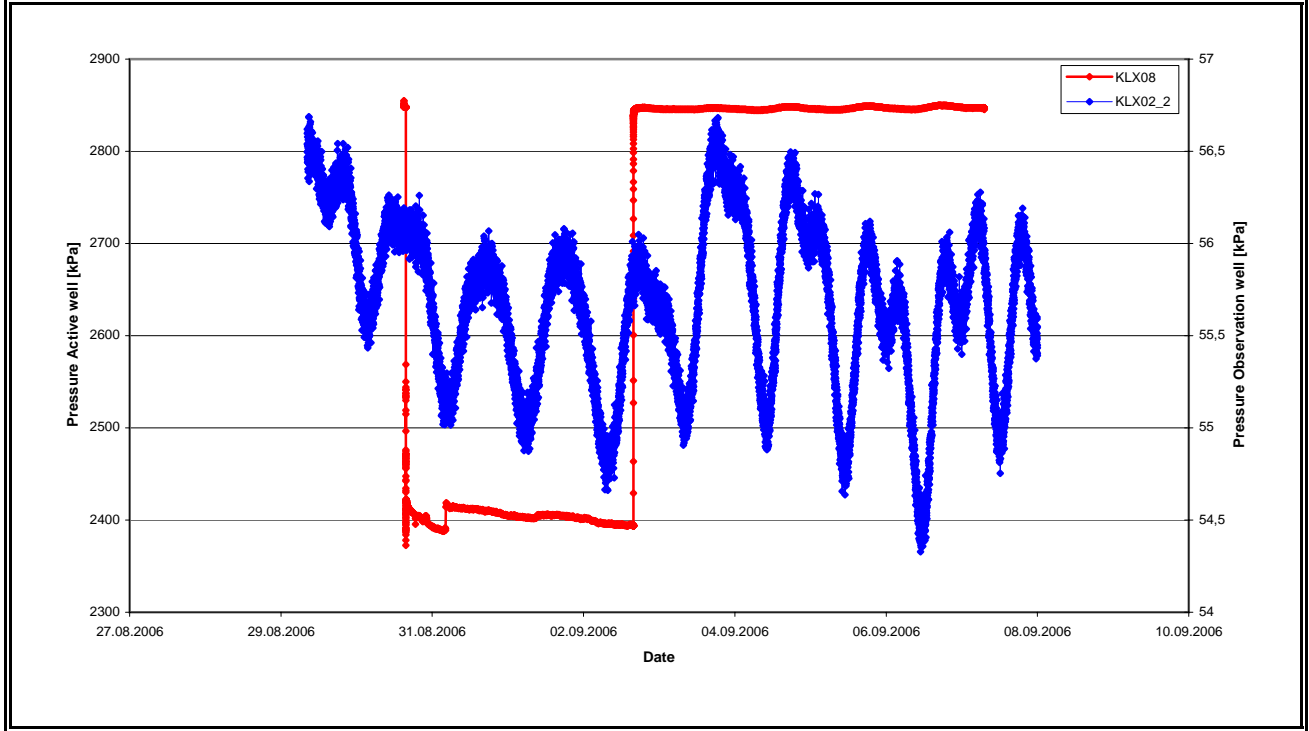
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX02 Section no.: KLX02_3
 Section length: 718.00-1144.00
 Distance r_s [m]: 1294,80 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	27,4
Pressure in test section before stop of flowing:	p_p	kPa	27,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

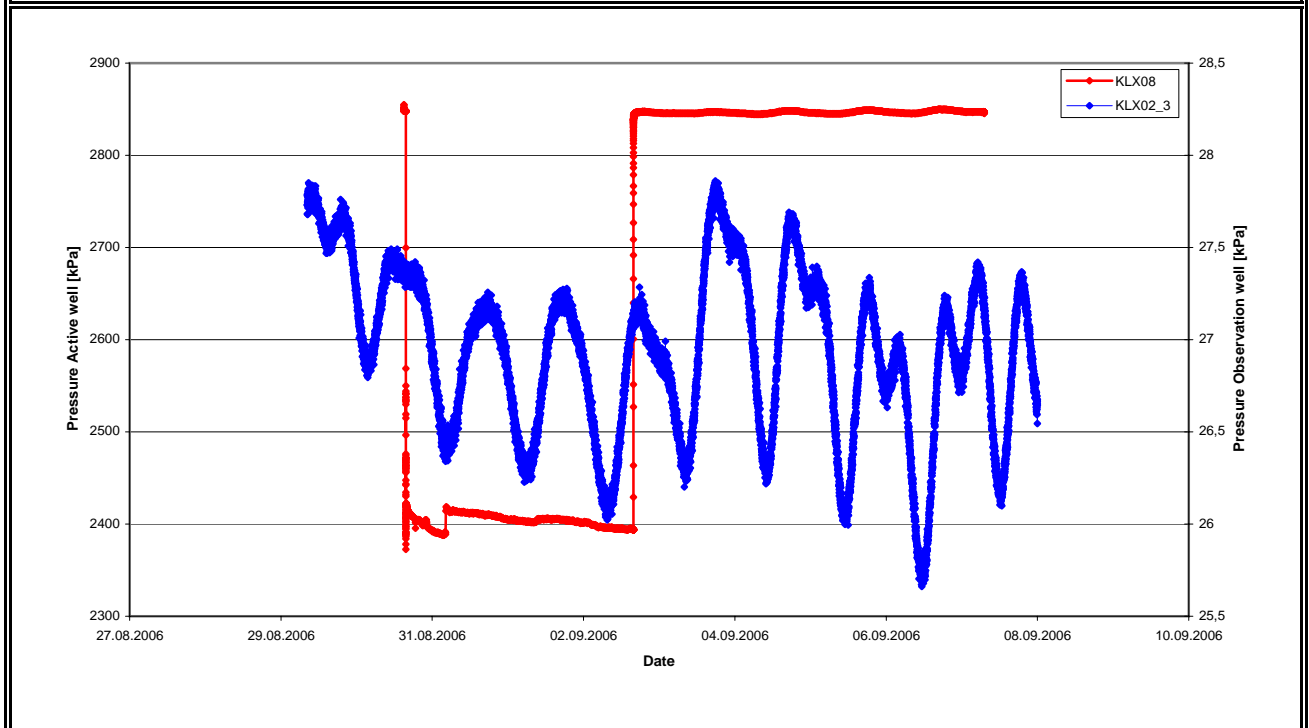
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX02	Section no.:	KLX02_4
		Section length:	495.00-717.00
Distance r_s [m]:	1163,60	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	52,5
Pressure in test section before stop of flowing:	p_p	kPa	52,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

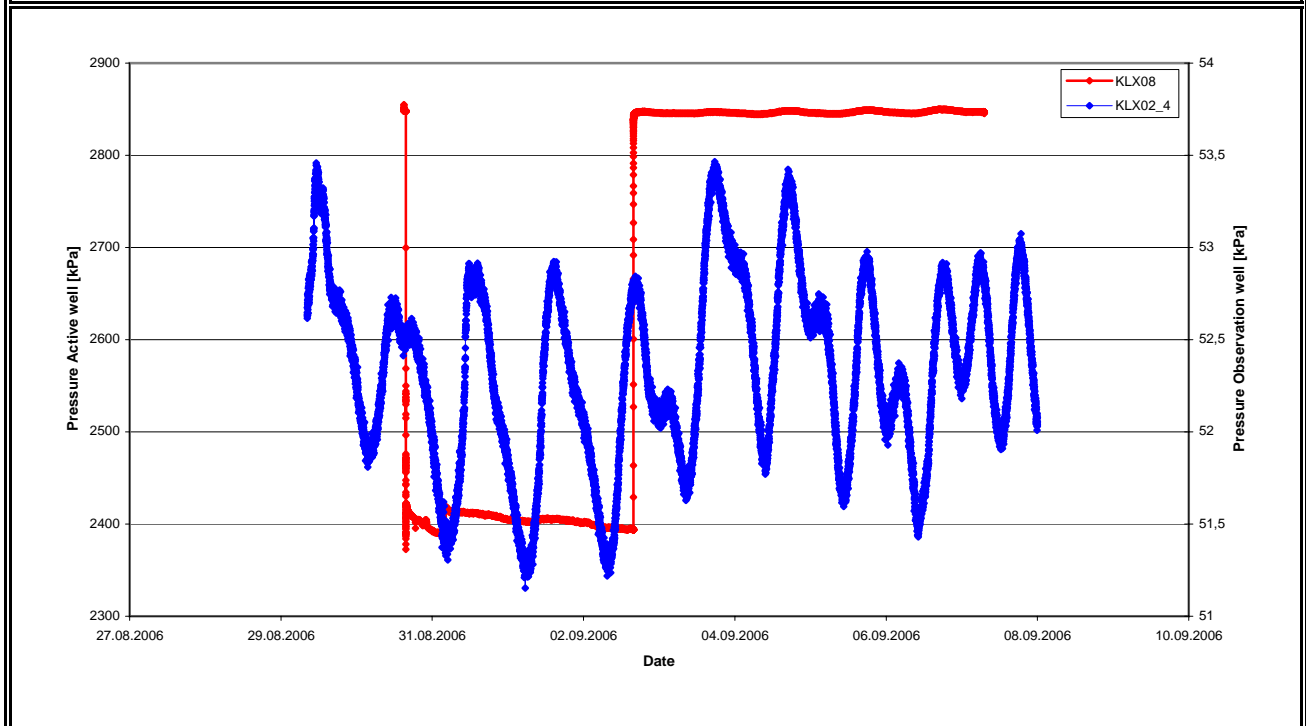
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX02 Section no.: KLX02_5
 Section length: 452.00-494.00
 Distance r_s [m]: 1132,70 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	60,0
Pressure in test section before stop of flowing:	p_p	kPa	60,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

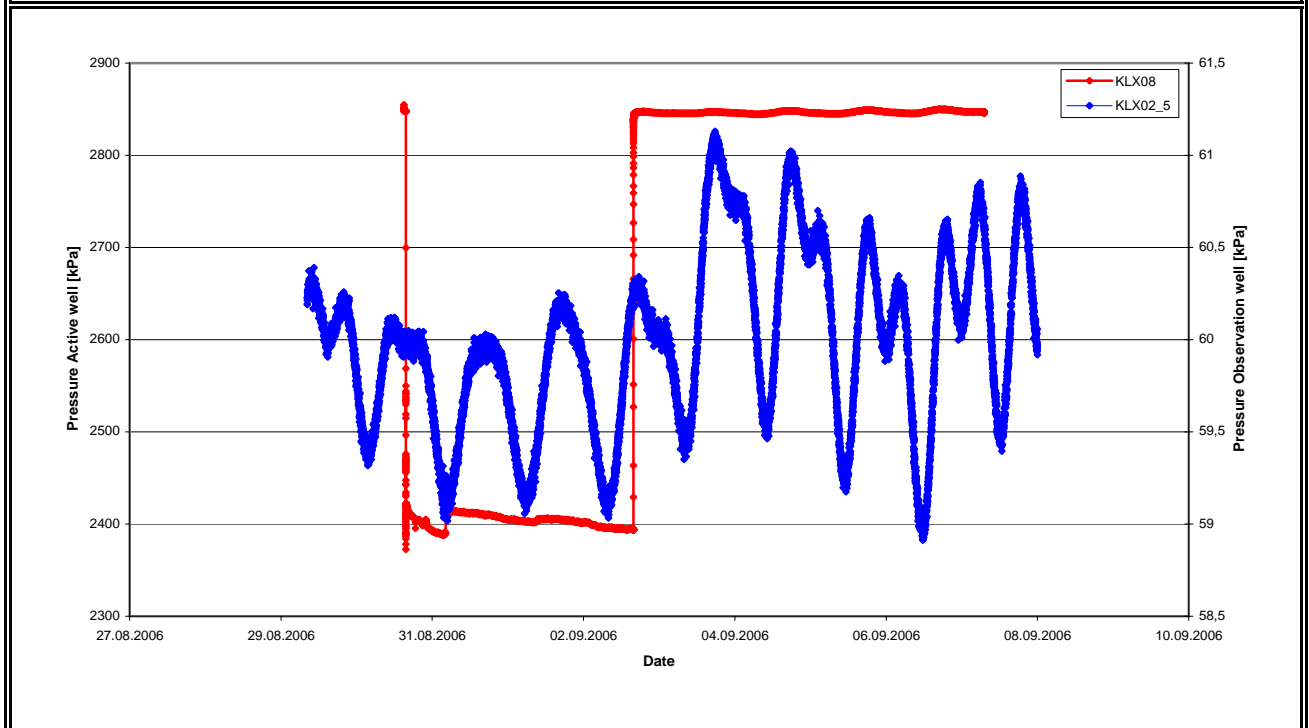
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX02	Section no.:	KLX02_6
		Section length:	348.00-451.00
Distance r_s [m]:	1121,90	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	65,8
Pressure in test section before stop of flowing:	p_p	kPa	66,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

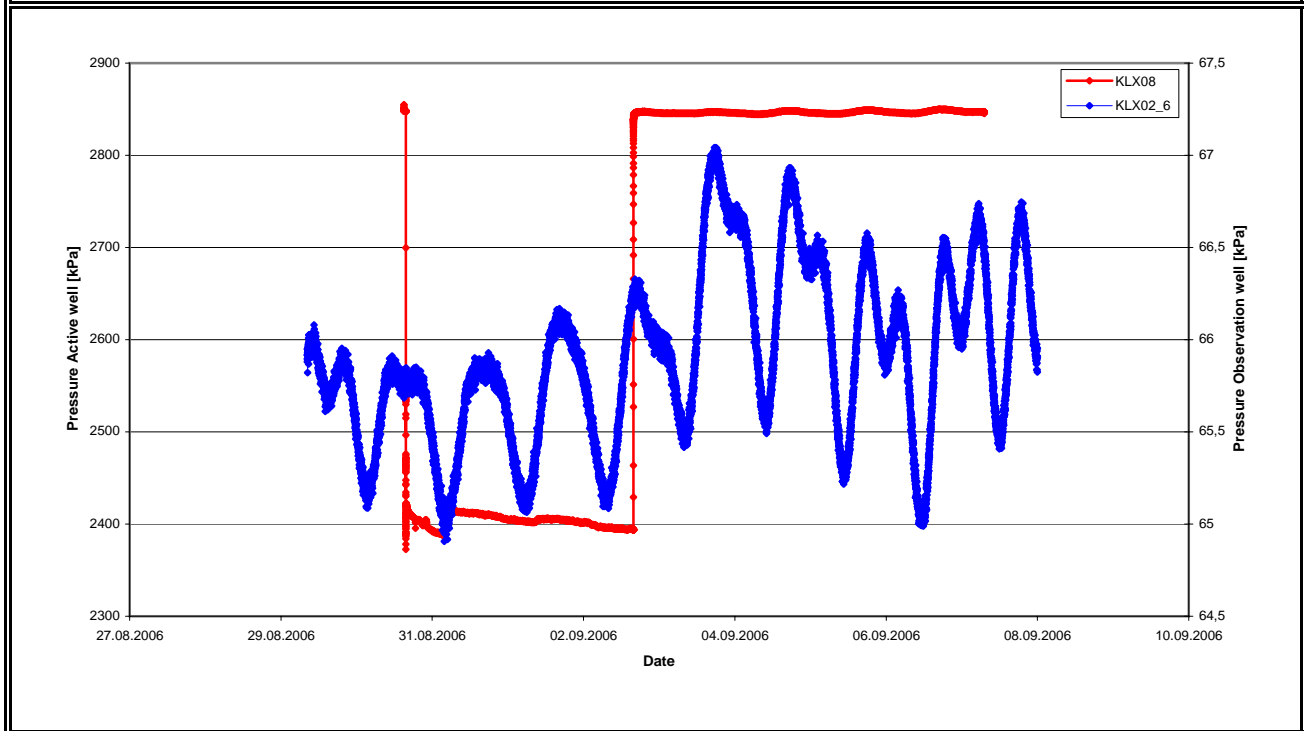
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX02	Section no.:	KLX02_7
		Section length:	209.00-347.00
Distance r_s [m]:	1114,70	max. Drawdown s_p [m]:*	0,07
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	80,2
Pressure in test section before stop of flowing:	p_p	kPa	80,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,7

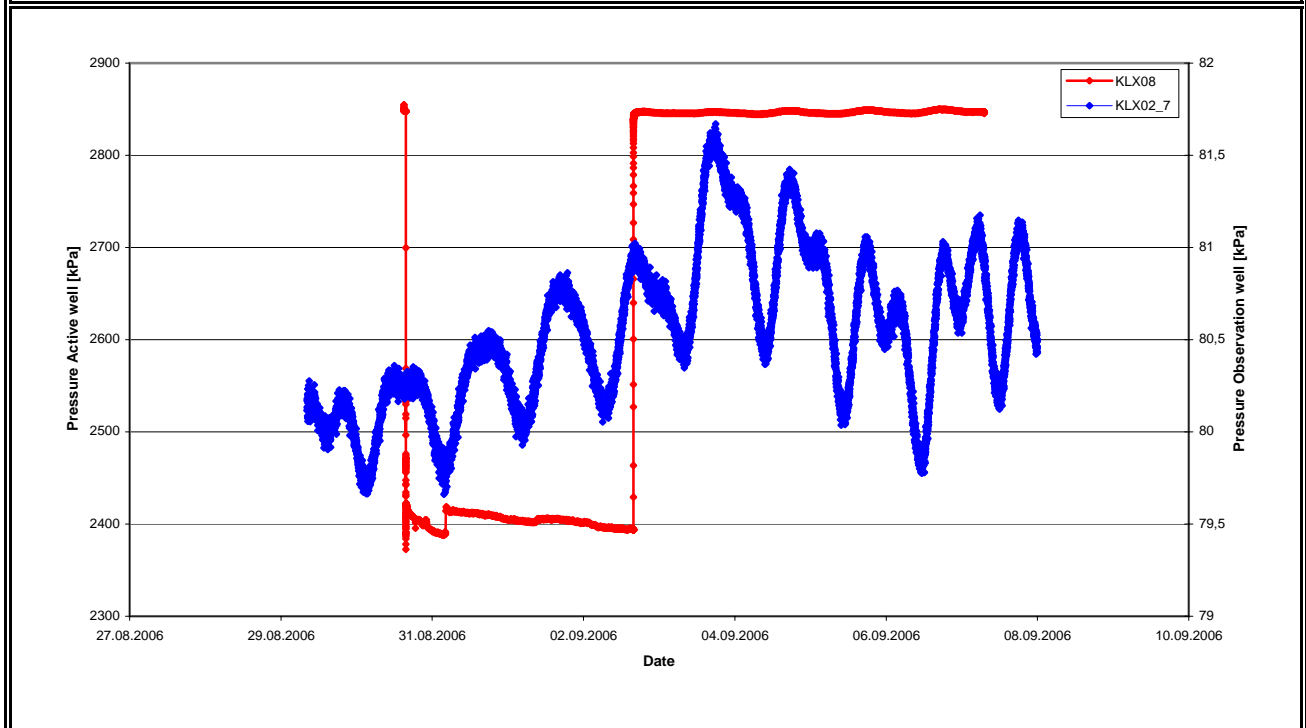
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX02 Section no.: KLX02_8
 Section length: 100.35-208.00
 Distance r_s [m]: 1116,70 max. Drawdown s_p [m]:* 0,08
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	103,1
Pressure in test section before stop of flowing:	p_p	kPa	103,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,8

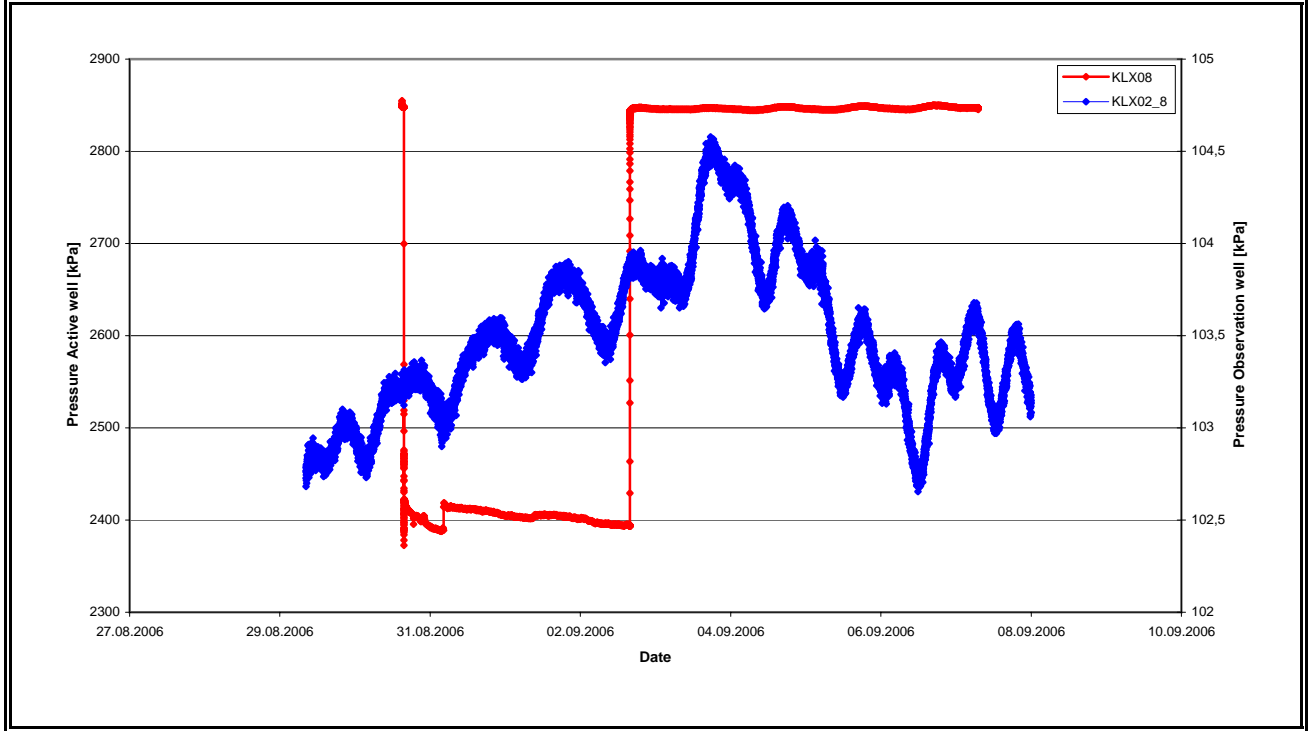
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX03	Section no.:	KLX03_1
		Section length:	965.00-971.00
Distance r_s [m]:	1338,00	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	114,3
Pressure in test section before stop of flowing:	p_p	kPa	114,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,2
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX03	Section no.:	KLX03_2
		Section length:	830.00-964.00
Distance r_s [m]:	1292,60	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,9
Pressure in test section before stop of flowing:	p_p	kPa	94,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,2
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX03	Section no.:	KLX03_3
		Section length:	752.00-829.00
Distance r_s [m]:	1212,40	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,1
Pressure in test section before stop of flowing:	p_p	kPa	94,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

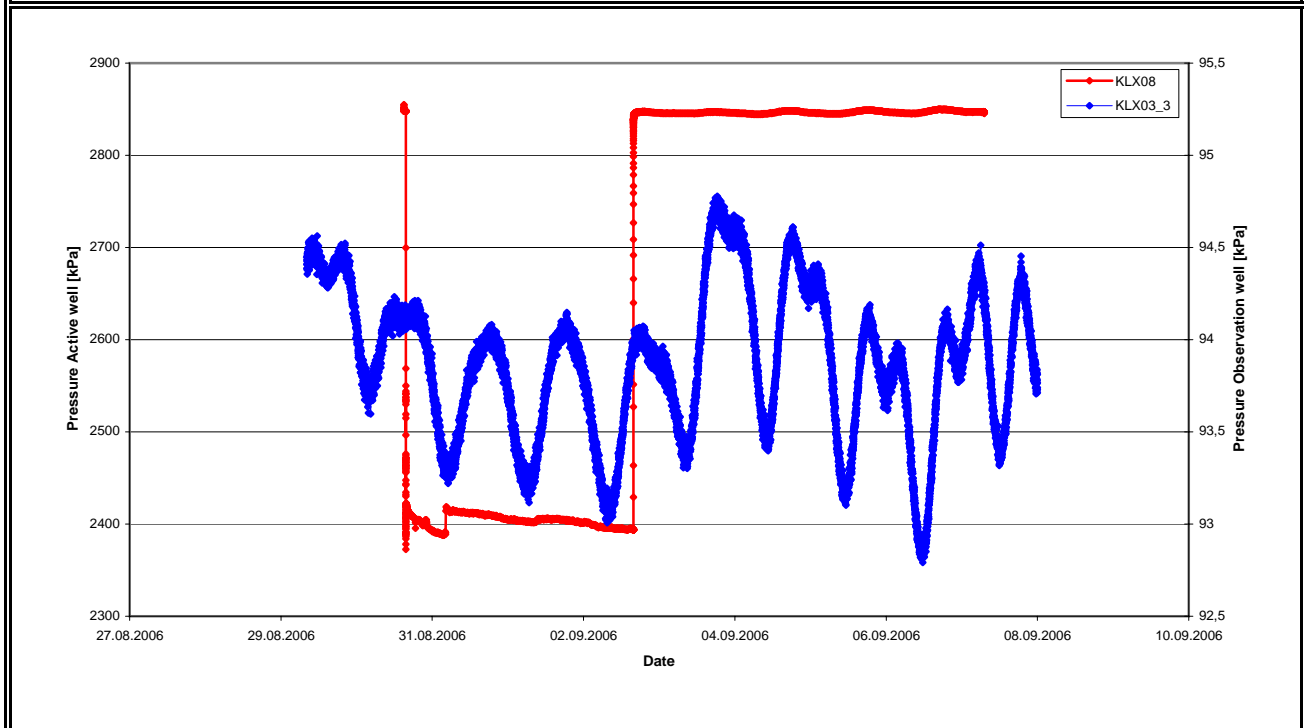
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX03	Section no.:	KLX03_4
		Section length:	729.00-751.00
Distance r_s [m]:	1197,80	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,1
Pressure in test section before stop of flowing:	p_p	kPa	92,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

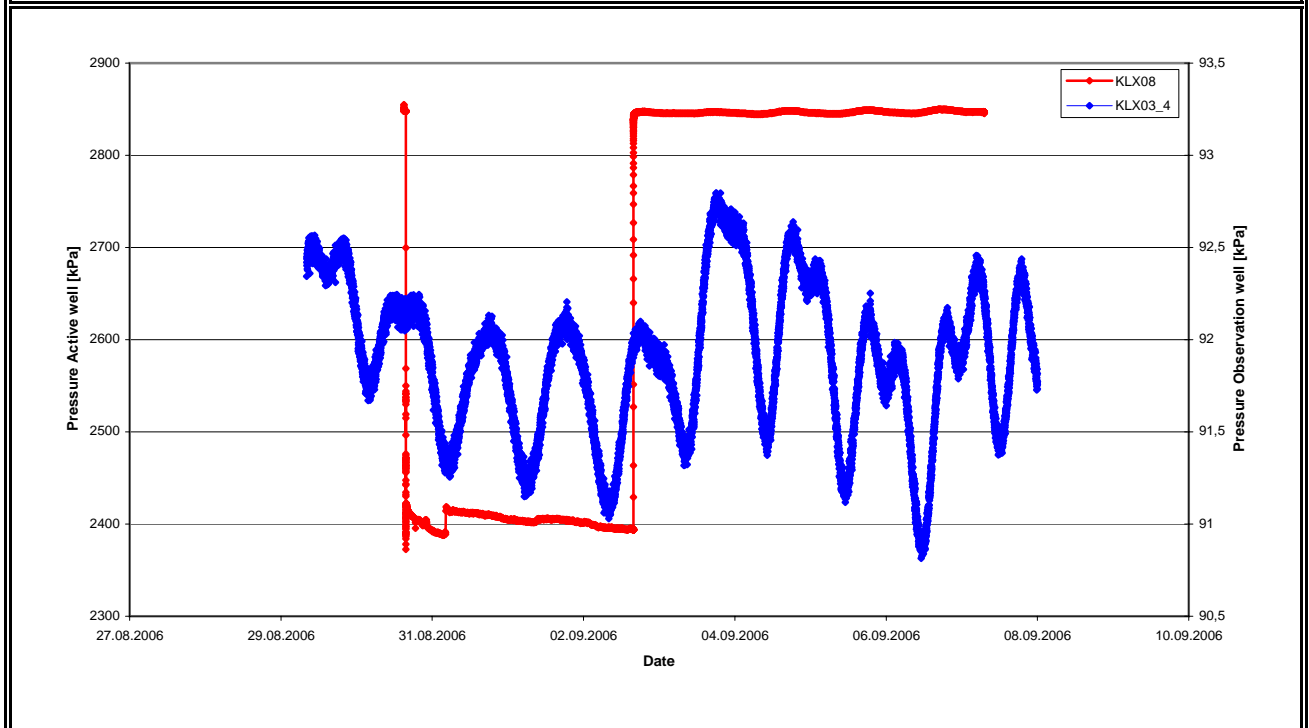
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX03 Section no.: KLX03_5
 Section length: 652.00-728.00
 Distance r_s [m]: 1149,90 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,3
Pressure in test section before stop of flowing:	p_p	kPa	93,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

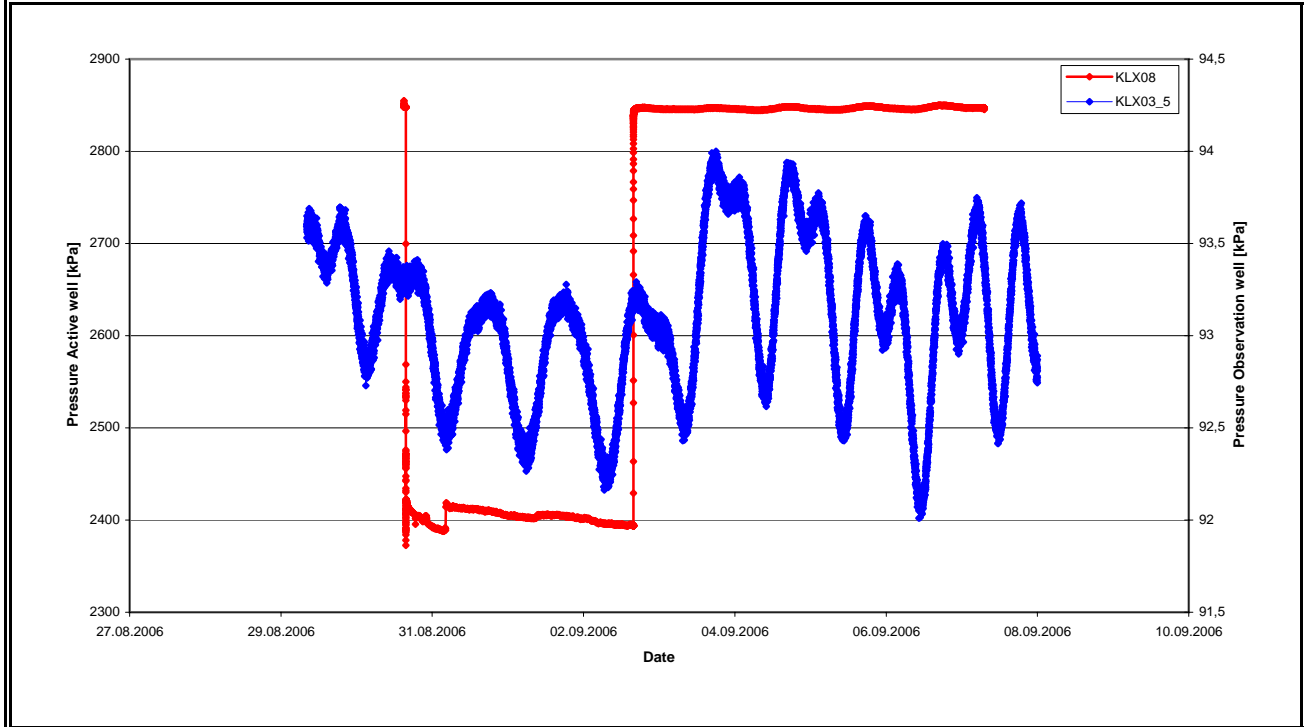
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX03	Section no.:	KLX03_6
		Section length:	465.00-651.00
Distance r_s [m]:	1128,60	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	90,5
Pressure in test section before stop of flowing:	p_p	kPa	90,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

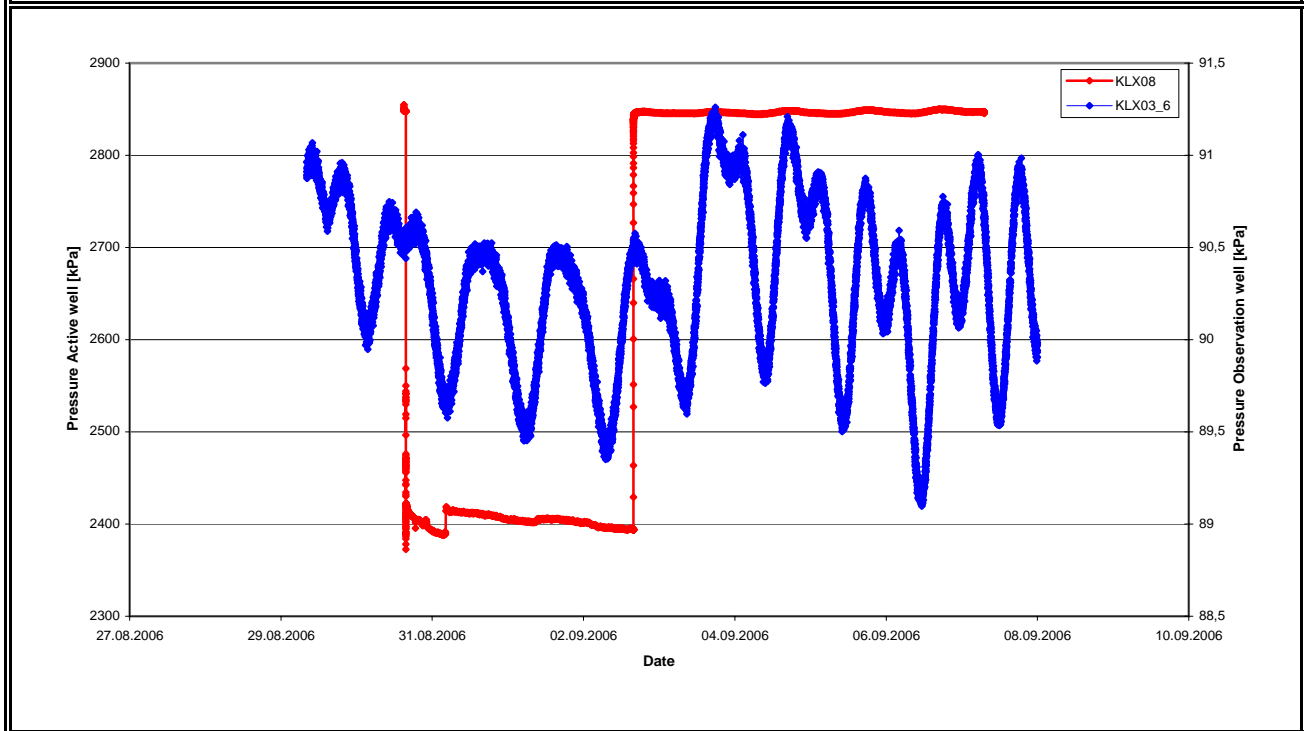
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX03 Section no.: KLX03_7
 Section length: 349.00-464.00
 Distance r_s [m]: 1034,00 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	87,7
Pressure in test section before stop of flowing:	p_p	kPa	87,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

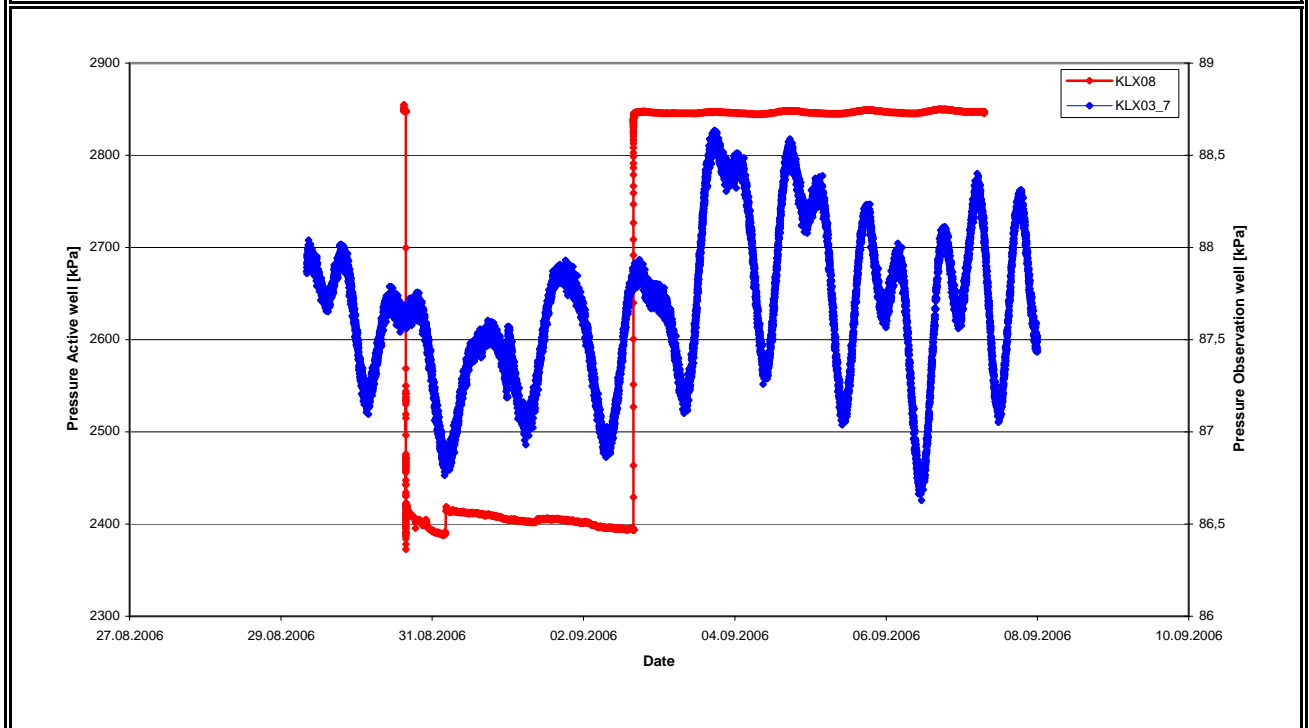
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX03 Section no.: KLX03_8
 Section length: 199.00-348.00
 Distance r_s [m]: 988,20 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	95,1
Pressure in test section before stop of flowing:	p_p	kPa	95,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

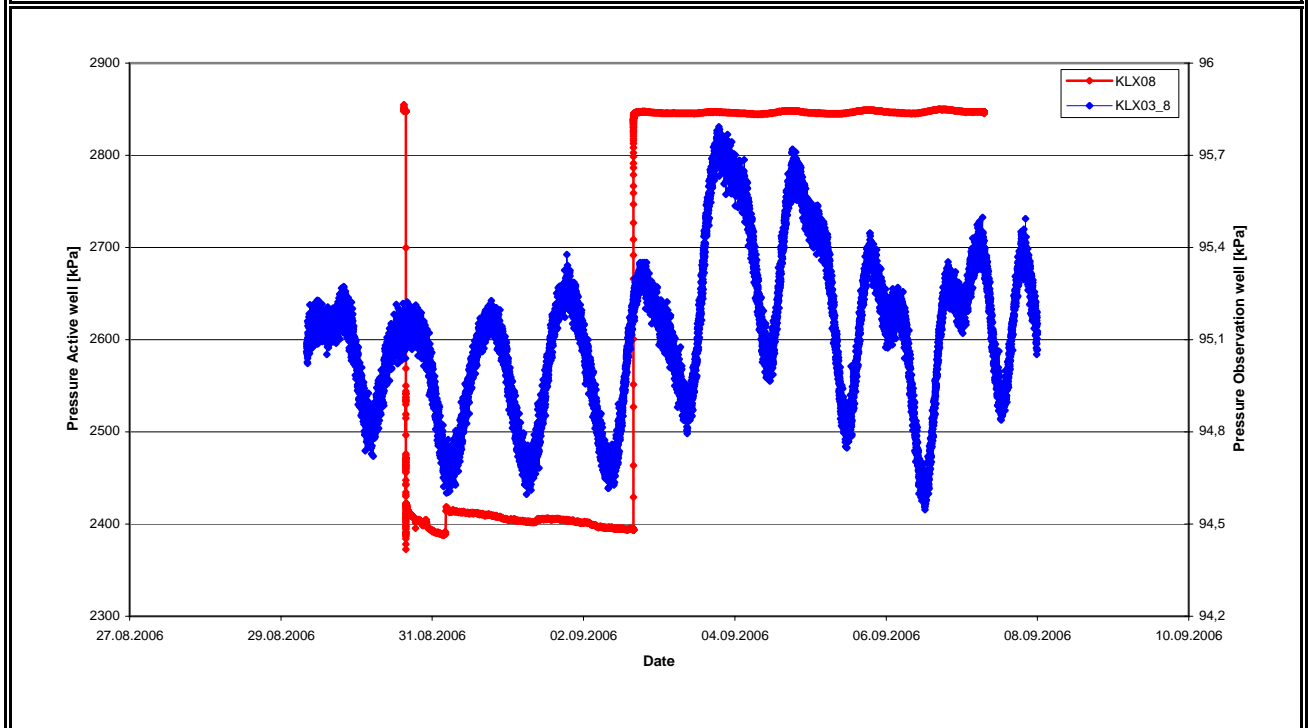
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX03	Section no.:	KLX03_9
		Section length:	193.00-198.00
Distance r_s [m]:	972,60	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	96,4
Pressure in test section before stop of flowing:	p_p	kPa	96,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

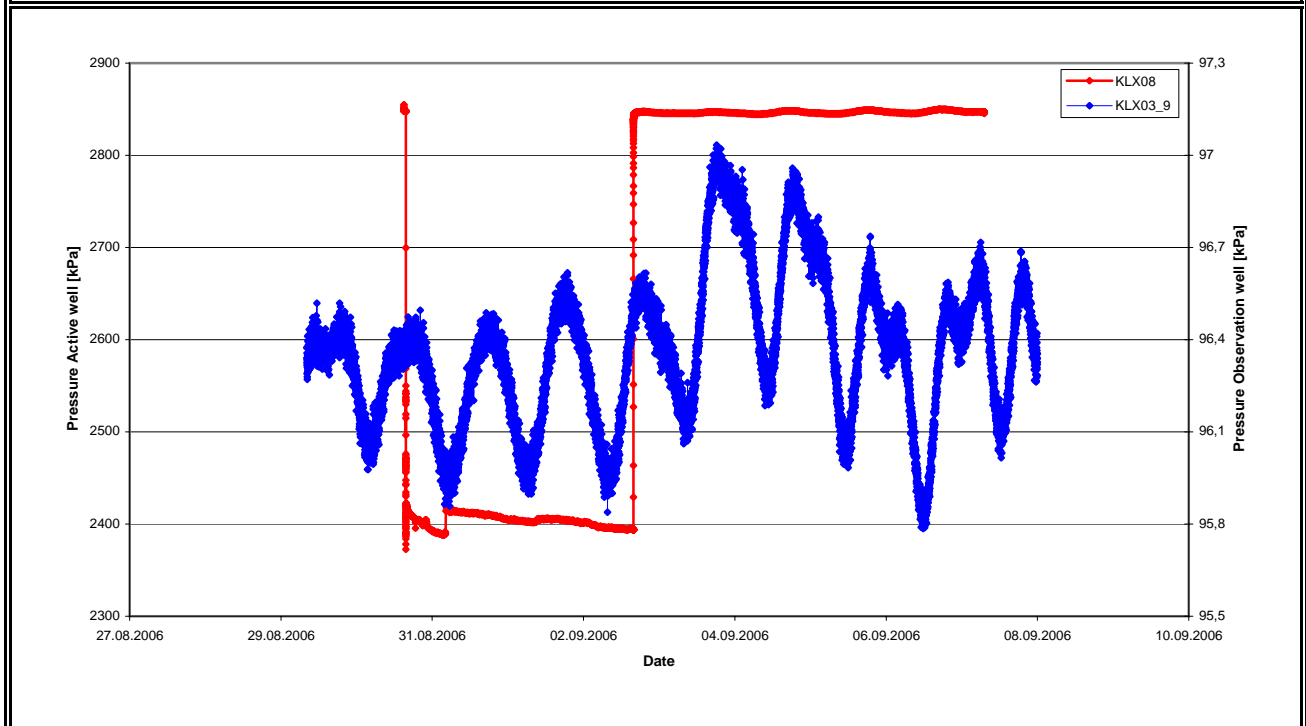
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX03 Section no.: KLX03_X
 Section length: 100.05-192.00
 Distance r_s [m]: 964,40 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,6
Pressure in test section before stop of flowing:	p_p	kPa	94,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

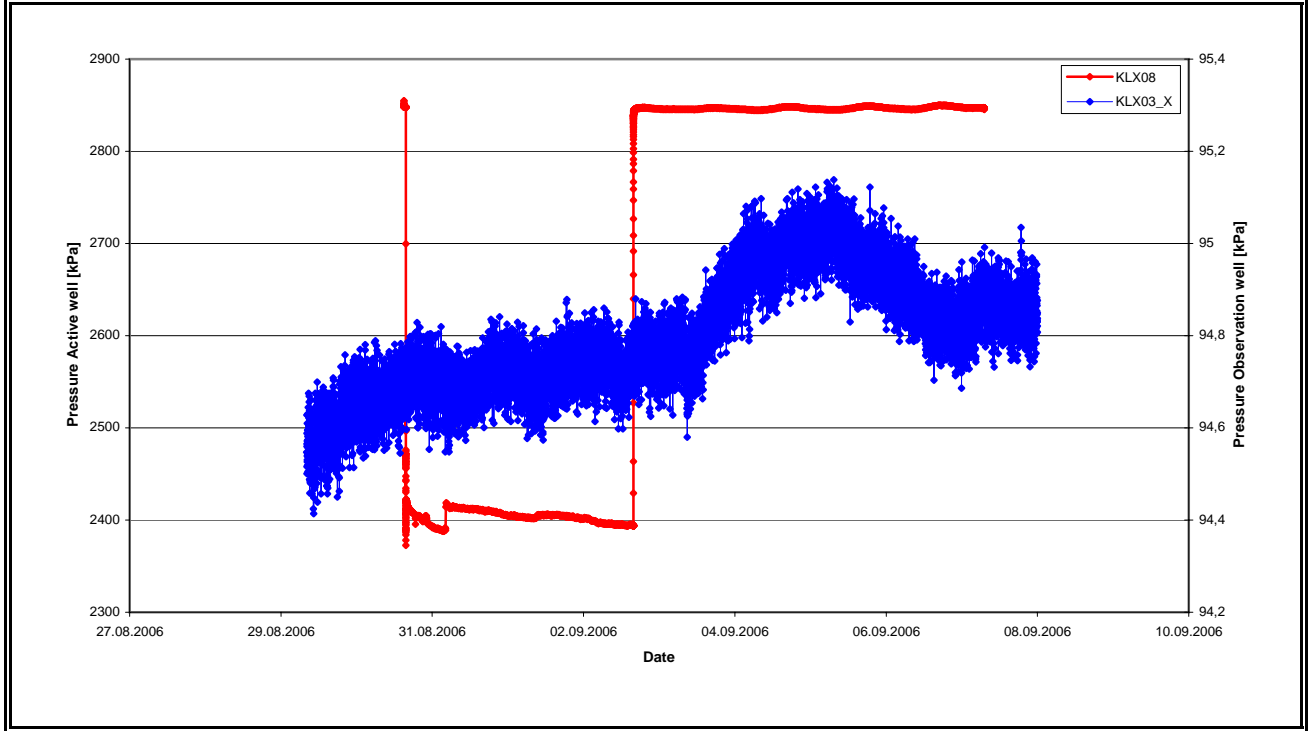
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX04 Section no.: KLX04_1
 Section length: 898.00-1000.00
 Distance r_s [m]: 724,20 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	96,0
Pressure in test section before stop of flowing:	p_p	kPa	95,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

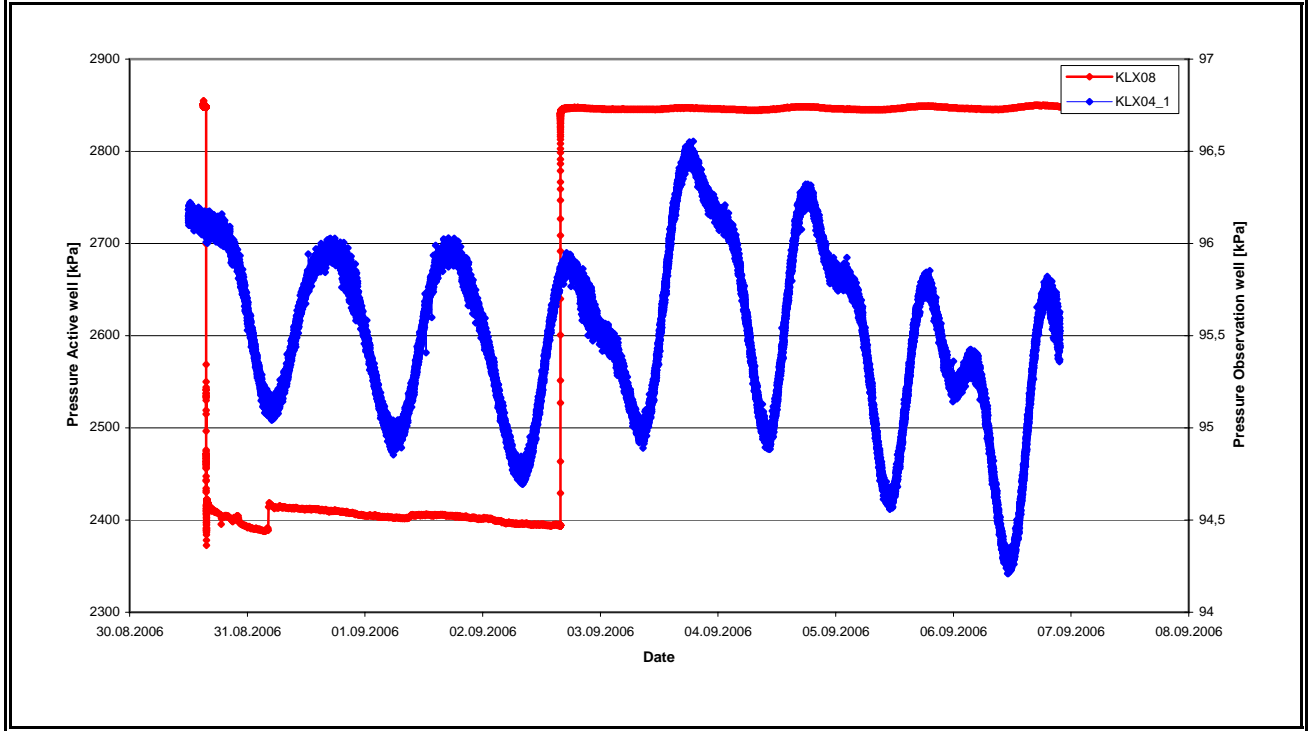
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX04 Section no.: KLX04_2
 Section length: 870.00-897.00
 Distance r_s [m]: 660,70 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	78,3
Pressure in test section before stop of flowing:	p_p	kPa	77,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

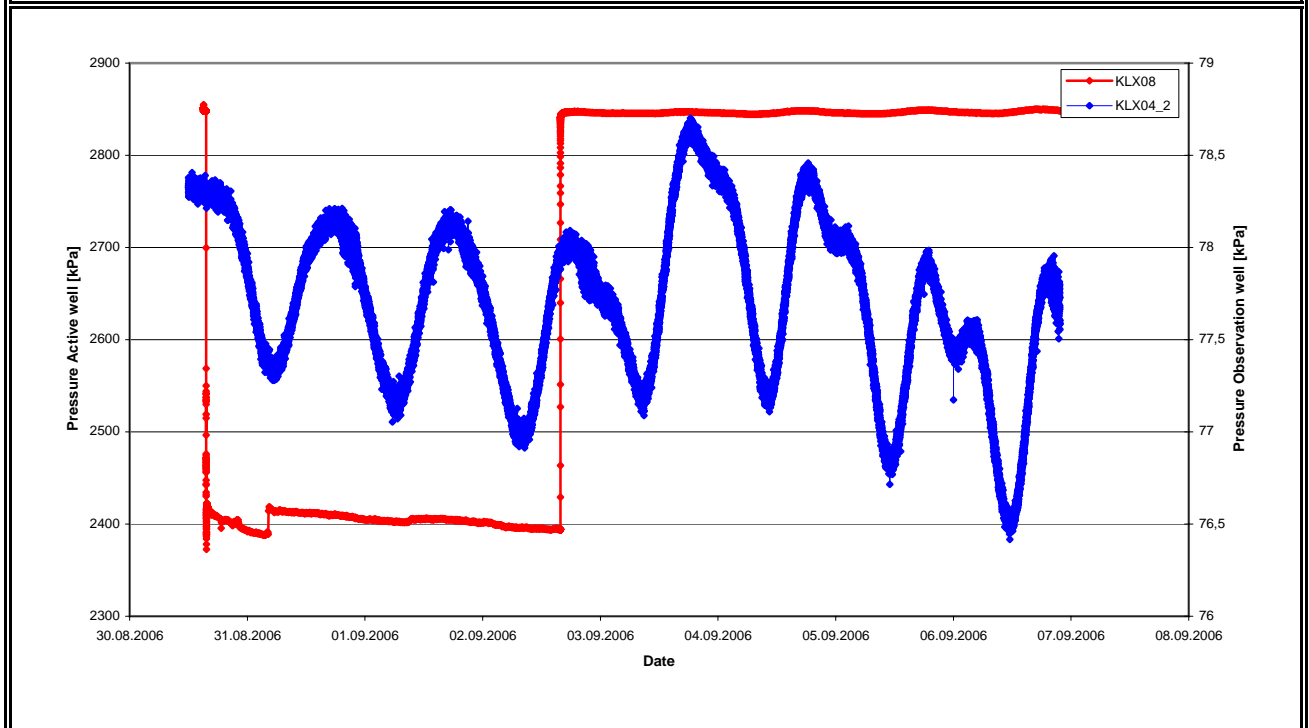
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX04	Section no.:	KLX04_3
		Section length:	686.00.869.00
Distance r_s [m]:	559,00	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	97,4
Pressure in test section before stop of flowing:	p_p	kPa	97,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

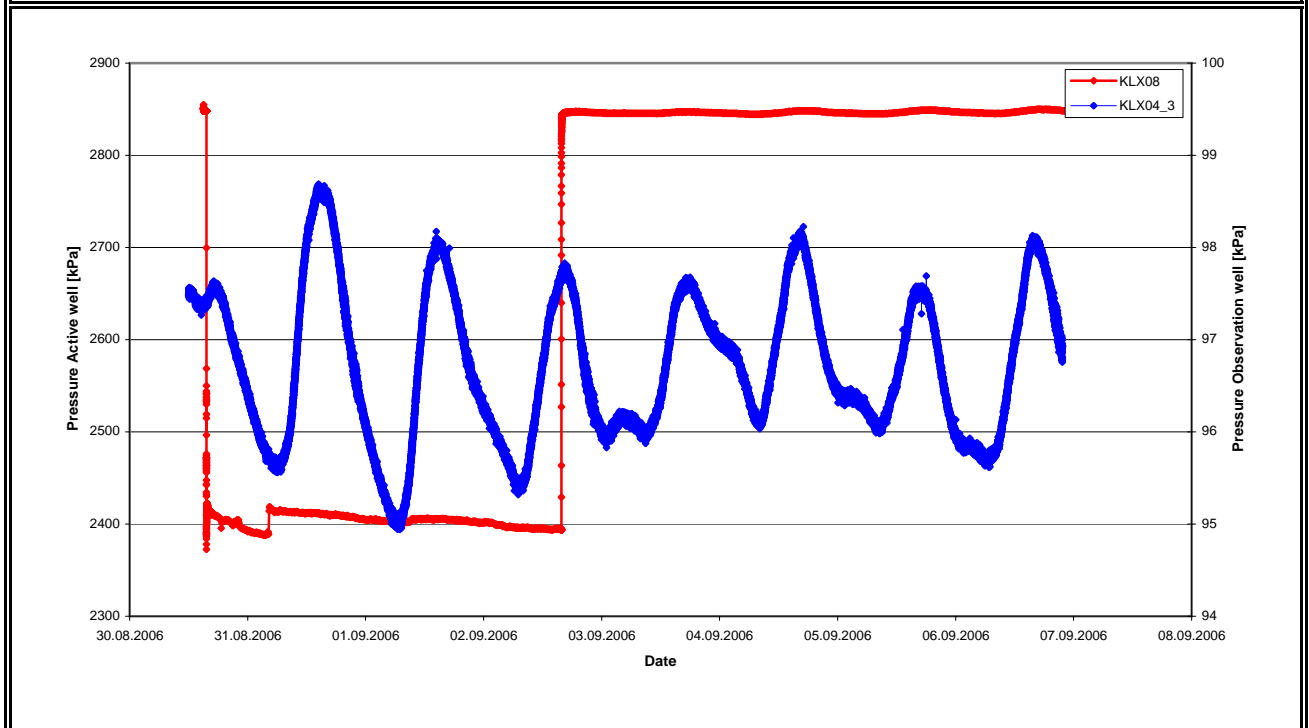
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX04 Section no.: KLX04_4
 Section length: 531.00-685.00
 Distance r_s [m]: 400,80 max. Drawdown s_p [m]:* 0,09
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,6
Pressure in test section before stop of flowing:	p_p	kPa	91,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,9

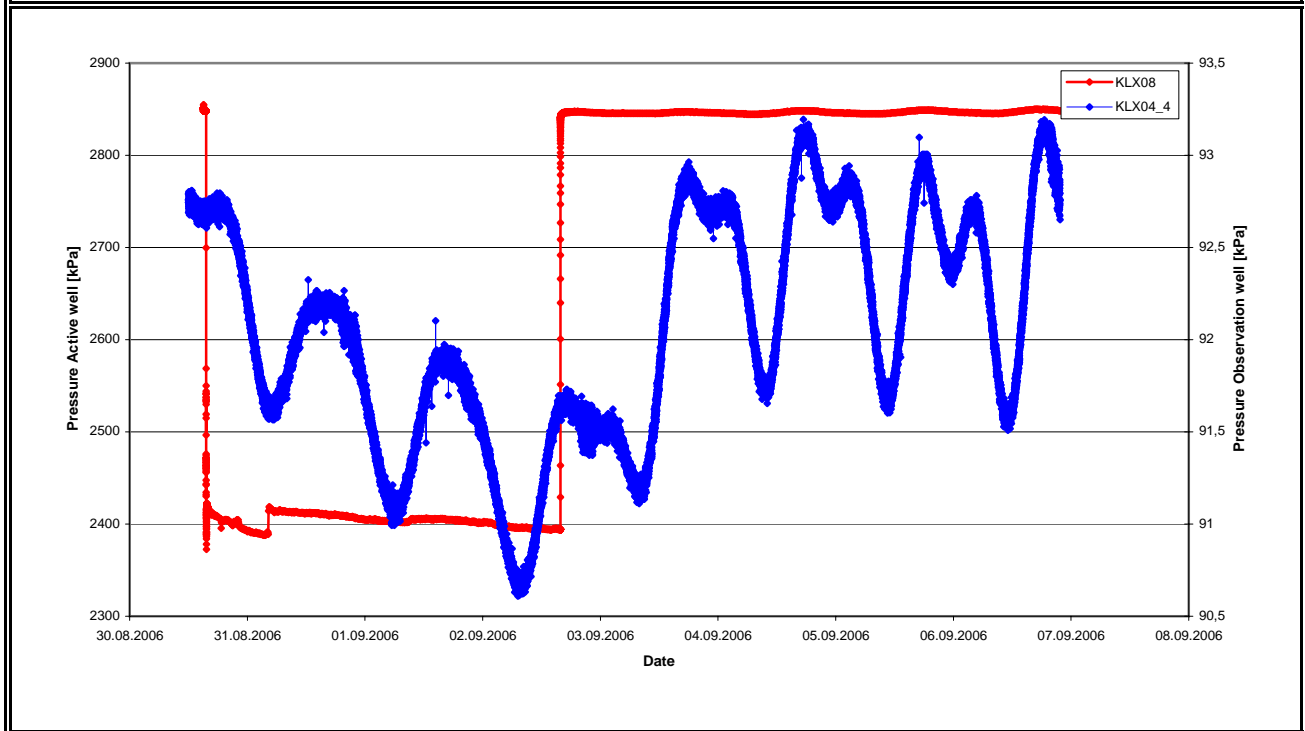
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 1079,33

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 6468,93

* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX04 Section no.: KLX04_5
 Section length: 507.00-530.00
 Distance r_s [m]: 322,20 max. Drawdown s_p [m]:* 0,27
 Response time dt_L [s]: 644

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,2
Pressure in test section before stop of flowing:	p_p	kPa	82,6
Maximum pressure change during flowing period:*	dp_p	kPa	2,6

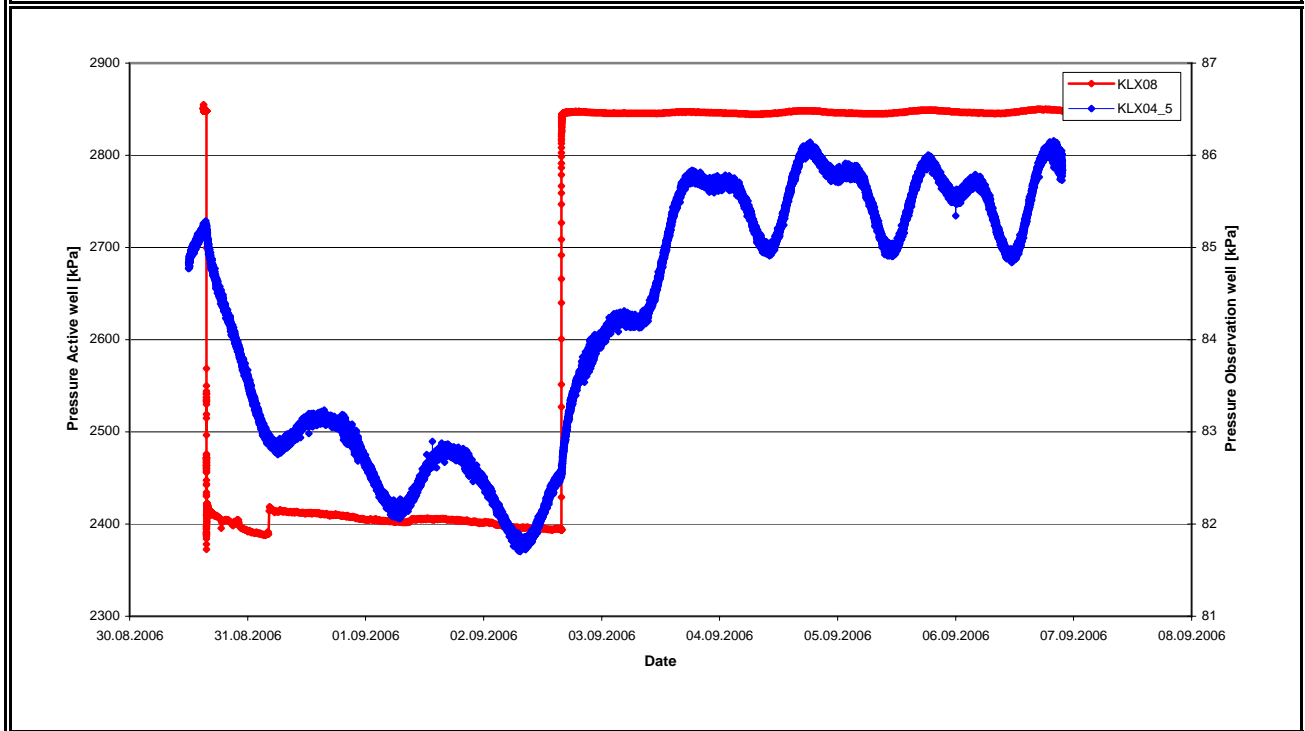
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): **161,20**

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): **3118,07**

$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): **18007,4**

* see comment

Comment: clear response due to pumping in source



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX04 Section no.: KLX04_6
 Section length: 231.00-506.00
 Distance r_s [m]: 210,60 max. Drawdown s_p [m]:* 0,09
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,1
Pressure in test section before stop of flowing:	p_p	kPa	91,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,9

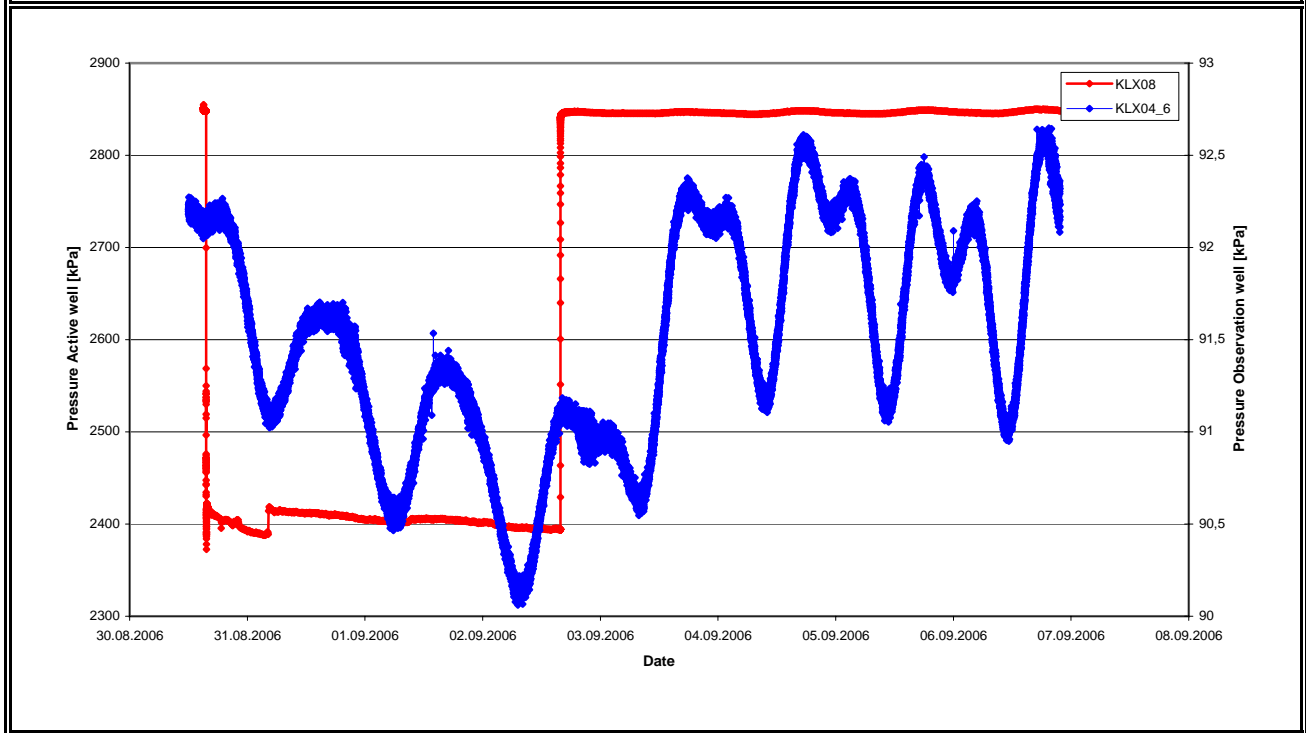
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 1079,33

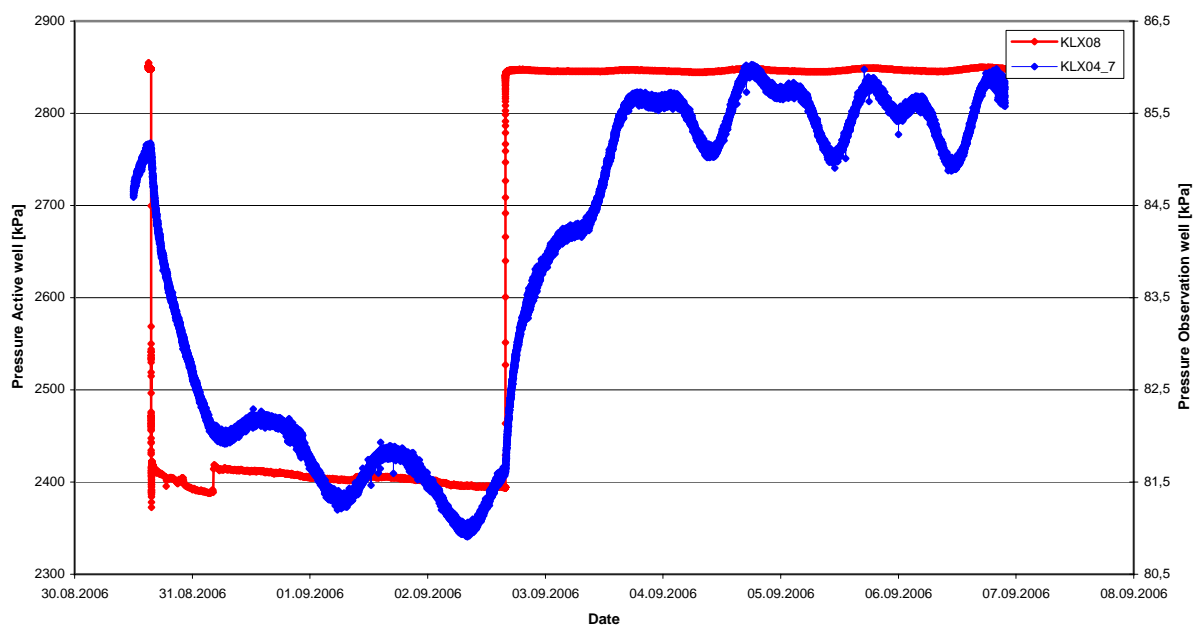
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 5774,4

* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX04	Section no.:	KLX04_7
		Section length:	163.00-230.00
Distance r_s [m]:	177,10	max. Drawdown s_p [m]:*	0,35
Response time dt_L [s]:	464		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,1
Pressure in test section before stop of flowing:	p_p	kPa	81,7
Maximum pressure change during flowing period:*	dp_p	kPa	3,4
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):		67,60
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):		4077,47
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):		21107,9
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX04 Section no.: KLX04_8
 Section length: 12.24-162.00
 Distance r_s [m]: 231,50 max. Drawdown s_p [m]:* 0,19
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	96,0
Pressure in test section before stop of flowing:	p_p	kPa	94,1
Maximum pressure change during flowing period:*	dp_p	kPa	1,9

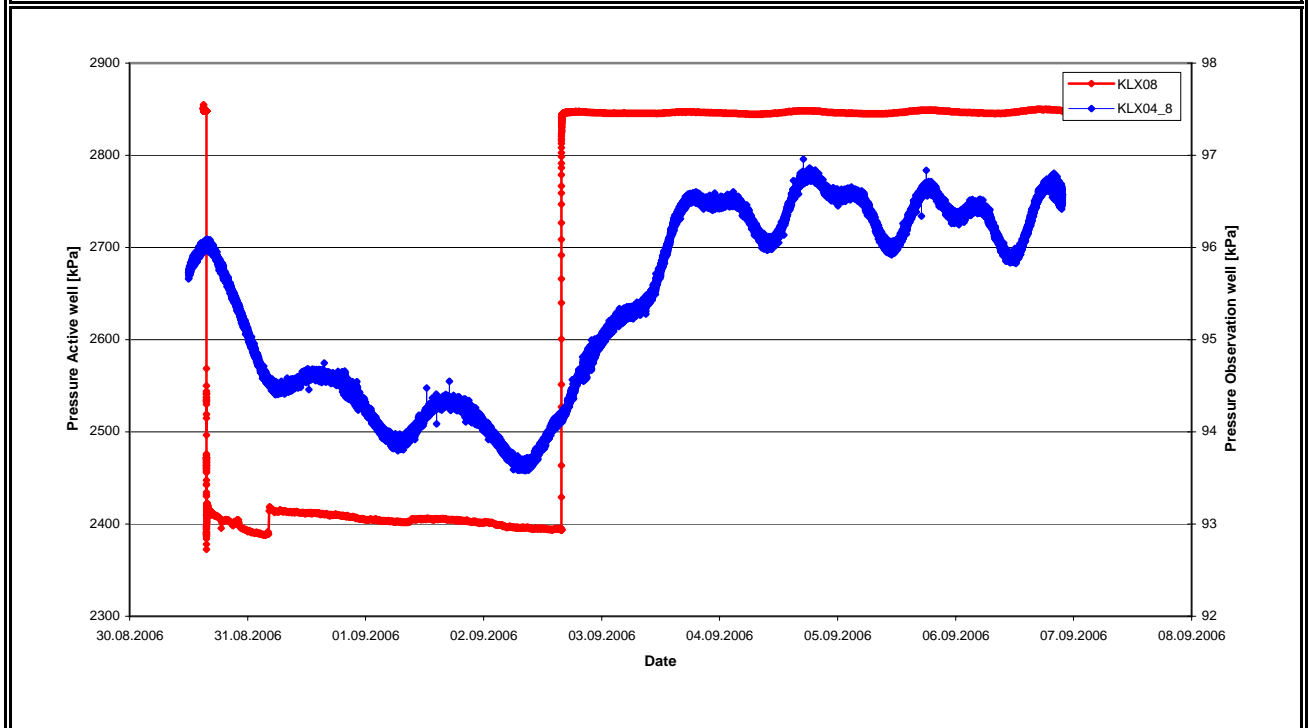
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 2278,59

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 12406,0

* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX06	Section no.:	KLX06_1
		Section length:	761.00-1000.00
Distance r_s [m]:	1398,10	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	88,5
Pressure in test section before stop of flowing:	p_p	kPa	89,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX06	Section no.:	KLX06_2
		Section length:	571.00-760.00
Distance r_s [m]:	1226,90	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	60,7
Pressure in test section before stop of flowing:	p_p	kPa	60,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

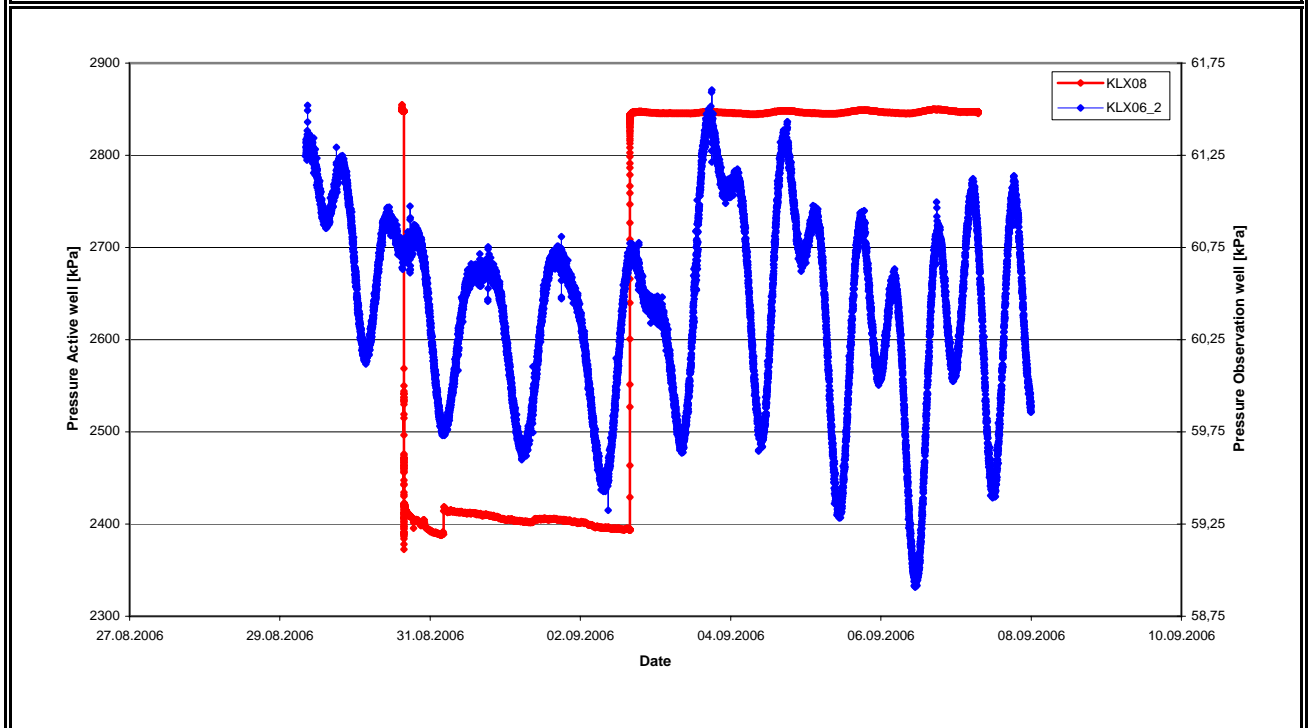
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX06 Section no.: KLX06_3
 Section length: 554.00-570.00
 Distance r_s [m]: 1186,10 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	56,2
Pressure in test section before stop of flowing:	p_p	kPa	56,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

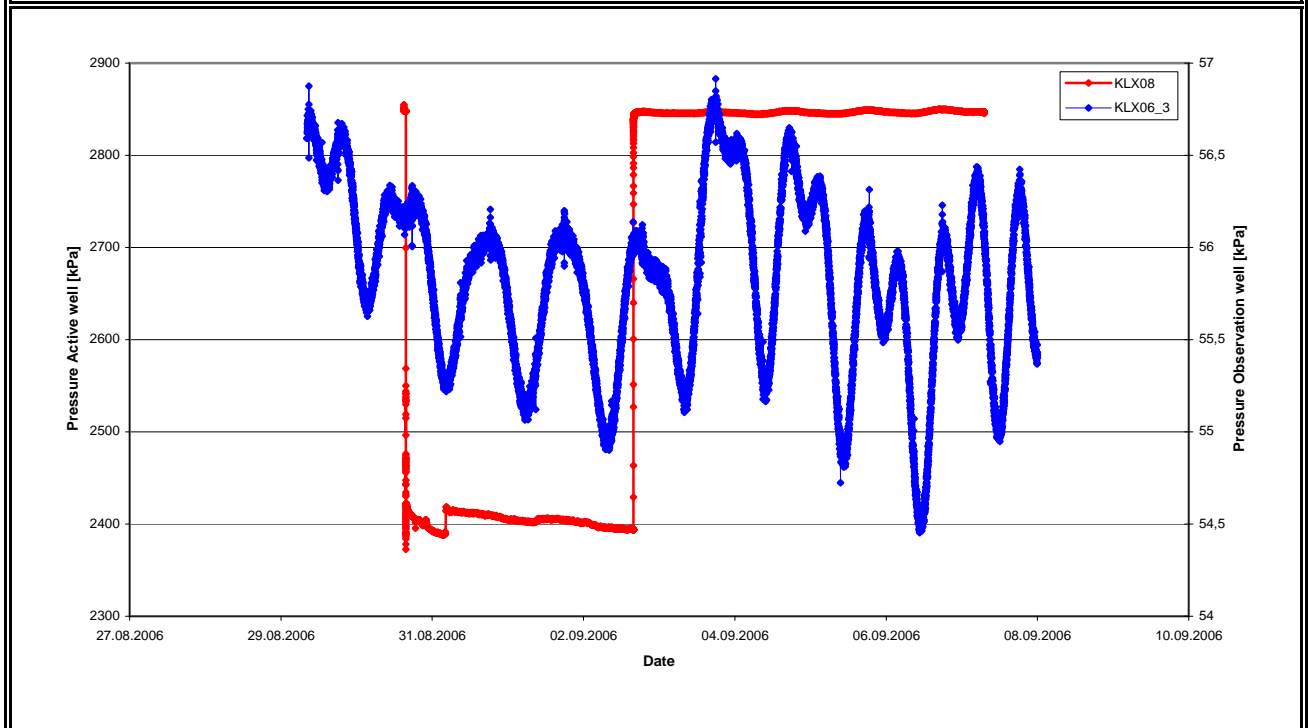
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX06	Section no.:	KLX06_4
		Section length:	411.00-553.00
Distance r_s [m]:	1148,20	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	56,0
Pressure in test section before stop of flowing:	p_p	kPa	56,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX06	Section no.:	KLX06_5
		Section length:	276.00-410.00
Distance r_s [m]:	1064,50	max. Drawdown s_p [m]:*	0,07
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,8
Pressure in test section before stop of flowing:	p_p	kPa	114,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,7

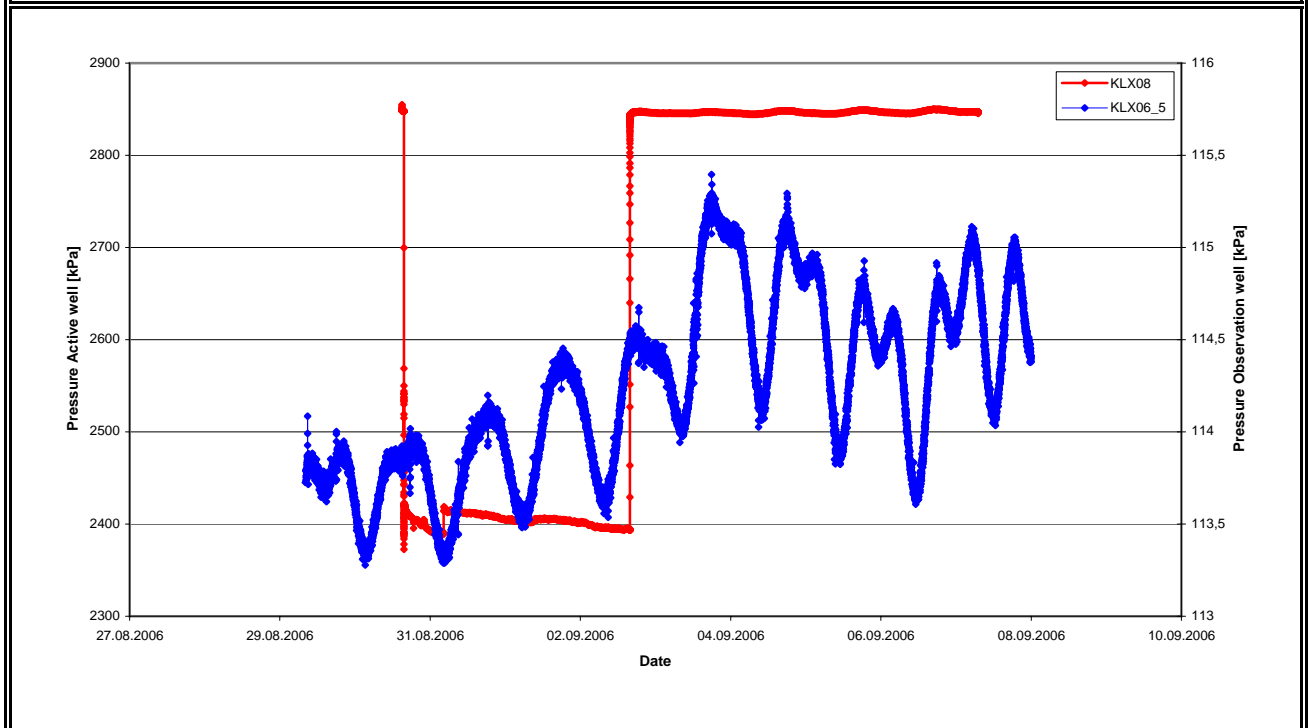
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX06	Section no.:	KLX06_6
		Section length:	256.00-275.00
Distance r_s [m]:	1041,30	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	114,0
Pressure in test section before stop of flowing:	p_p	kPa	114,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

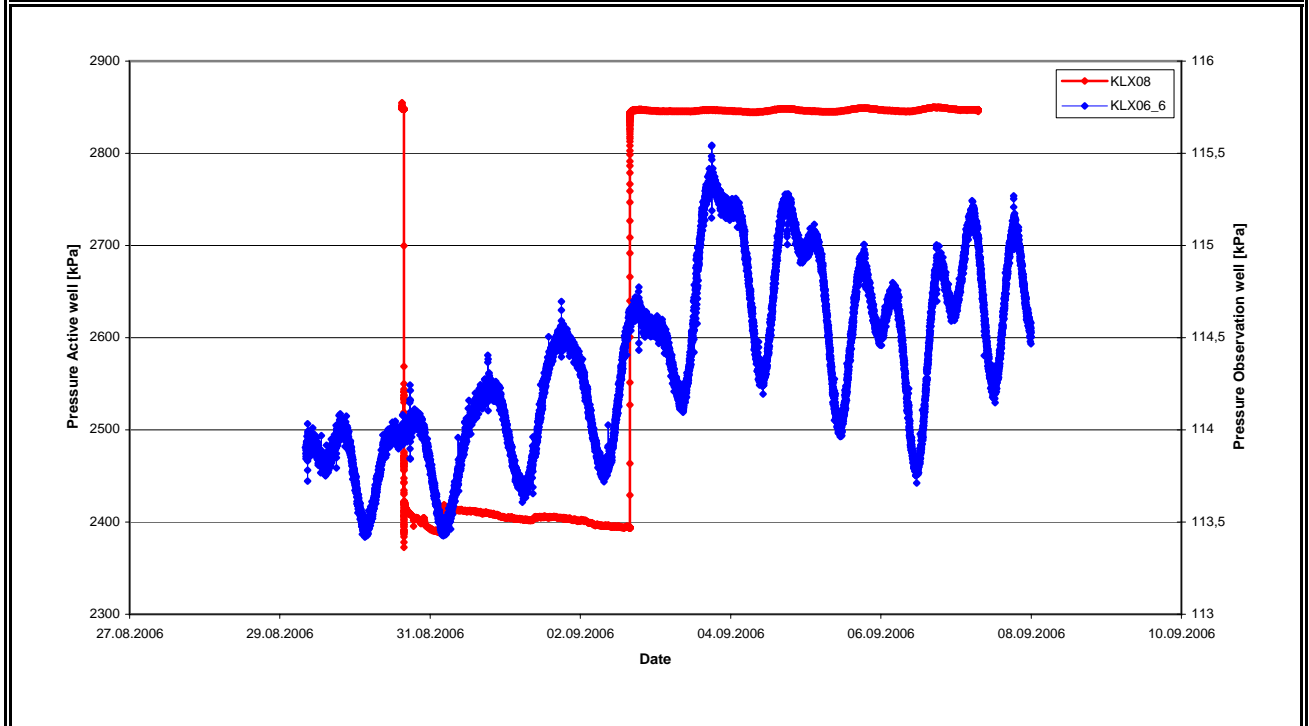
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX06	Section no.:	KLX06_7
		Section length:	146.00-255.00
Distance r_s [m]:	1027,40	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,9
Pressure in test section before stop of flowing:	p_p	kPa	114,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

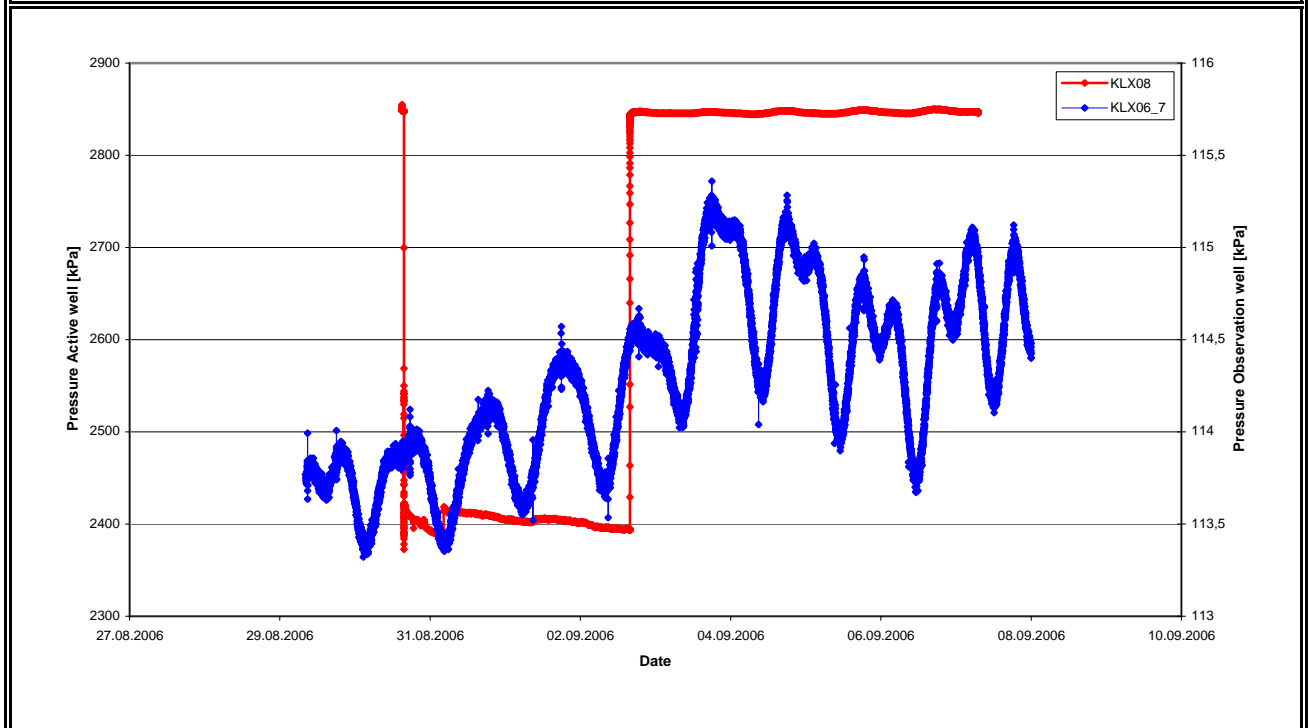
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX06	Section no.:	KLX06_8
		Section length:	11.88-145.00
Distance r_s [m]:	1008,50	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	110,7
Pressure in test section before stop of flowing:	p_p	kPa	111,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

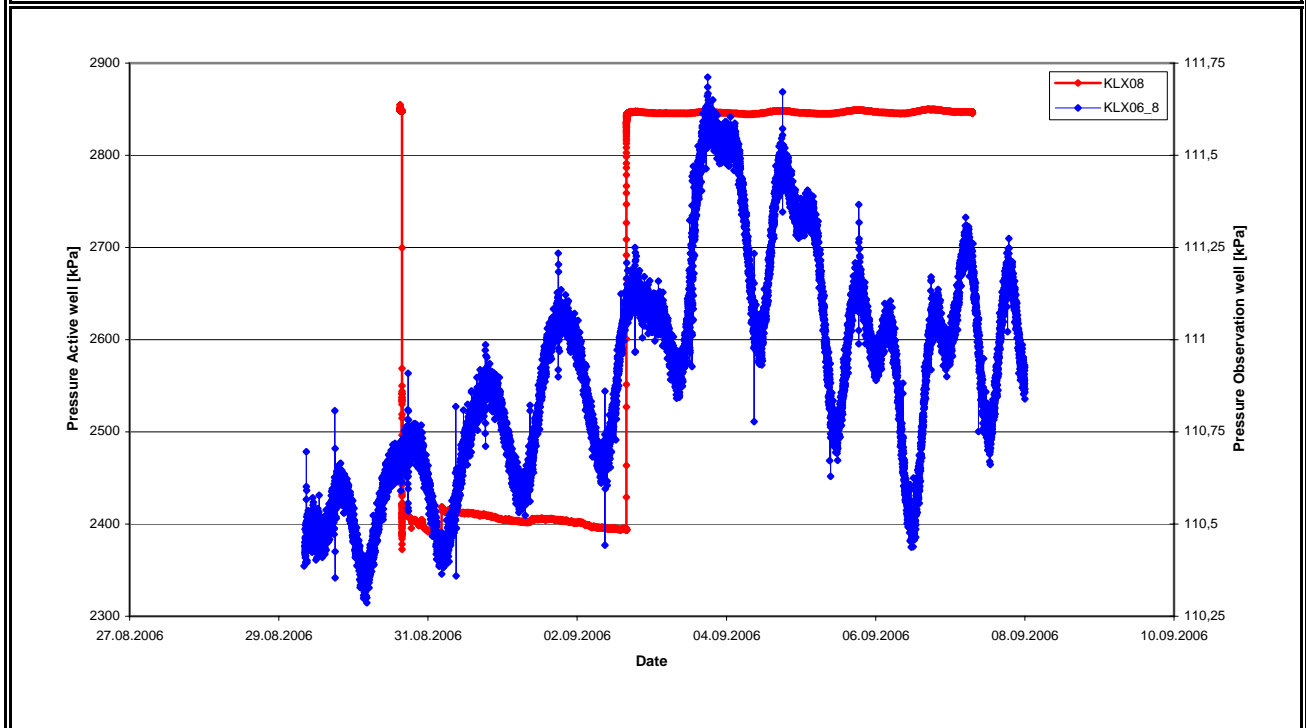
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX07 Section no.: KLX07A_1
 Section length: 781.00-844.73
 Distance r_s [m]: 1394,70 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	36,1
Pressure in test section before stop of flowing:	p_p	kPa	36,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

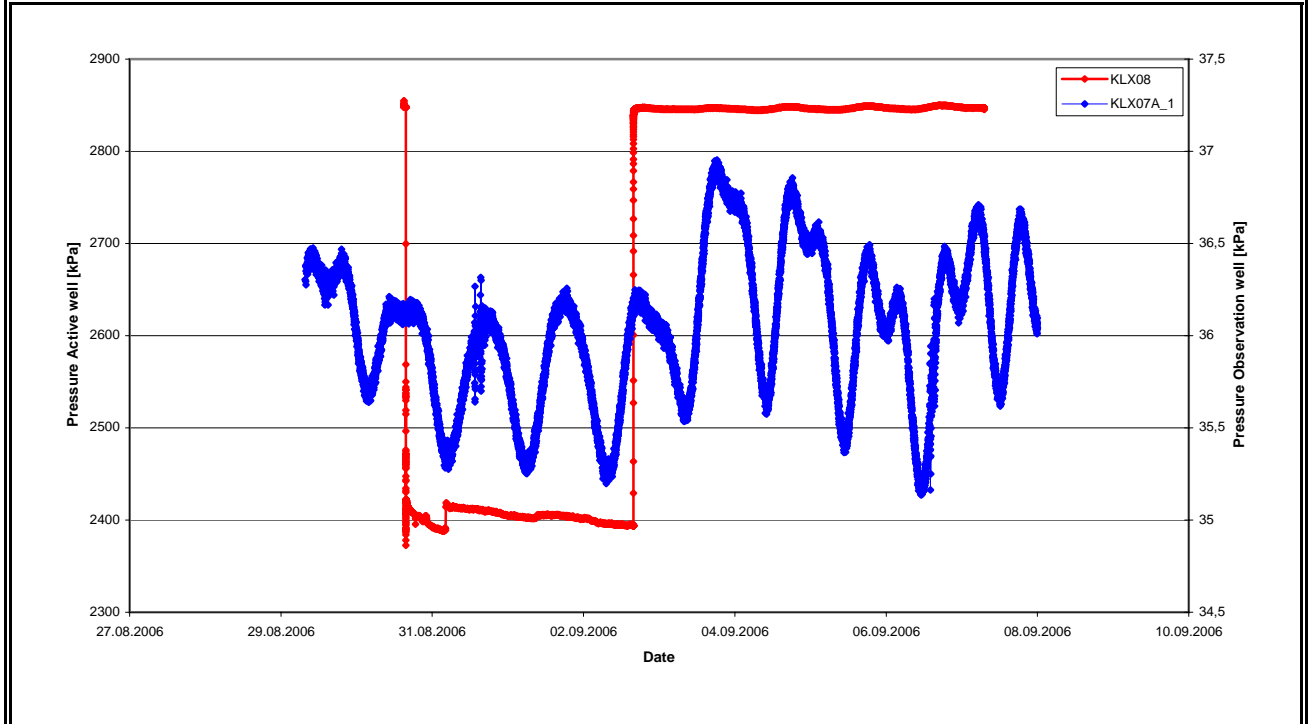
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX07 Section no.: KLX07A_2
 Section length: 753.00-780.00
 Distance r_s [m]: 1363,50 max. Drawdown s_p [m]:* 0,00
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	33,0
Pressure in test section before stop of flowing:	p_p	kPa	33,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

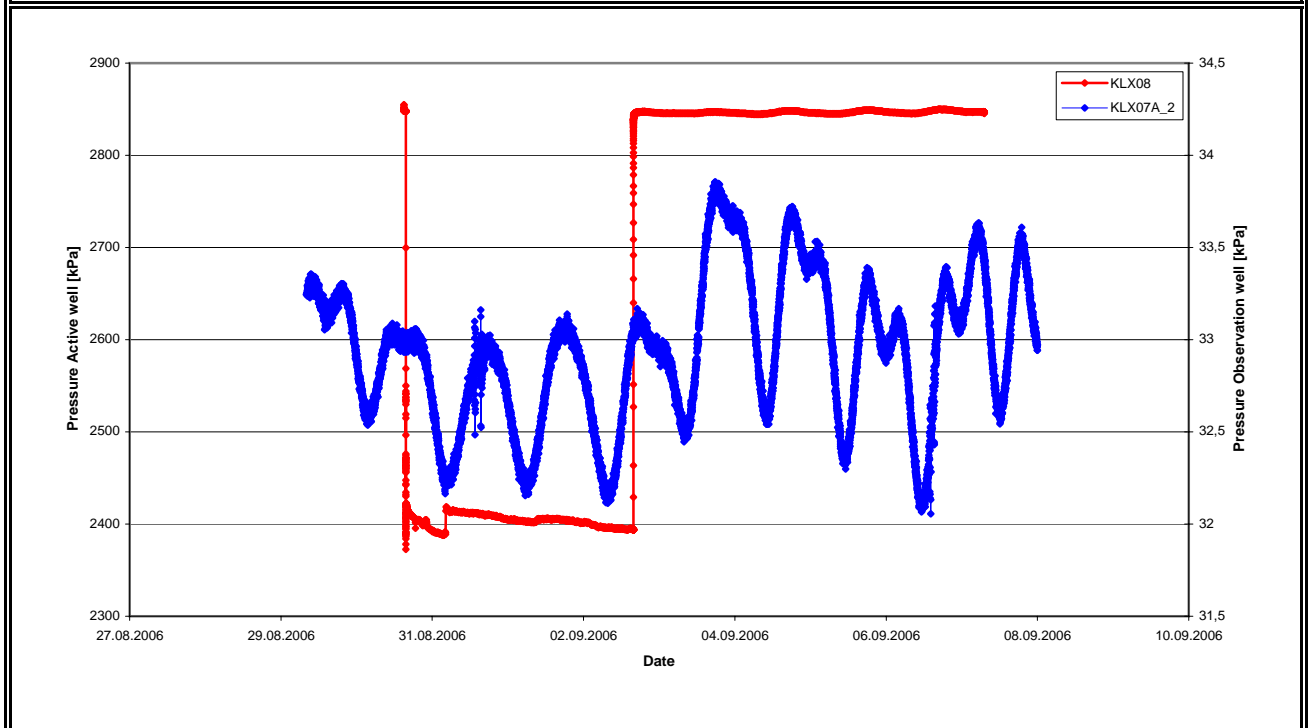
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX07	Section no.:	KLX07A_3
		Section length:	612.00-752.00
Distance r_s [m]:	1298,90	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	34,3
Pressure in test section before stop of flowing:	p_p	kPa	34,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,3
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX07	Section no.:	KLX07A_4
		Section length:	457.00-611.00
Distance r_s [m]:	1234,50	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	69,8
Pressure in test section before stop of flowing:	p_p	kPa	70,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,6
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX07 Section no.: KLX07A_5
 Section length: 333.00-465.00
 Distance r_s [m]: 1198,80 max. Drawdown s_p [m]:* 0,06
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	74,1
Pressure in test section before stop of flowing:	p_p	kPa	74,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

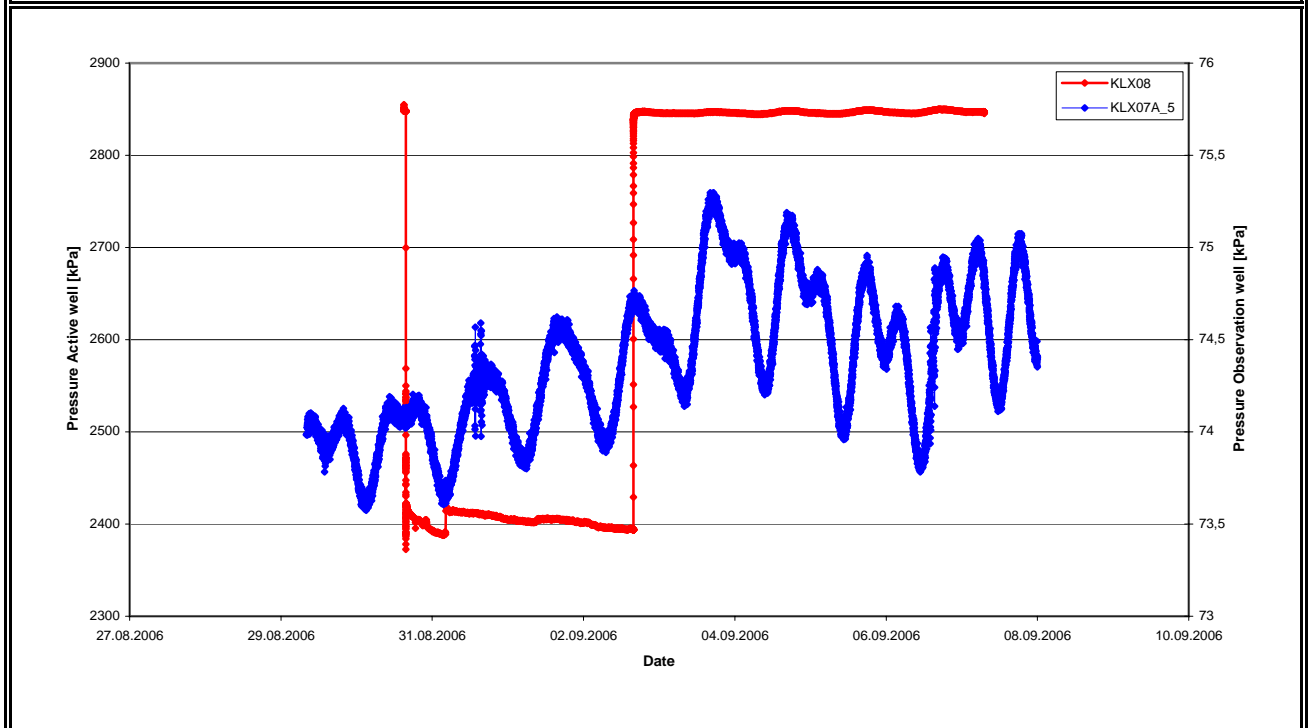
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX07 Section no.: KLX07A_6
 Section length: 204.00-332.00
 Distance r_s [m]: 1164,50 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	82,8
Pressure in test section before stop of flowing:	p_p	kPa	83,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

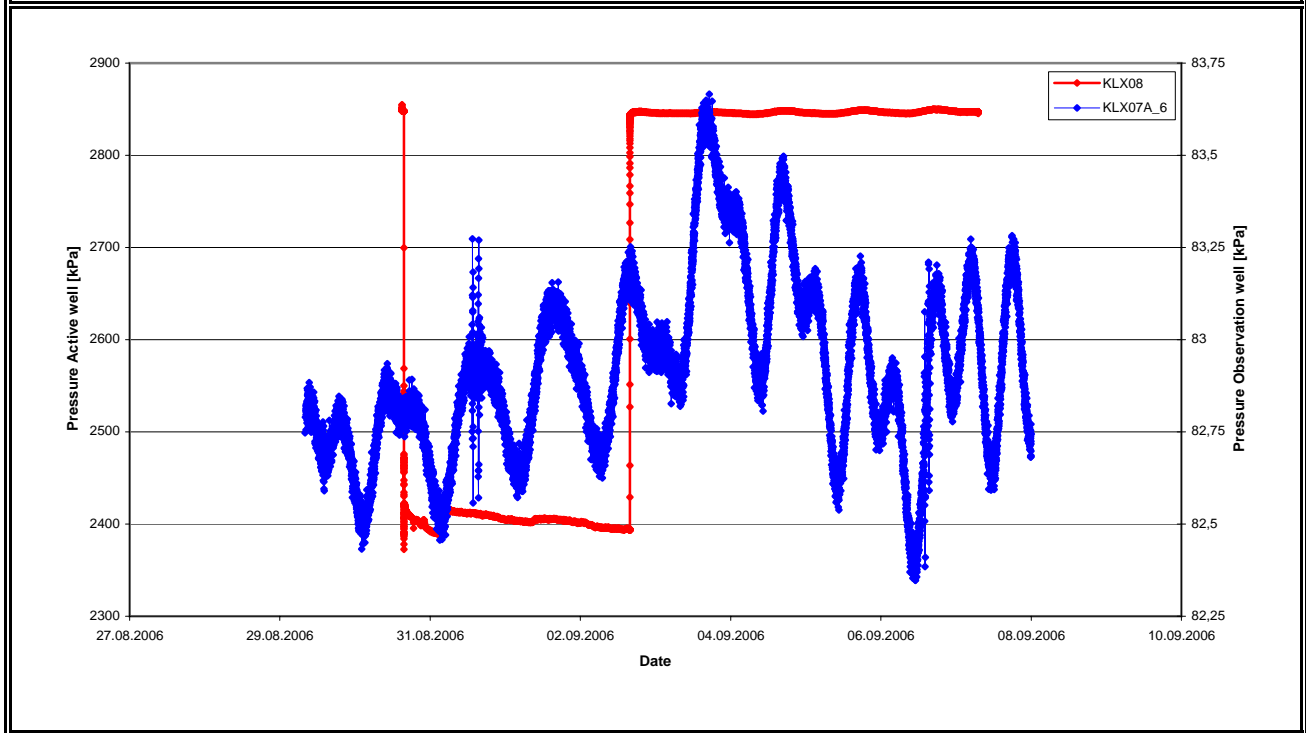
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX07 Section no.: KLX07A_7
 Section length: 104.00-203.00
 Distance r_s [m]: 1146,20 max. Drawdown s_p [m]:* 0,08
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	84,6
Pressure in test section before stop of flowing:	p_p	kPa	85,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,8

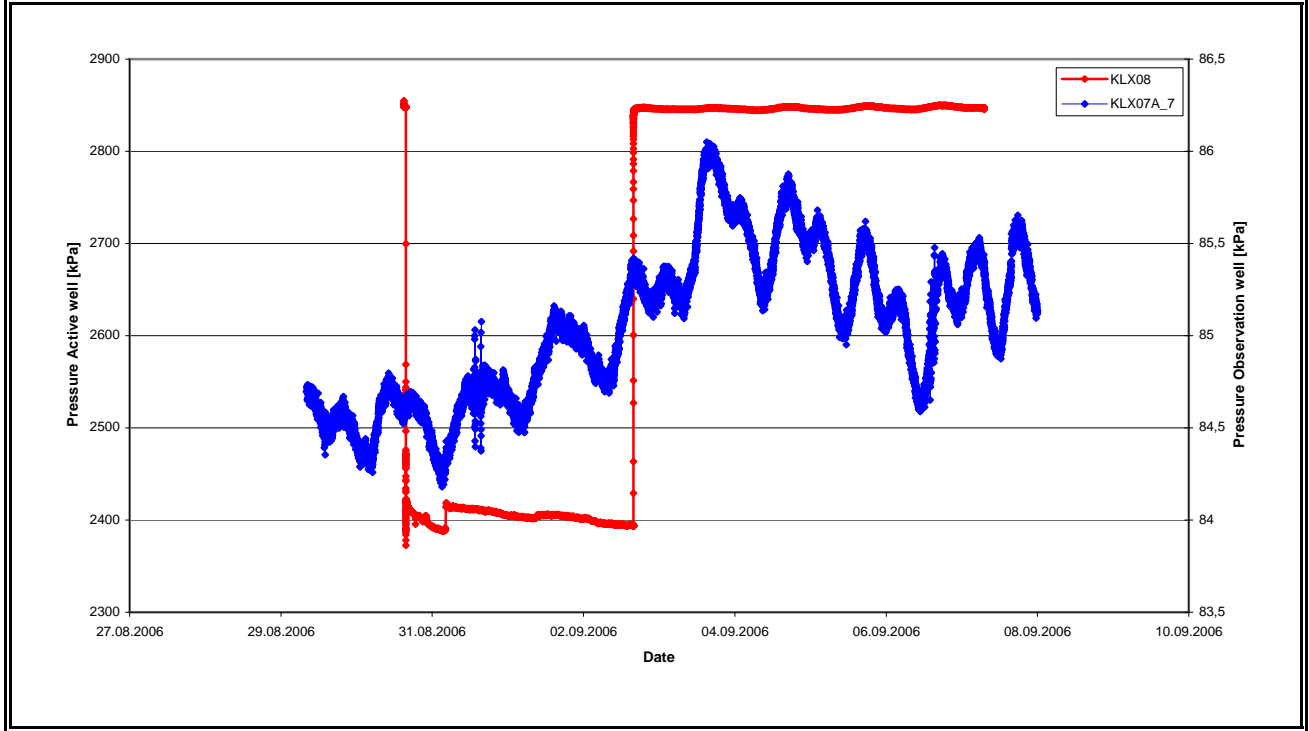
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX07	Section no.:	KLX07A_8
		Section length:	102.00-103.00
Distance r_s [m]:	1136,80	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,7
Pressure in test section before stop of flowing:	p_p	kPa	93,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX07 Section no.: KLX07B_1
 Section length: 95.00-200.00
 Distance r_s [m]: 1115,20 max. Drawdown s_p [m]:* 0,05
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	88,6
Pressure in test section before stop of flowing:	p_p	kPa	89,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

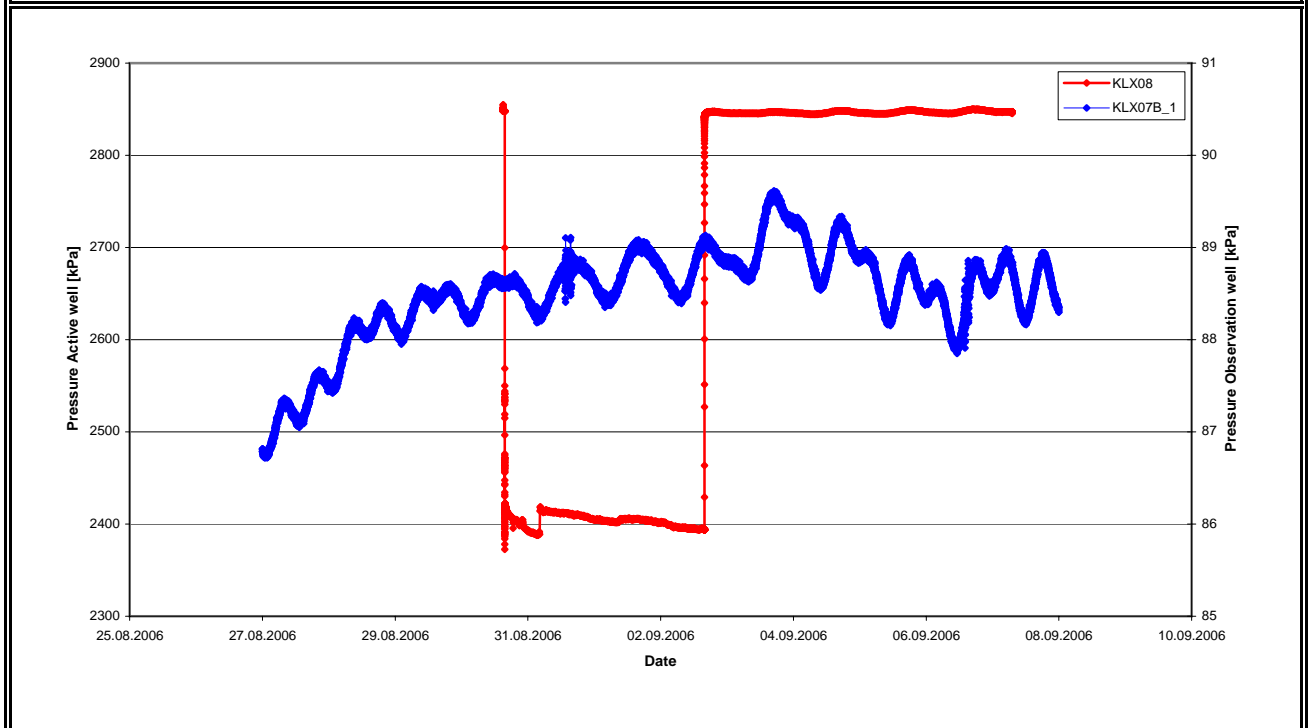
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX07 Section no.: KLX07B_2
 Section length: 9.64-94.00
 Distance r_s [m]: 1122,70 max. Drawdown s_p [m]:* 0,05
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	91,9
Pressure in test section before stop of flowing:	p_p	kPa	92,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

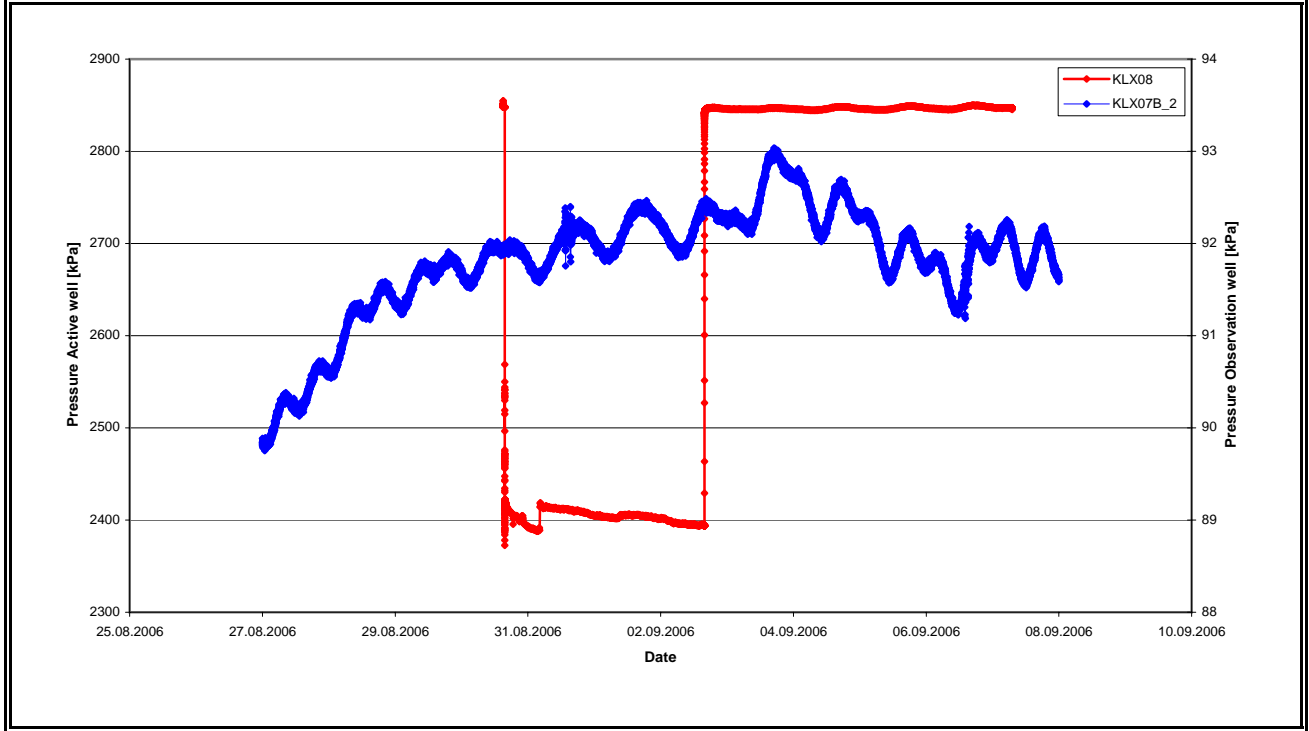
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX10	Section no.:	KLX10_1
		Section length:	711.00-1001.00
Distance r_s [m]:	917,00	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	57,3
Pressure in test section before stop of flowing:	p_p	kPa	57,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

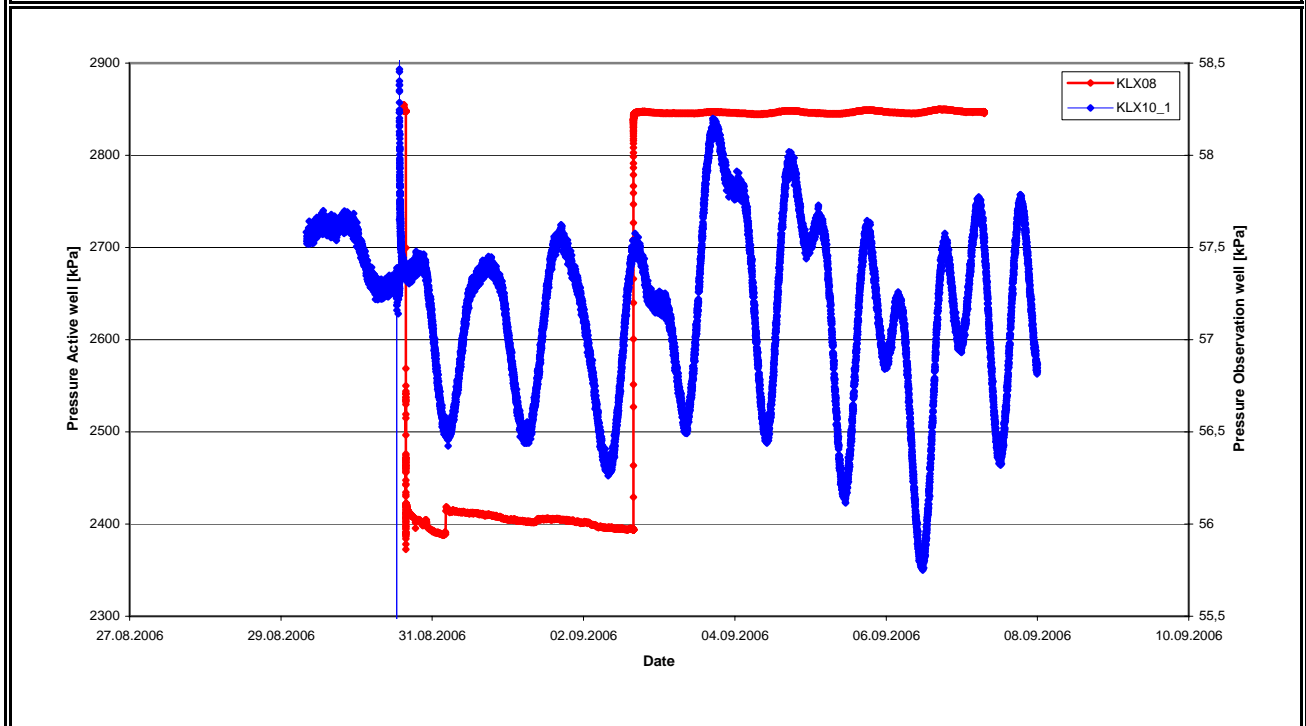
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX10	Section no.:	KLX10_2
		Section length:	689.00-710.00
Distance r_s [m]:	835,00	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	57,2
Pressure in test section before stop of flowing:	p_p	kPa	56,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

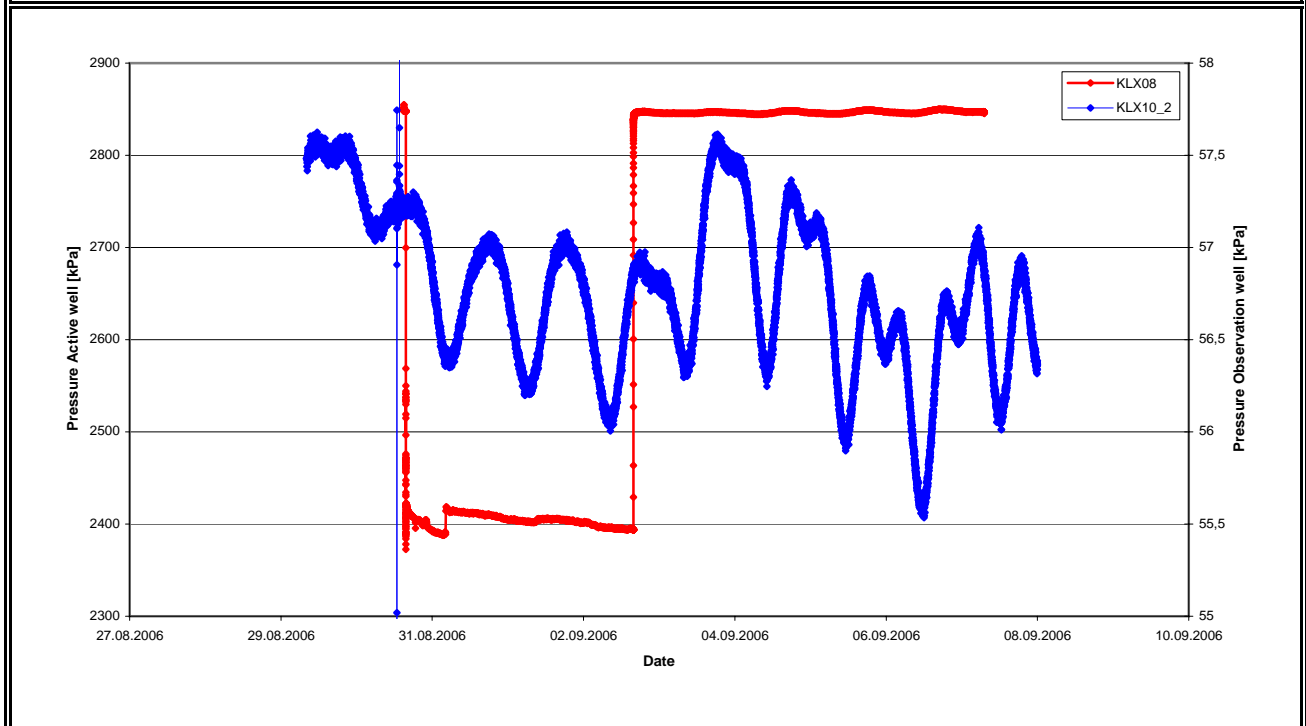
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX10	Section no.:	KLX10_3
		Section length:	465.00-688.00
Distance r_s [m]:	772,70	max. Drawdown s_p [m]:*	0,08
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,8
Pressure in test section before stop of flowing:	p_p	kPa	86,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,8
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX10	Section no.:	KLX10_4
		Section length:	369.00-464.00
Distance r_s [m]:	738,20	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	106,8
Pressure in test section before stop of flowing:	p_p	kPa	107,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

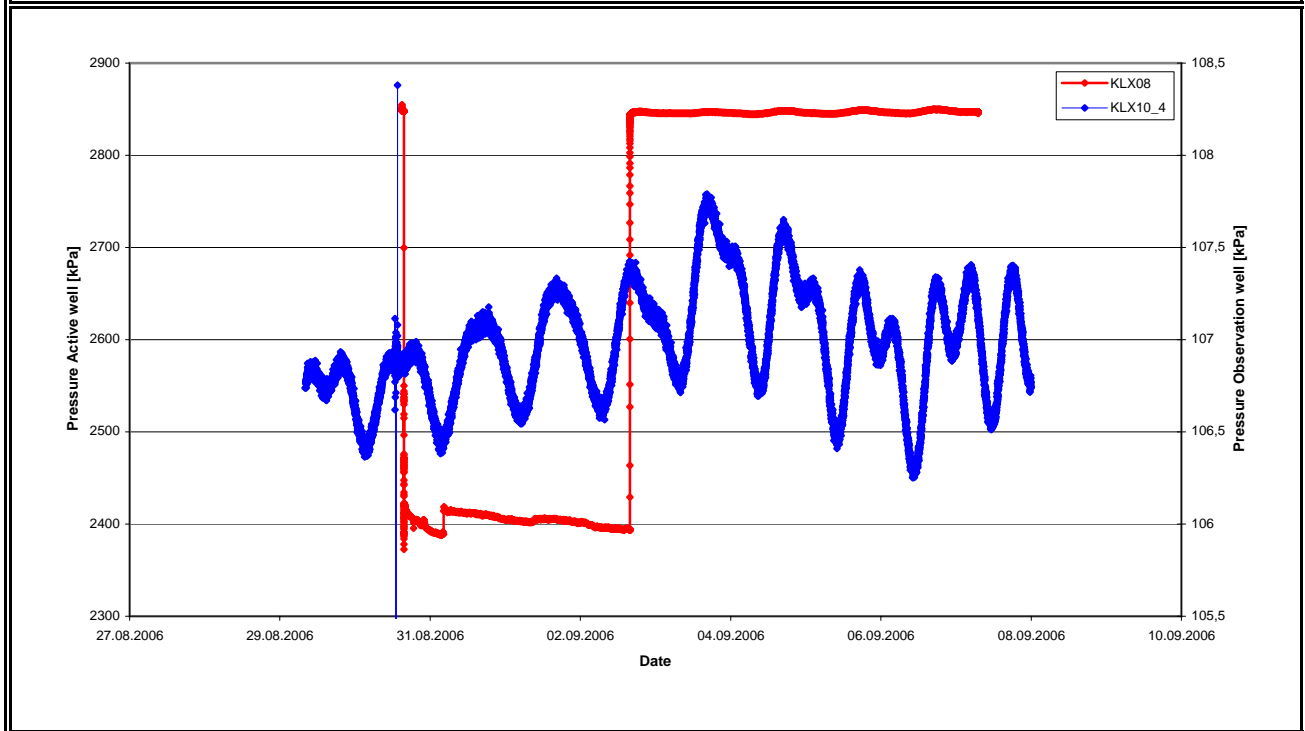
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453
Observation Hole:	KLX10	Section no.:	KLX10_5
		Section length:	351.00-368.00
Distance r_s [m]:	729,60	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	108,9
Pressure in test section before stop of flowing:	p_p	kPa	109,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX10	Section no.:	KLX10_6
		Section length:	291.00-350.00
Distance r_s [m]:	726,60	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	110,4
Pressure in test section before stop of flowing:	p_p	kPa	110,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

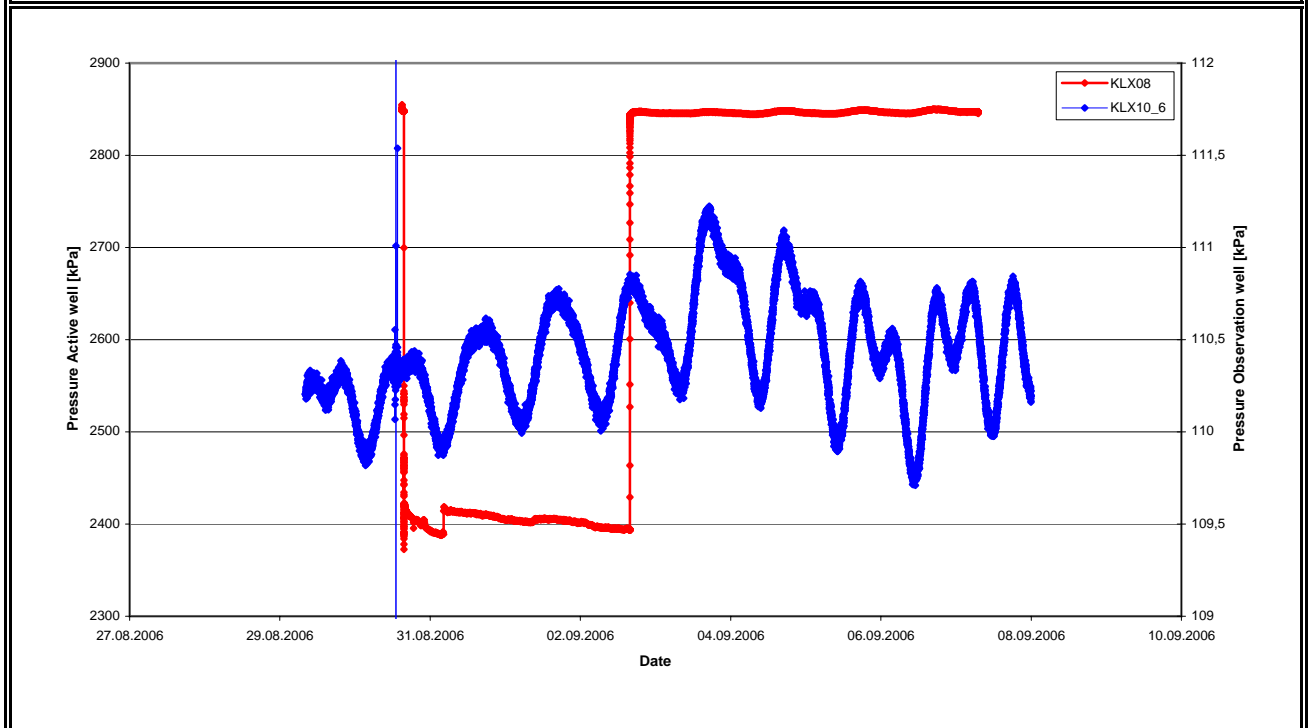
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX10	Section no.:	KLX10_7
		Section length:	131.00-290.00
Distance r_s [m]:	731,40	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	115,1
Pressure in test section before stop of flowing:	p_p	kPa	115,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

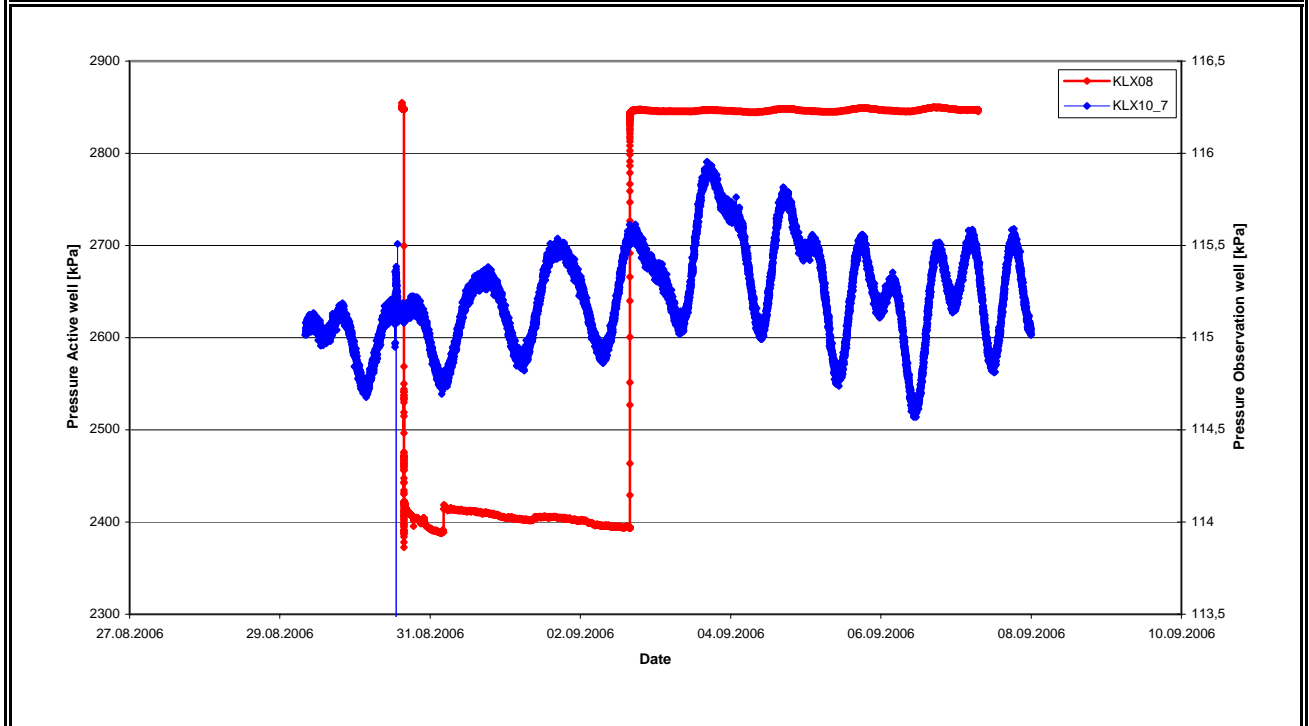
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX10 Section no.: KLX10_8
 Section length: 9.20-130.00
 Distance r_s [m]: 761,30 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	115,0
Pressure in test section before stop of flowing:	p_p	kPa	115,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

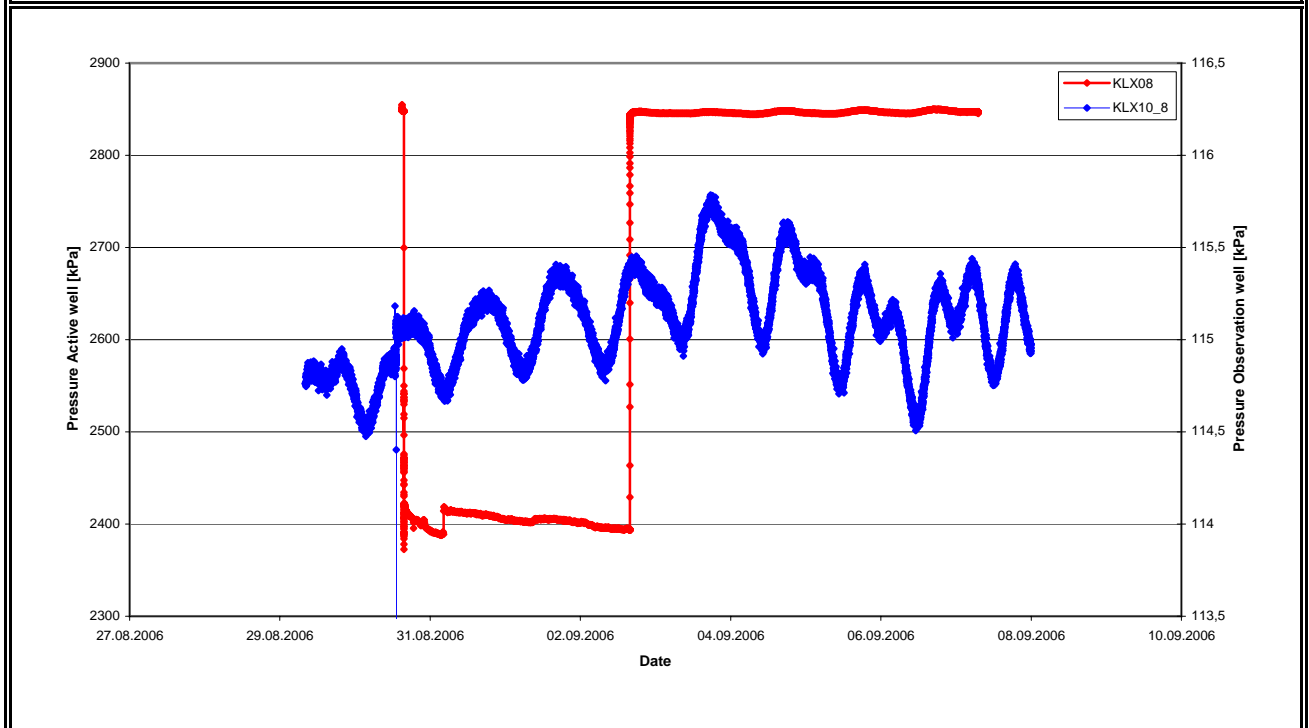
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 241.00-341.00
 Test Start: 30.08.2006 15:02 Test Stop: 07.09.2006 07:04
 Pump Start: 30.08.2006 15:36 Pump Stop: 02.09.2006 15:50
 Flow Rate Q_p [m³/s]: 8,50E-05

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole: KLX18 Section no.: KLX18A_1
 Section length: 440.00-611.28
 Distance r_s [m]: 595,20 max. Drawdown s_p [m]:* 0,06
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	107,6
Pressure in test section before stop of flowing:	p_p	kPa	107,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

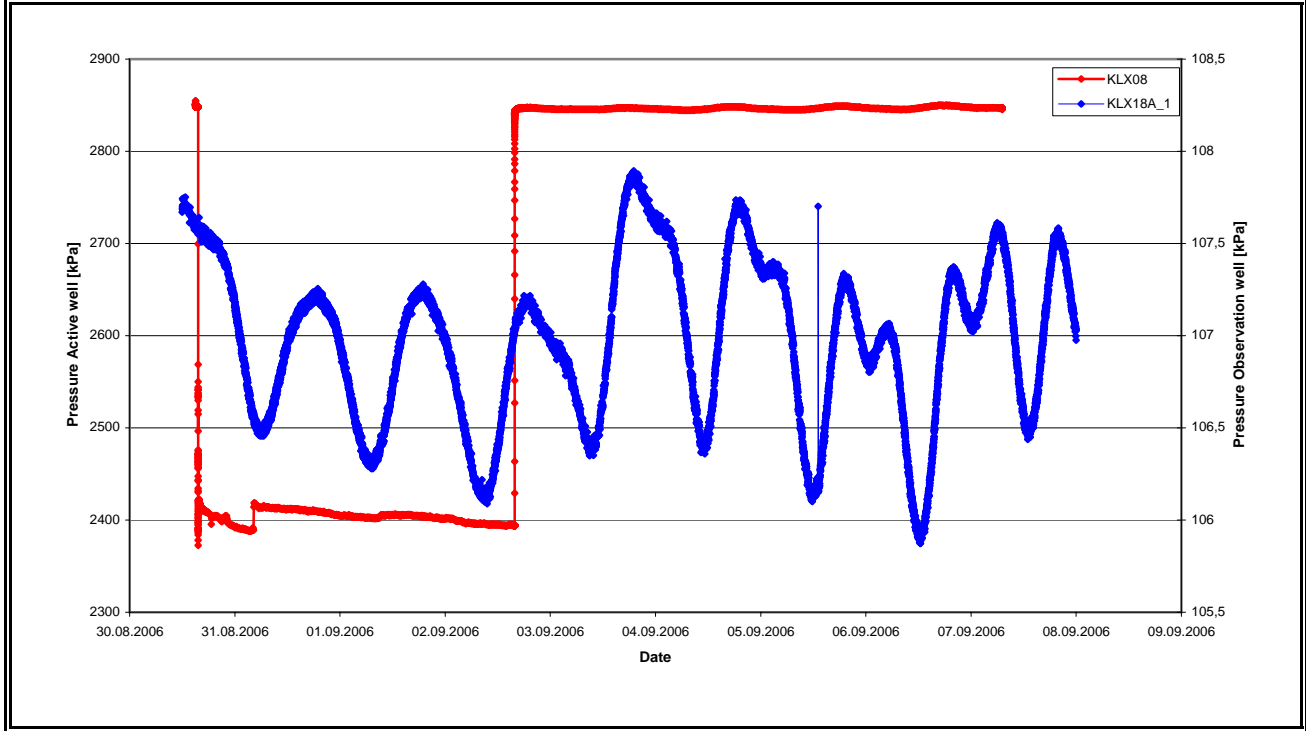
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX18	Section no.:	KLX18A_2
		Section length:	241.00-439.00
Distance r_s [m]:	570,90	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	98,8
Pressure in test section before stop of flowing:	p_p	kPa	98,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

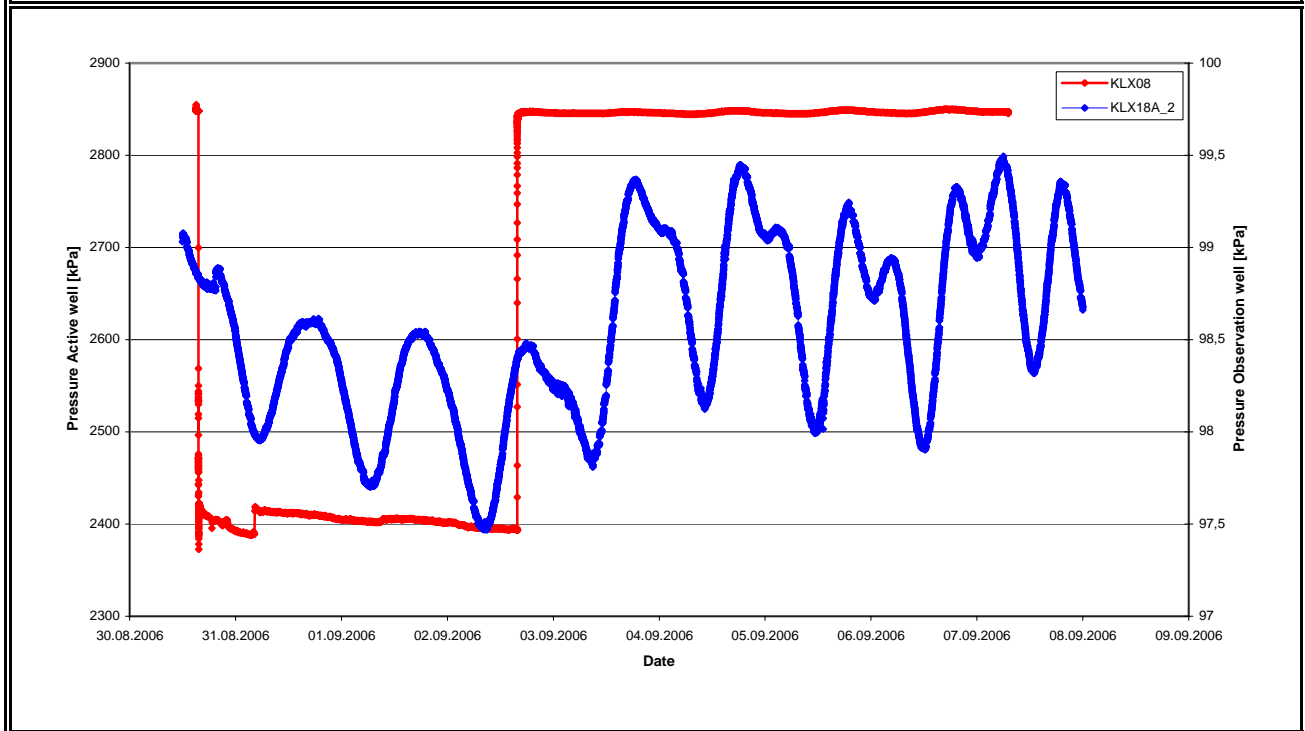
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 479,70

$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): 3044,77

* see comment

Comment: no clear response due to pumping in source
pressure changes mainly caused by natural fluctuations (e.g. tidal effects)



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	241.00-341.00
Test Start:	30.08.2006 15:02	Test Stop:	07.09.2006 07:04
Pump Start:	30.08.2006 15:36	Pump Stop:	02.09.2006 15:50
Flow Rate Q_p [m ³ /s]:	8,50E-05		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	2847
Pressure in test section before stop of flowing:	p_p	kPa	2394
Maximum pressure change during flowing period:	dp_p	kPa	453

Observation Hole:	KLX18	Section no.:	KLX18A_3
		Section length:	11.83-240.00
Distance r_s [m]:	571,30	max. Drawdown s_p [m]:*	0,13
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	117,1
Pressure in test section before stop of flowing:	p_p	kPa	118,4
Maximum pressure change during flowing period:*	dp_p	kPa	1,3

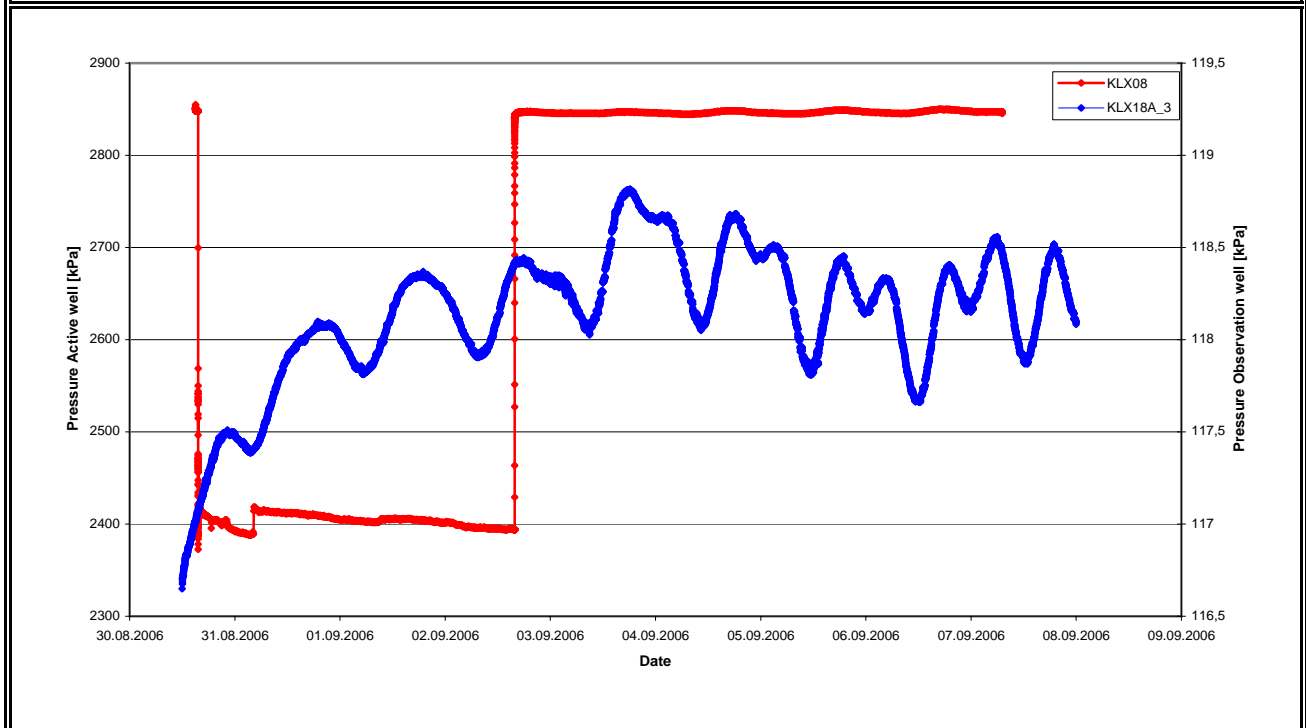
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Borehole: KLX08		
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APPENDIX 6-3

Index calculation

KLX08 Section 357.00 – 497.00 m pumped

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: HLX11 Section no.: HLX11_1
 Section length: 17.00-70.00
 Distance r_s [m]: 1092,70 max. Drawdown s_p [m]:* 0,00
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,9
Pressure in test section before stop of flowing:	p_p	kPa	86,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

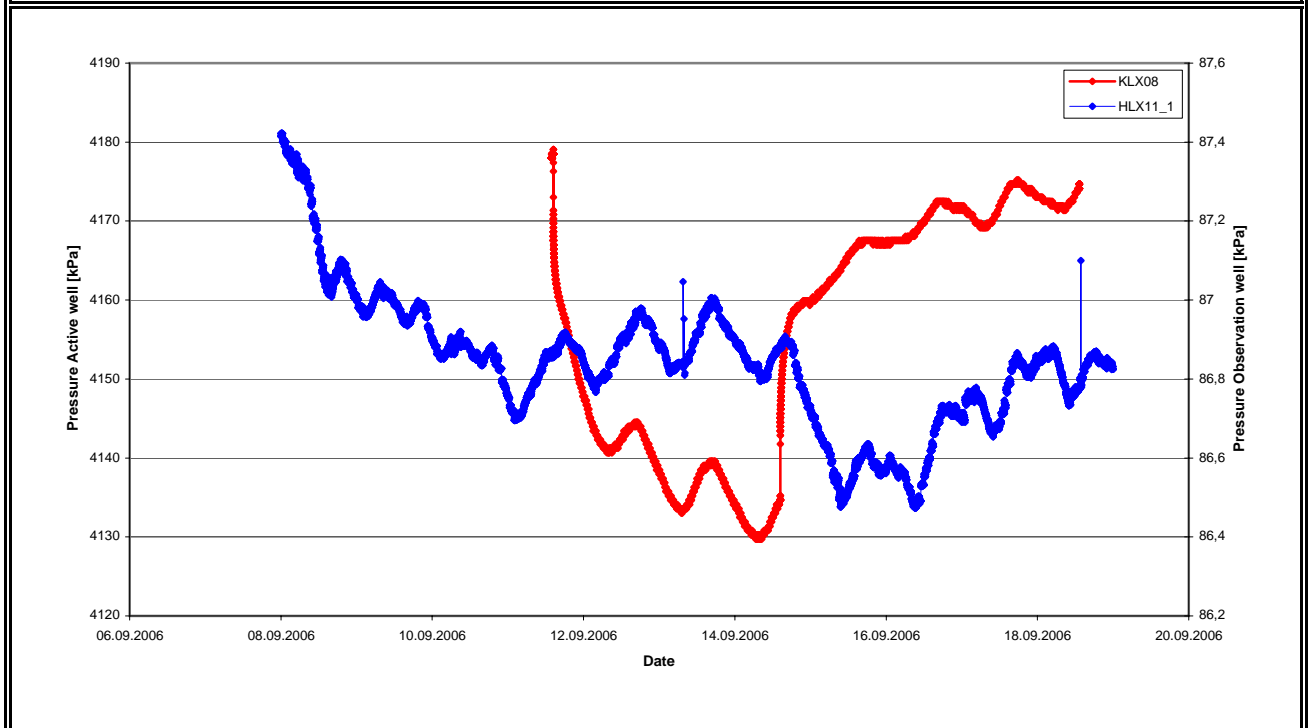
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

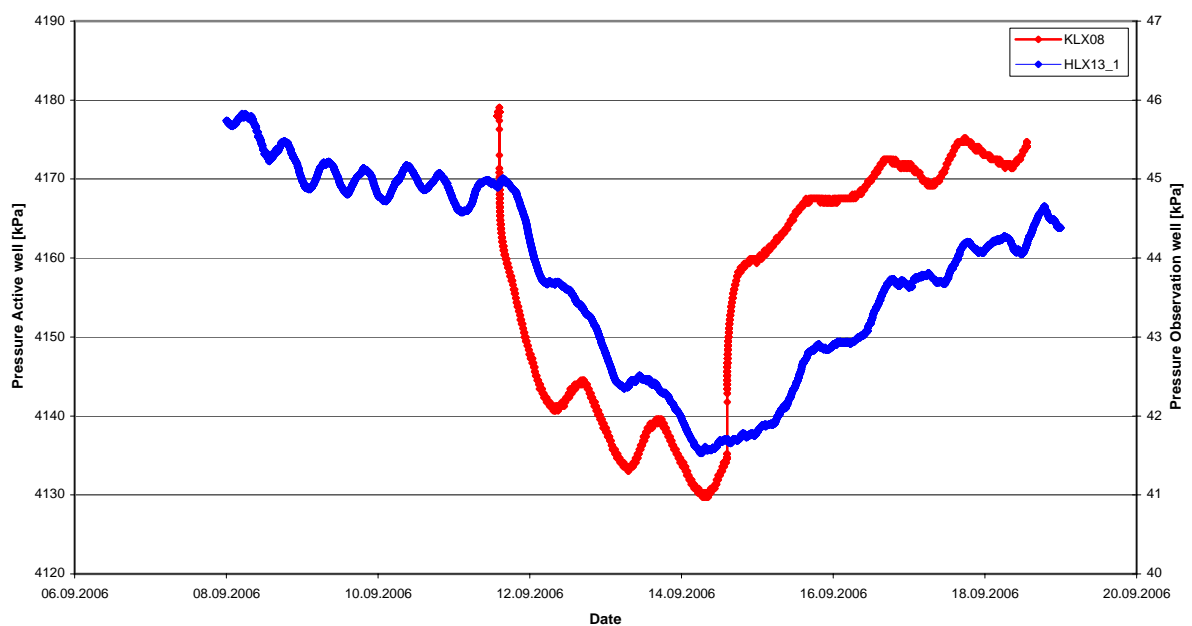
* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	HLX11	Section no.:	HLX11_2
		Section length:	6.00-16.00
Distance r_s [m]:	1092,70	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,0
Pressure in test section before stop of flowing:	p_p	kPa	86,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,1
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	HLX13	Section no.:	HLX13_1
		Section length:	12.00-200.2
Distance r_s [m]:	476,30	max. Drawdown s_p [m]:*	0,33
Response time dt_L [s]:	21397		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	44,9
Pressure in test section before stop of flowing:	p_p	kPa	41,7
Maximum pressure change during flowing period:*	dp_p	kPa	3,2
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	10,60	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	637,10	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	3928,42		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	HLX14	Section no.:	HLX14_1
		Section length:	12.00-115.90
Distance r_s [m]:	435,20	max. Drawdown s_p [m]:*	0,84
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	14,0
Pressure in test section before stop of flowing:	p_p	kPa	5,8
Maximum pressure change during flowing period:*	dp_p	kPa	8,2

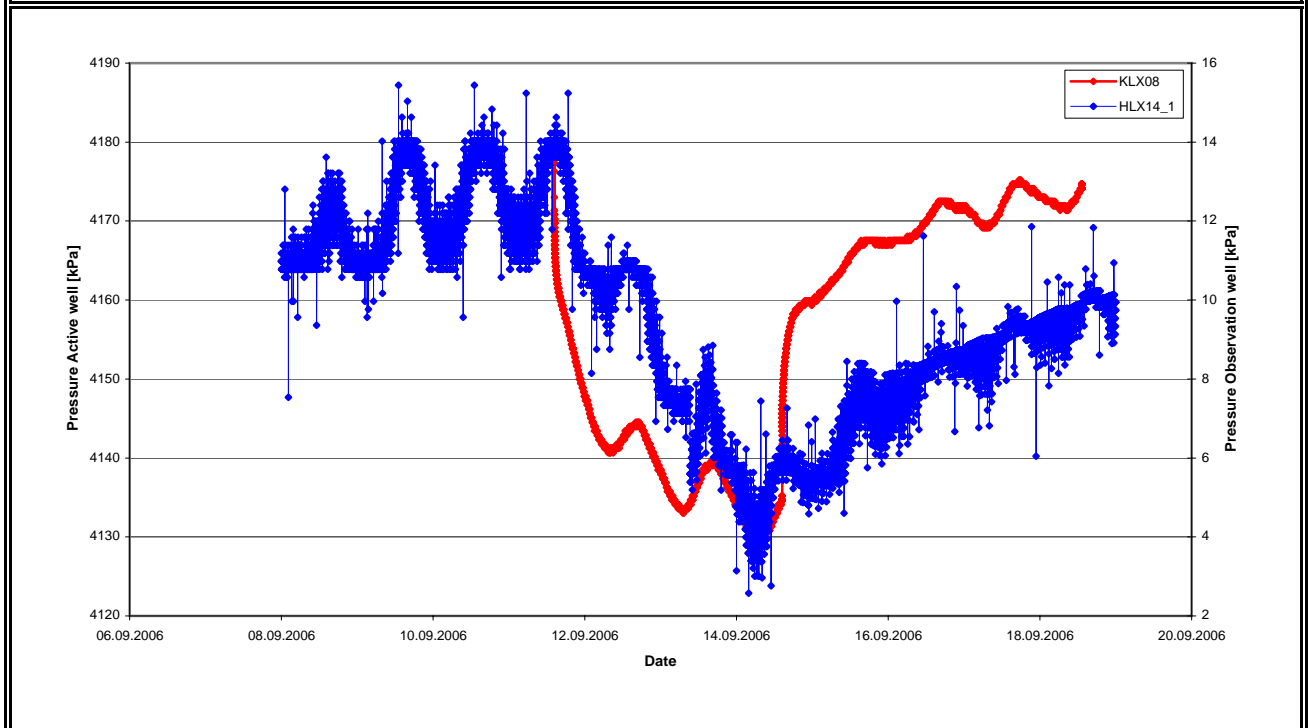
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 1632,58

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 9919,25

* see comment

Comment: clear response due to pumping in source



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: HLX23 Section no.: HLX23_2
 Section length: 6.10-60.00
 Distance r_s [m]: 919,70 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,1
Pressure in test section before stop of flowing:	p_p	kPa	99,0
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

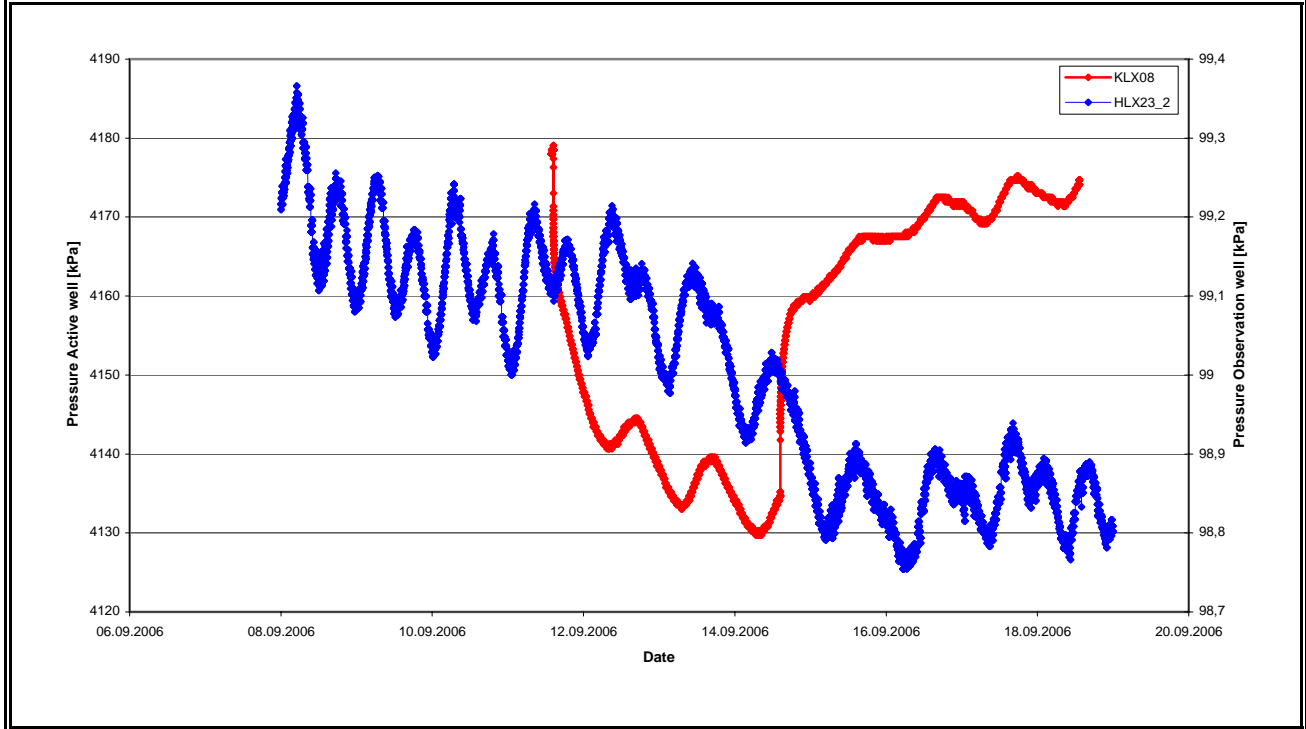
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: HLX24 Section no.: HLX24_1
 Section length: 41.00-175.20
 Distance r_s [m]: 873,40 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	100,4
Pressure in test section before stop of flowing:	p_p	kPa	100,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

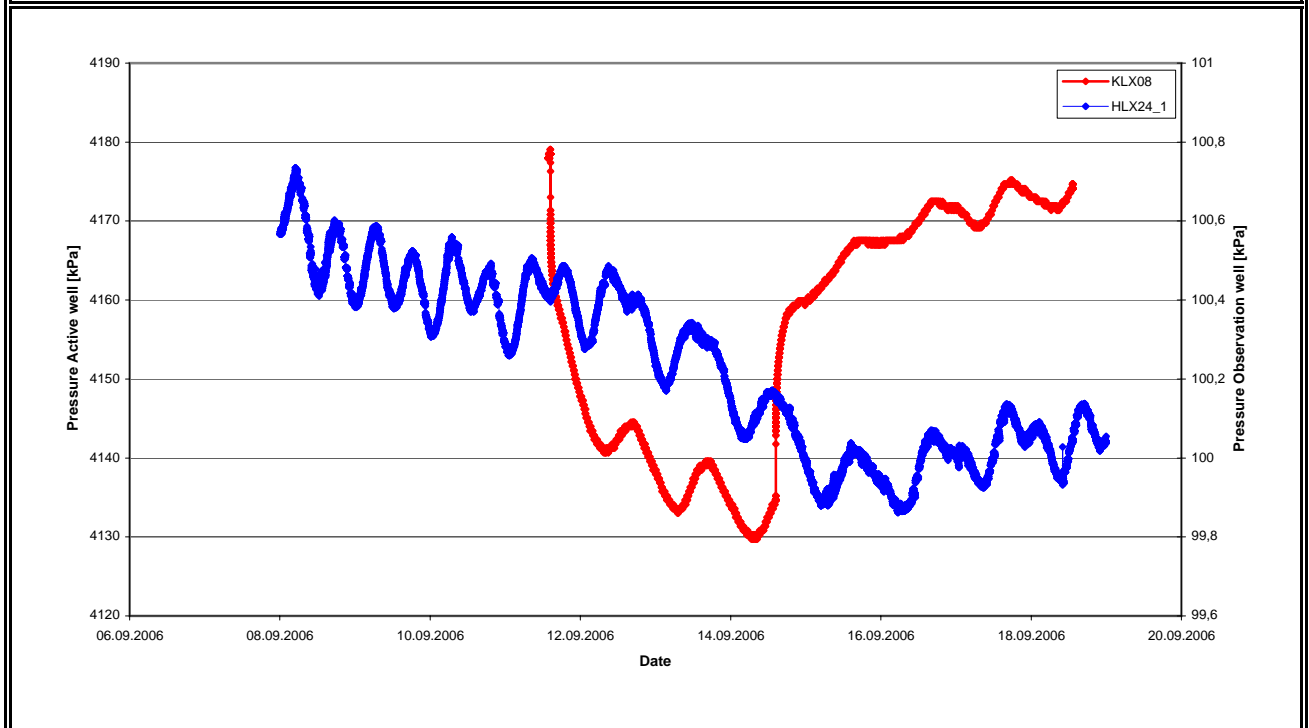
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

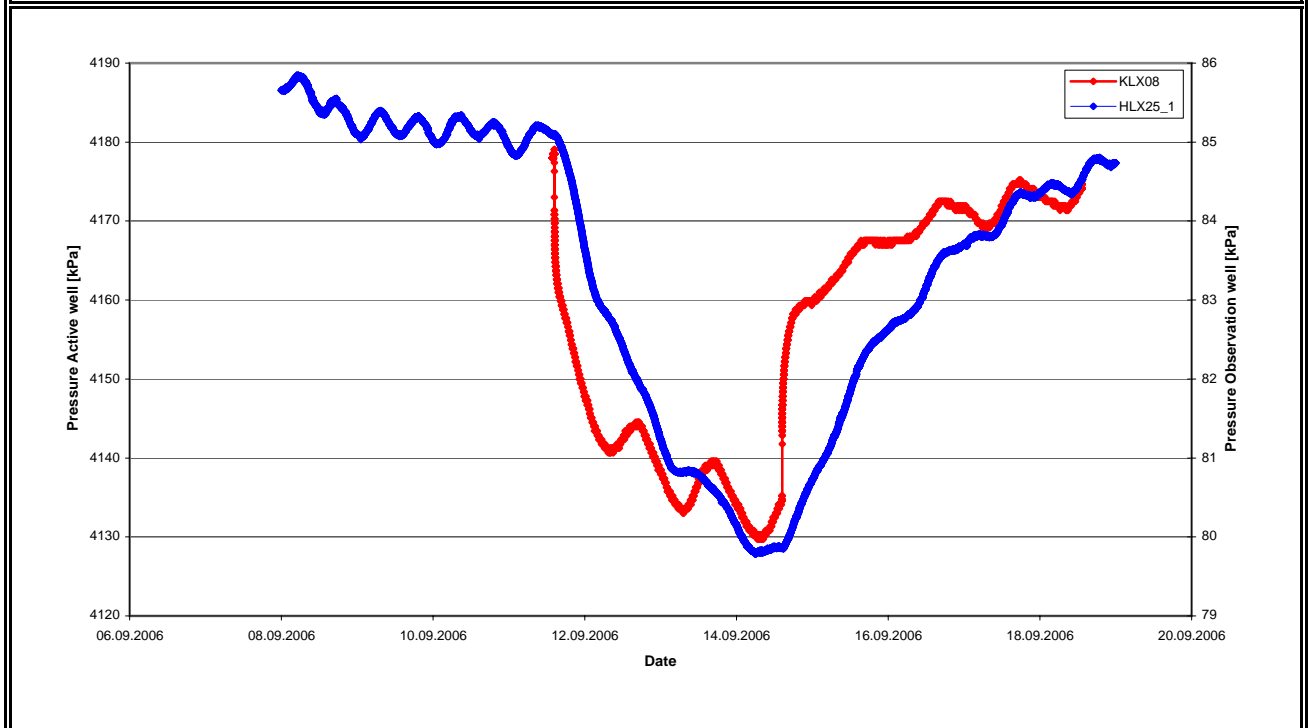
* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
 no index calculated

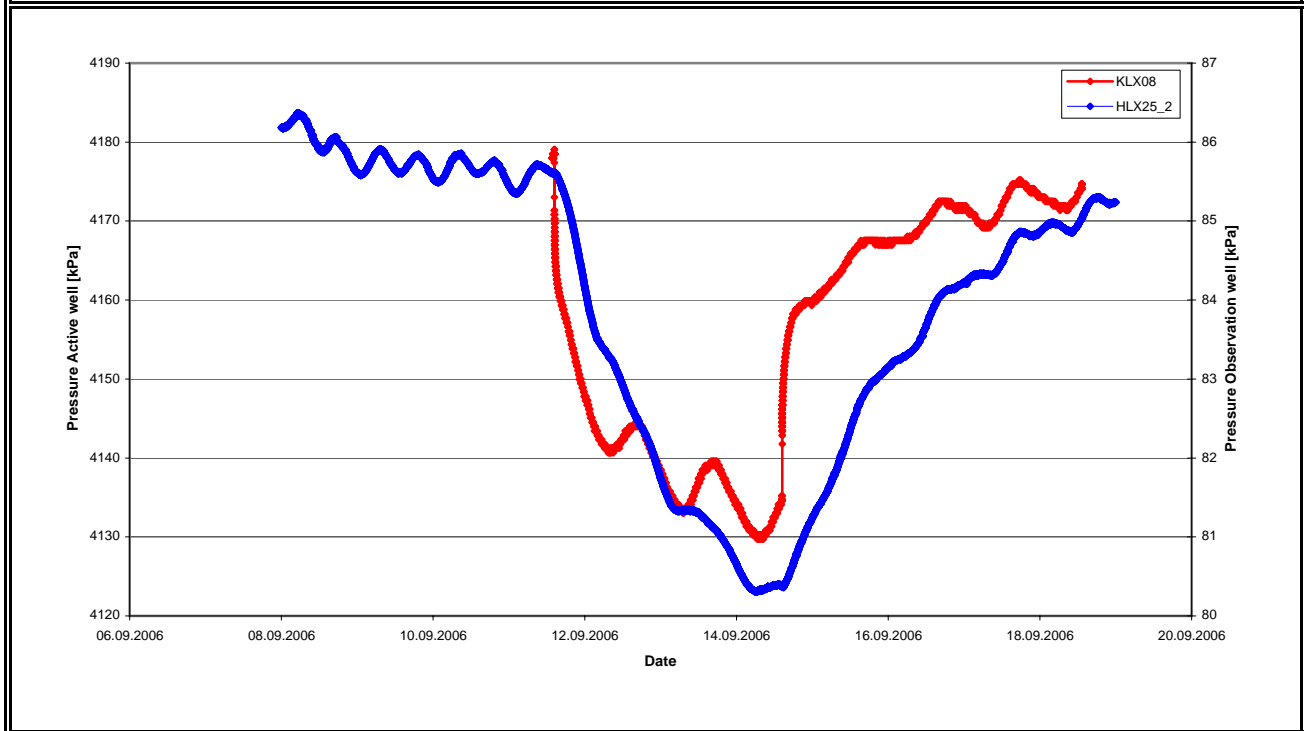


Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	HLX24	Section no.:	HLX24_2
		Section length:	9.10-40.00
Distance r_s [m]:	928,90	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,5
Pressure in test section before stop of flowing:	p_p	kPa	99,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,1
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	HLX25	Section no.:	HLX25_1
		Section length:	61.00-202.50
Distance r_s [m]:	347,00	max. Drawdown s_p [m]:*	0,53
Response time dt_L [s]:	6153		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,1
Pressure in test section before stop of flowing:	p_p	kPa	79,9
Maximum pressure change during flowing period:*	dp_p	kPa	5,2
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	19,57	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1035,30	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	6055,78	
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	HLX25	Section no.:	HLX25_2
		Section length:	6.12-60.00
Distance r_s [m]:	440,10	max. Drawdown s_p [m]:*	0,53
Response time dt_L [s]:	6407		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,6
Pressure in test section before stop of flowing:	p_p	kPa	80,4
Maximum pressure change during flowing period:*	dp_p	kPa	5,2
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	30,23	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	1035,30	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²):	6301,85		
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: HLX30 Section no.: HLX30_1
 Section length: 101.00-163.40
 Distance r_s [m]: 255,40 max. Drawdown s_p [m]:* 0,58
 Response time dt_L [s]: 7945

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,1
Pressure in test section before stop of flowing:	p_p	kPa	87,4
Maximum pressure change during flowing period:*	dp_p	kPa	5,7

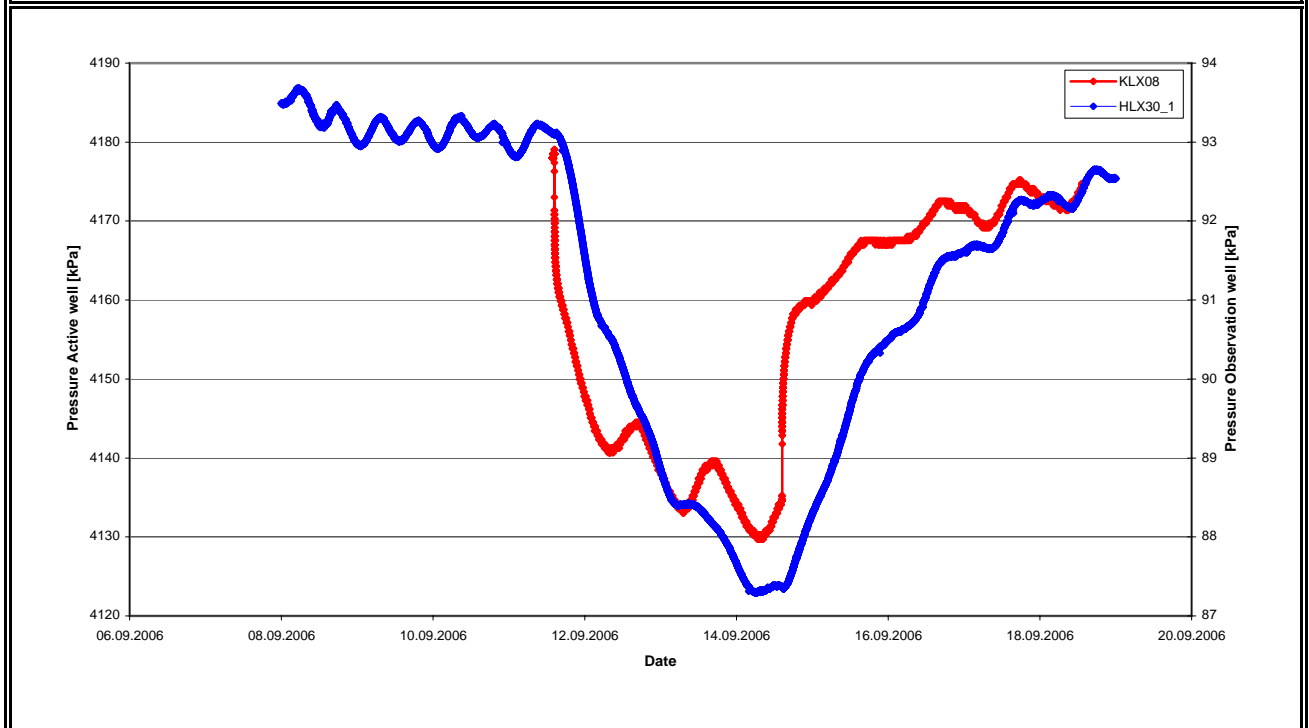
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): **8,21**

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): **1134,84**

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): **6290,24**

* see comment

Comment: clear response due to pumping in source



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: HLX30 Section no.: HLX30_2
 Section length: 9.10-100.0
 Distance r_s [m]: 301,20 max. Drawdown s_p [m]:* 0,47
 Response time dt_L [s]: 12959

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	93,5
Pressure in test section before stop of flowing:	p_p	kPa	88,9
Maximum pressure change during flowing period:*	dp_p	kPa	4,6

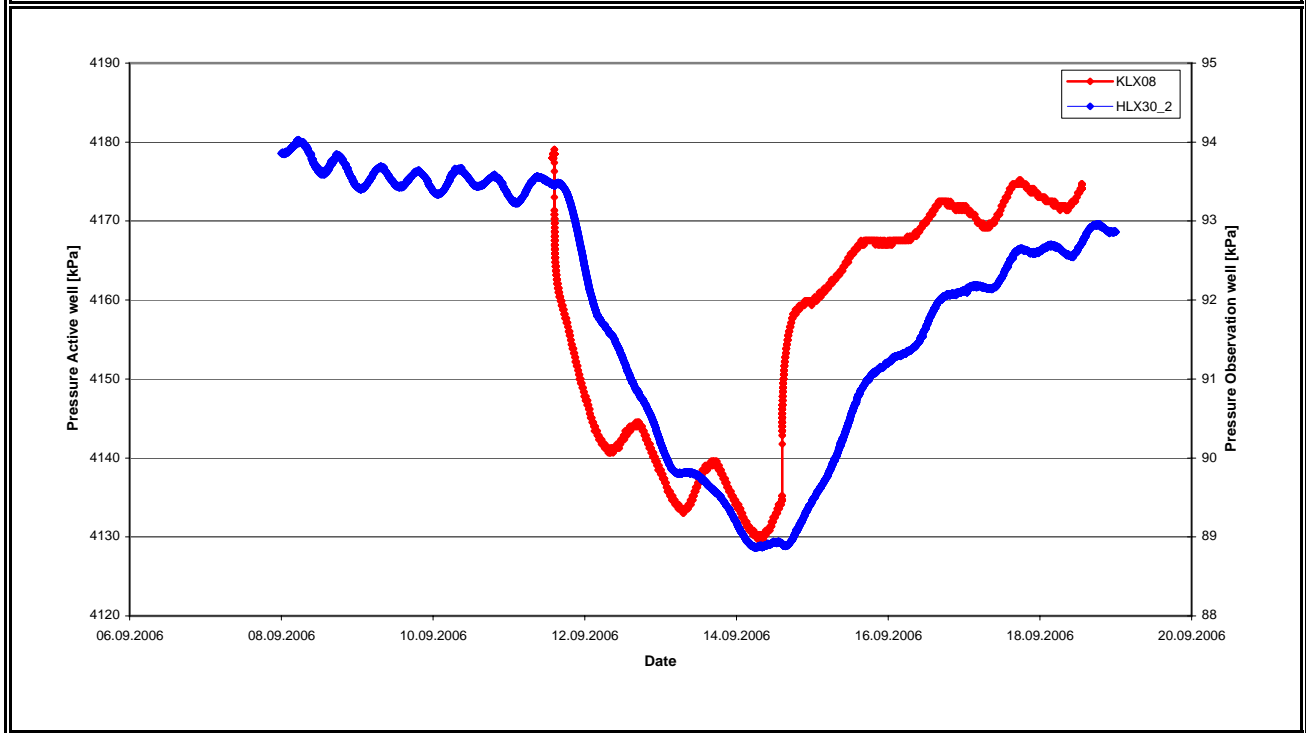
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): **7,00**

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): **915,84**

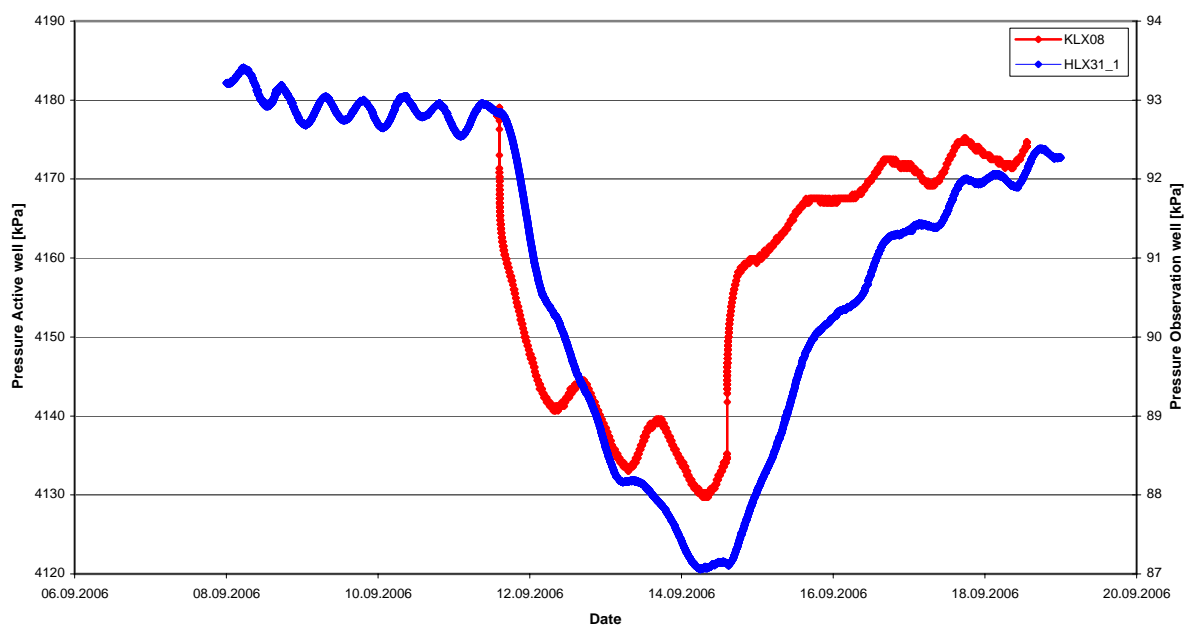
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 5227,40

* see comment

Comment: clear response due to pumping in source



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	HLX31	Section no.:	HLX31_1
		Section length:	9.10-133.20
Distance r_s [m]:	279,00	max. Drawdown s_p [m]:*	0,58
Response time dt_L [s]:	7504		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,8
Pressure in test section before stop of flowing:	p_p	kPa	87,1
Maximum pressure change during flowing period:*	dp_p	kPa	5,7
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):		10,37
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):		1134,84
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):		6390,54
			* see comment
Comment:	clear response due to pumping in source		



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	HLX33	Section no.:	HLX33_1
		Section length:	31.00-202.10
Distance r_s [m]:	638,00	max. Drawdown s_p [m]:*	0,07
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	100,0
Pressure in test section before stop of flowing:	p_p	kPa	99,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,7

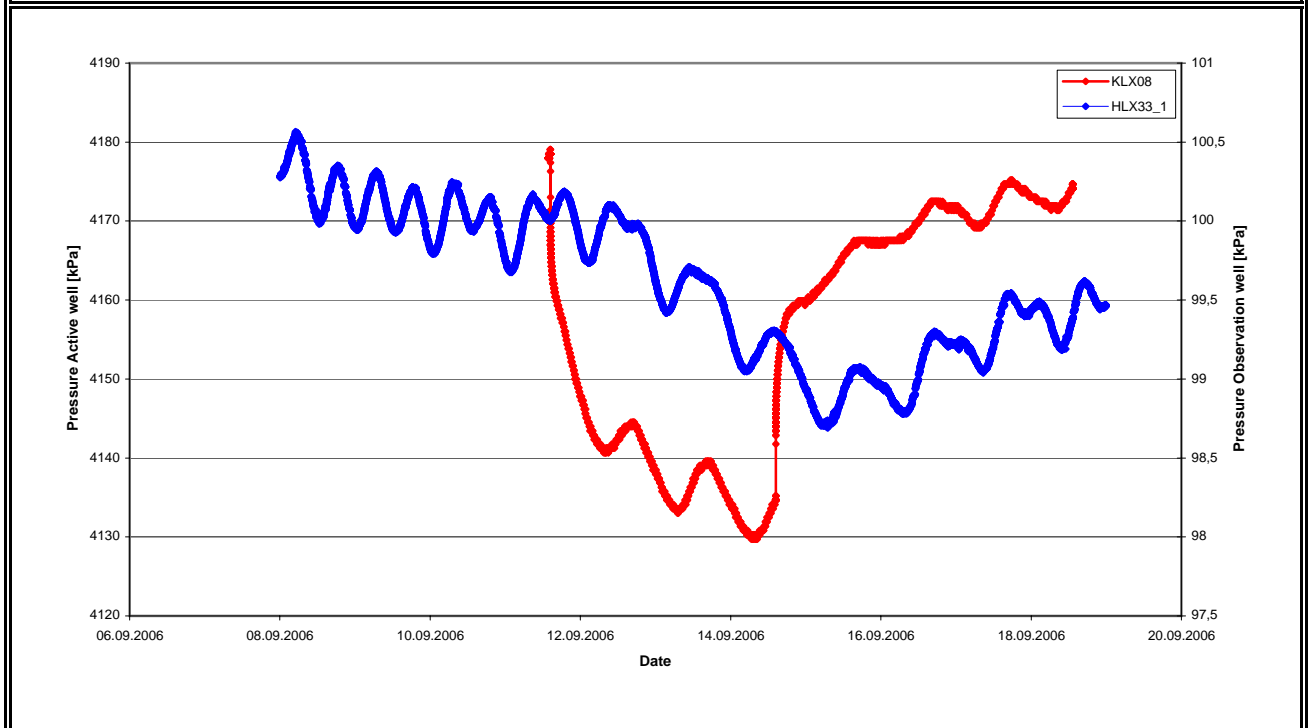
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no clear response due to pumping in source
pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: HLX33 Section no.: HLX33_2
 Section length: 9.10-30.00
 Distance r_s [m]: 708,70 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	99,7
Pressure in test section before stop of flowing:	p_p	kPa	99,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

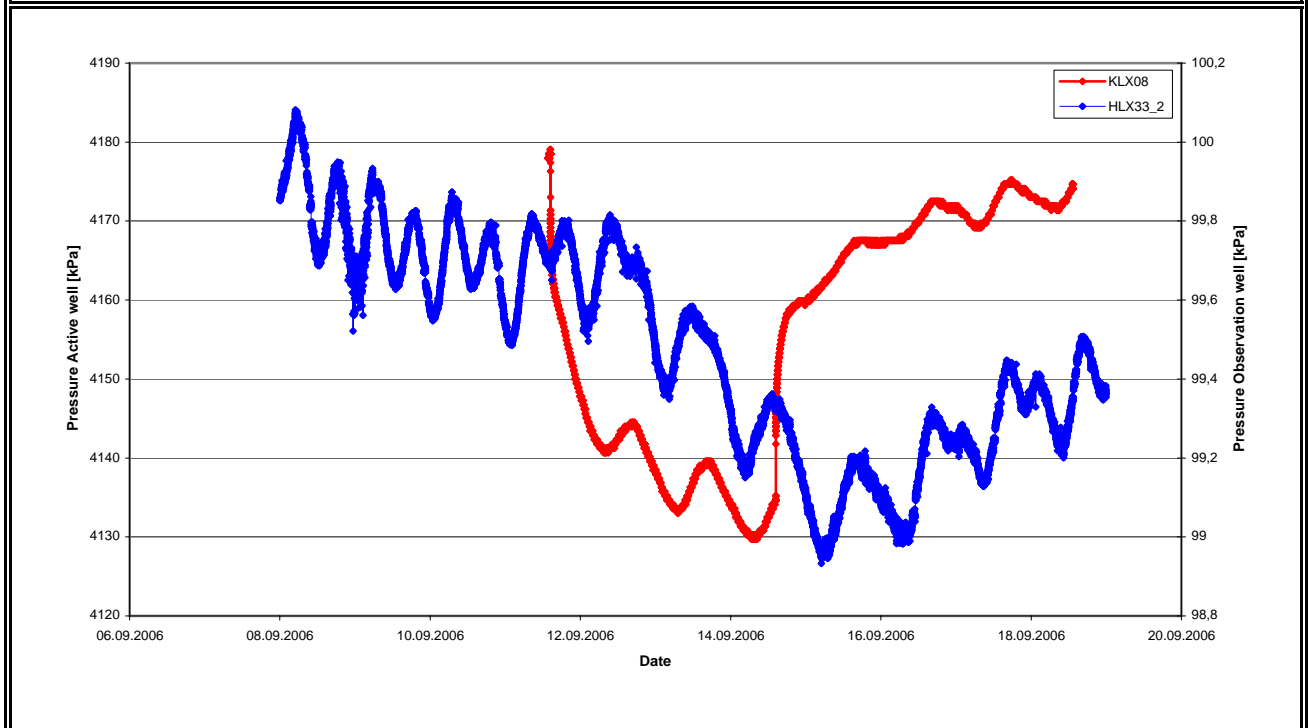
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no clear response due to pumping in source
 pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	HLX34	Section no.:	HLX34_1
		Section length:	9.10-151.80
Distance r_s [m]:	745,30	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	120,8
Pressure in test section before stop of flowing:	p_p	kPa	121,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

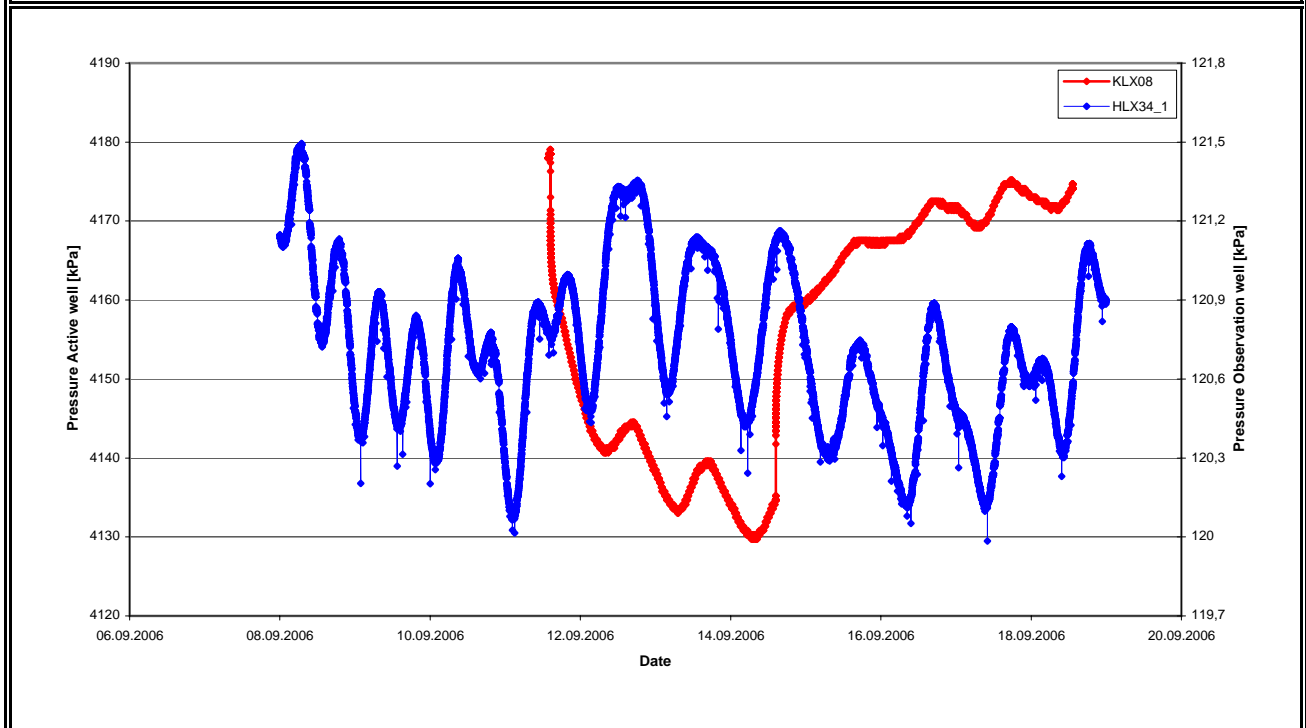
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: HLX35 Section no.: HLX35_1
 Section length: 65.00-151.50
 Distance r_s [m]: 693,80 max. Drawdown s_p [m]:* 0,00
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	112,1
Pressure in test section before stop of flowing:	p_p	kPa	112,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

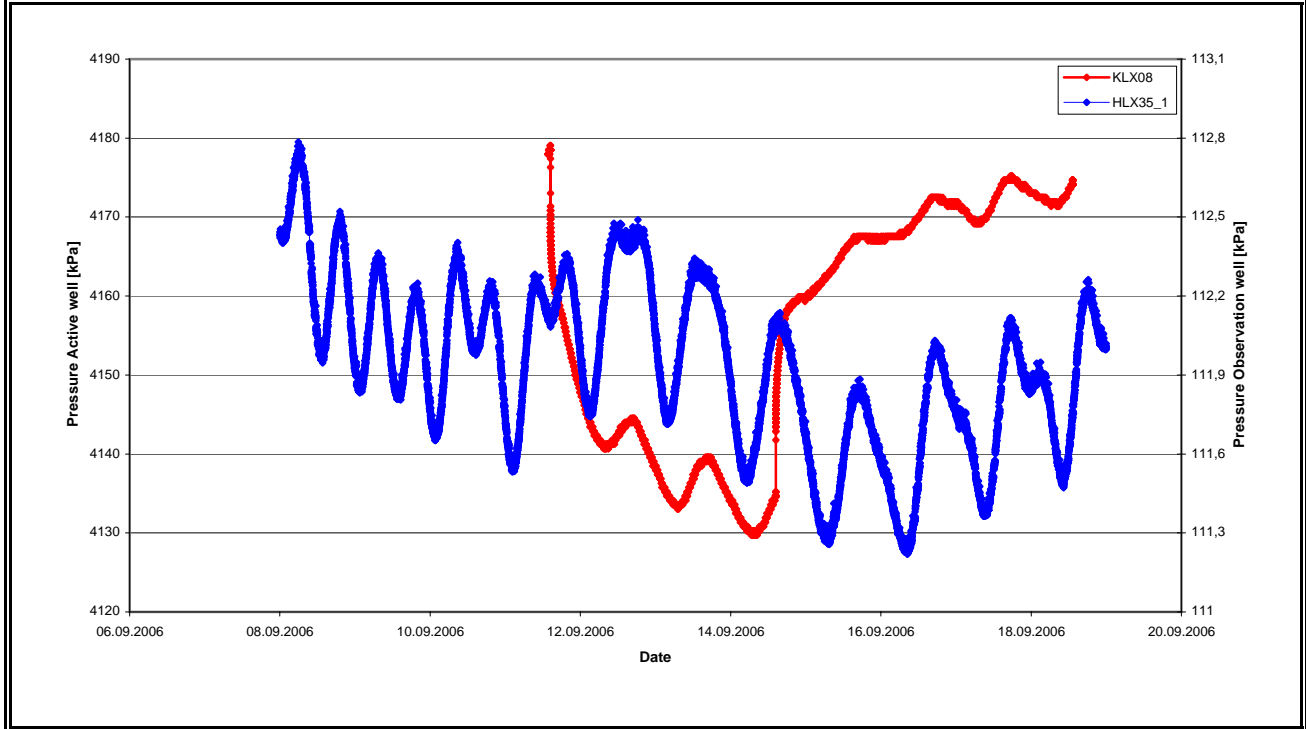
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	HLX35	Section no.:	HLX35_2
		Section length:	6.10-64.00
Distance r_s [m]:	769,50	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	107,7
Pressure in test section before stop of flowing:	p_p	kPa	107,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

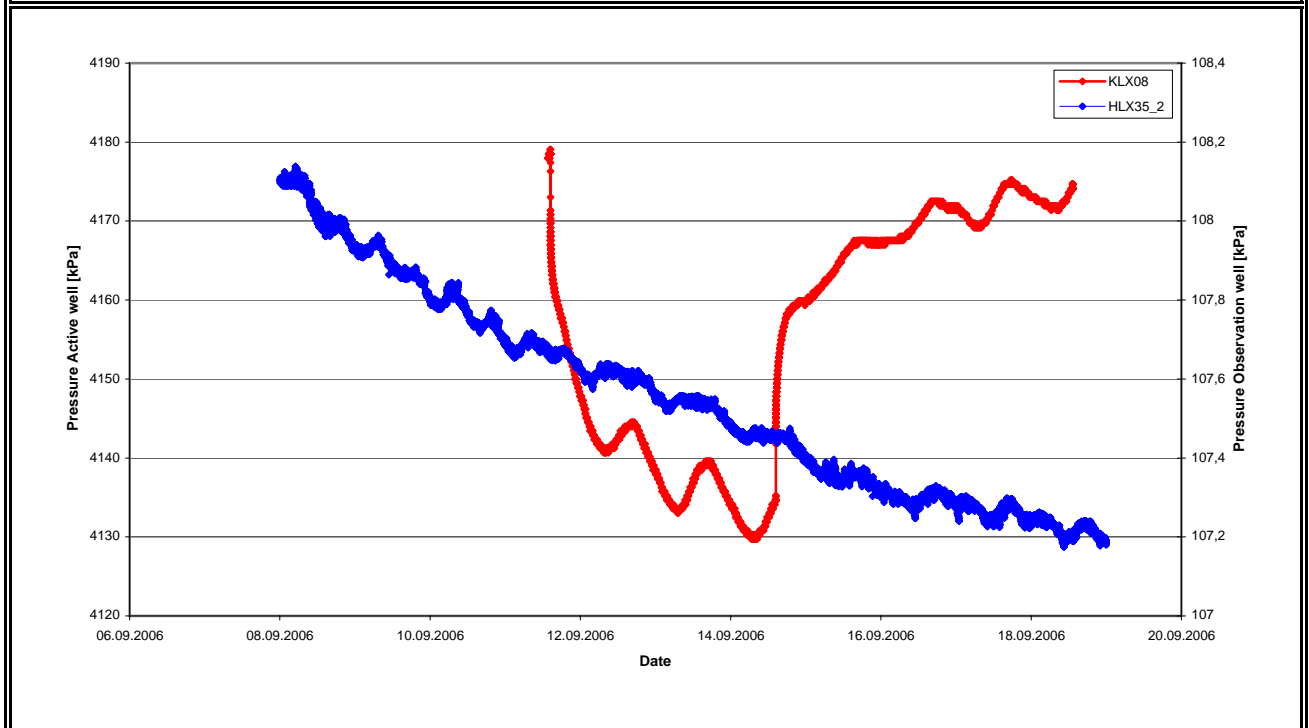
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX02 Section no.: KLX02_1
 Section length: 1165.00-1700.00
 Distance r_s [m]: 1563,40 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	69,9
Pressure in test section before stop of flowing:	p_p	kPa	70,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

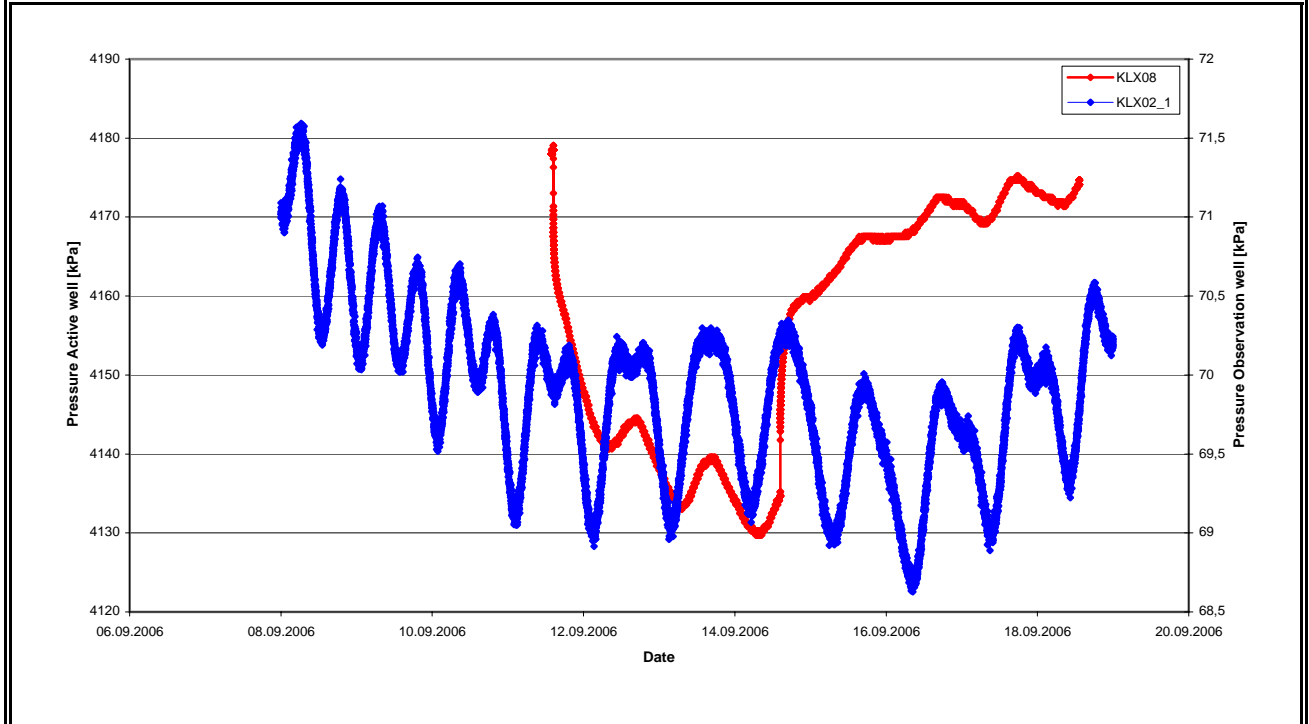
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX02	Section no.:	KLX02_2
		Section length:	1145.00-1164.00
Distance r_s [m]:	1387,10	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	54,4
Pressure in test section before stop of flowing:	p_p	kPa	54,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

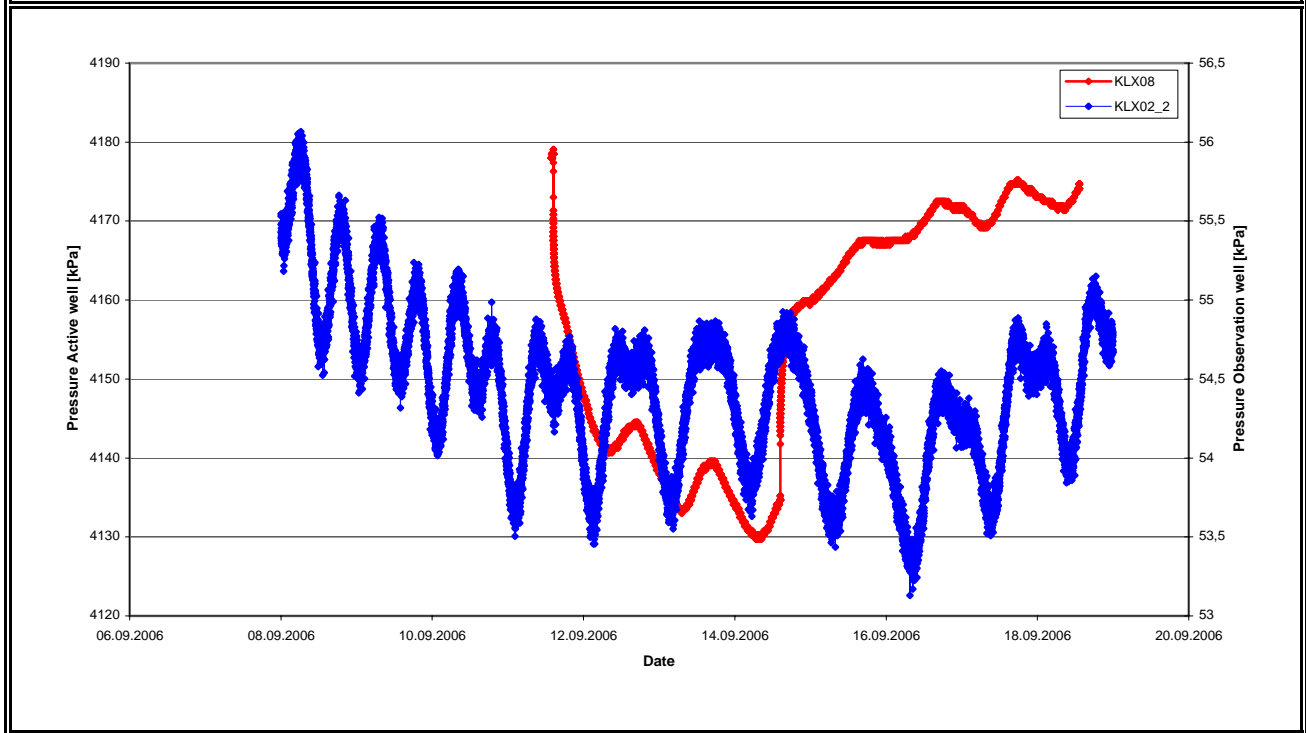
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX02 Section no.: KLX02_3
 Section length: 718.00-1144.00
 Distance r_s [m]: 1272,30 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	25,6
Pressure in test section before stop of flowing:	p_p	kPa	25,9
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

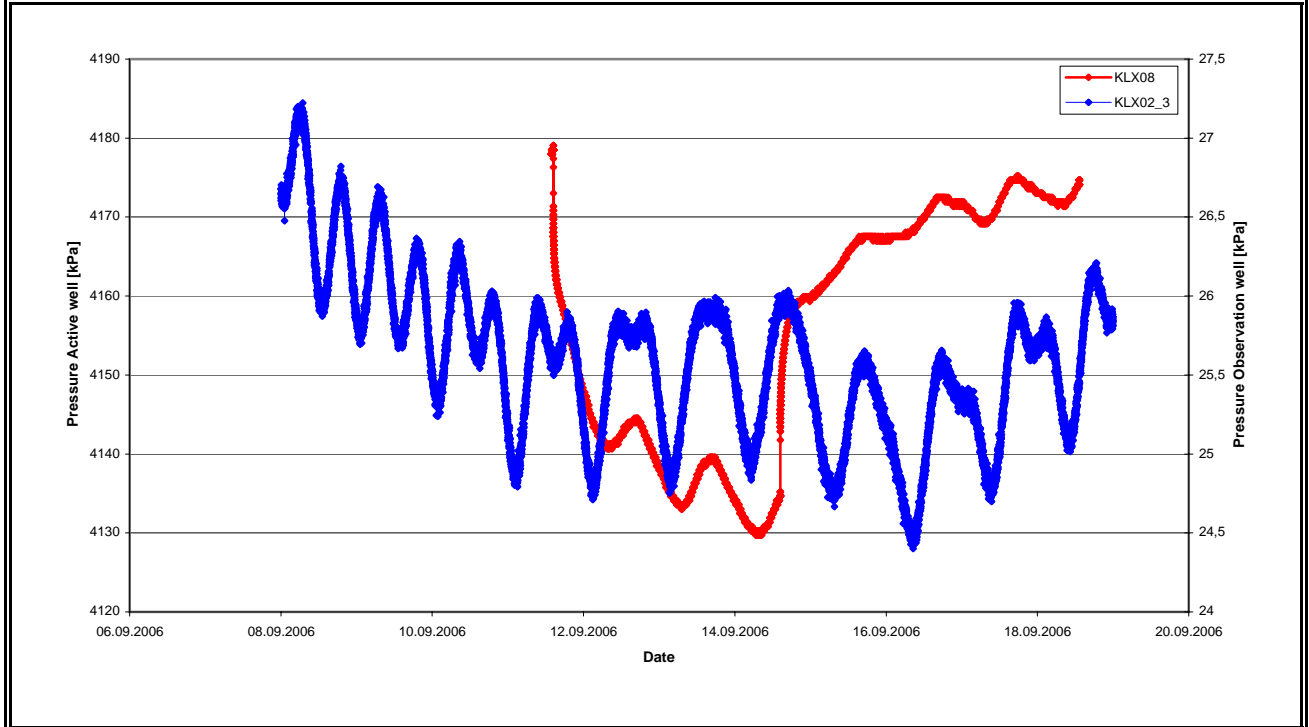
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX02	Section no.:	KLX02_4
		Section length:	495.00-717.00
Distance r_s [m]:	1163,50	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	52,1
Pressure in test section before stop of flowing:	p_p	kPa	52,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

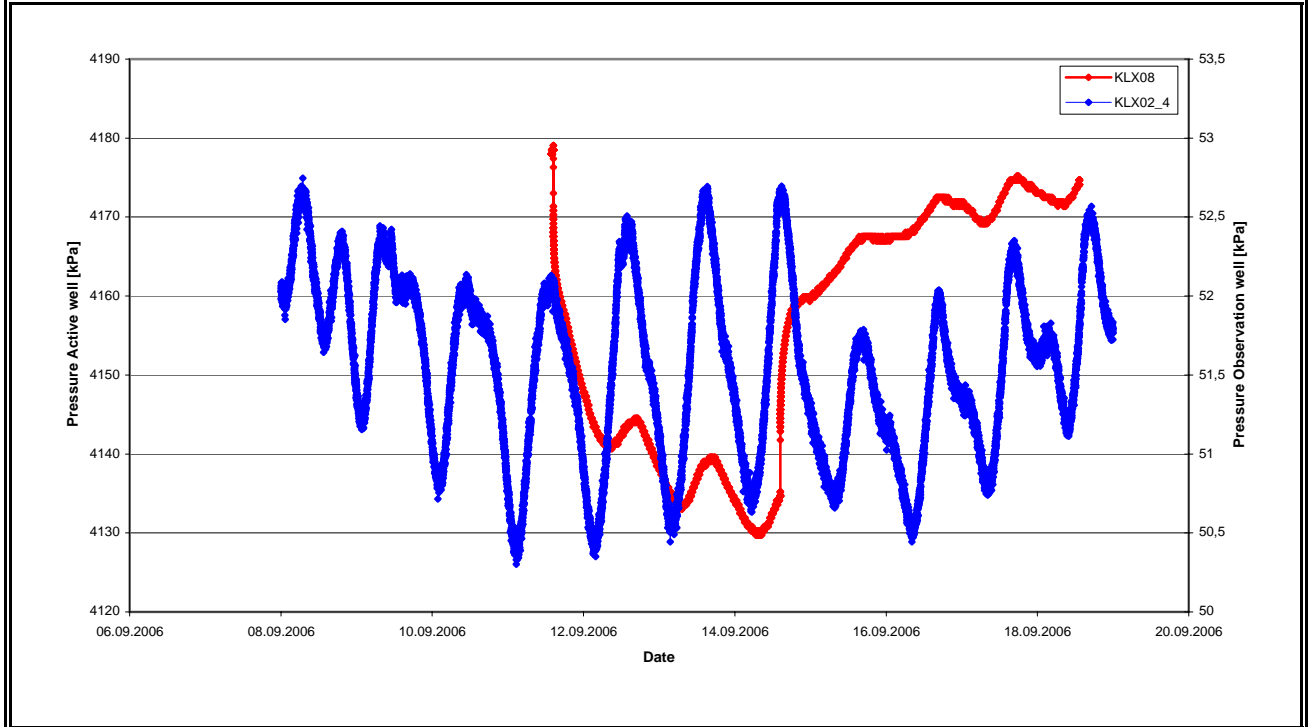
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX02 Section no.: KLX02_5
 Section length: 452.00-494.00
 Distance r_s [m]: 1142,90 max. Drawdown s_p [m]:* 0,05
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	59,3
Pressure in test section before stop of flowing:	p_p	kPa	59,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

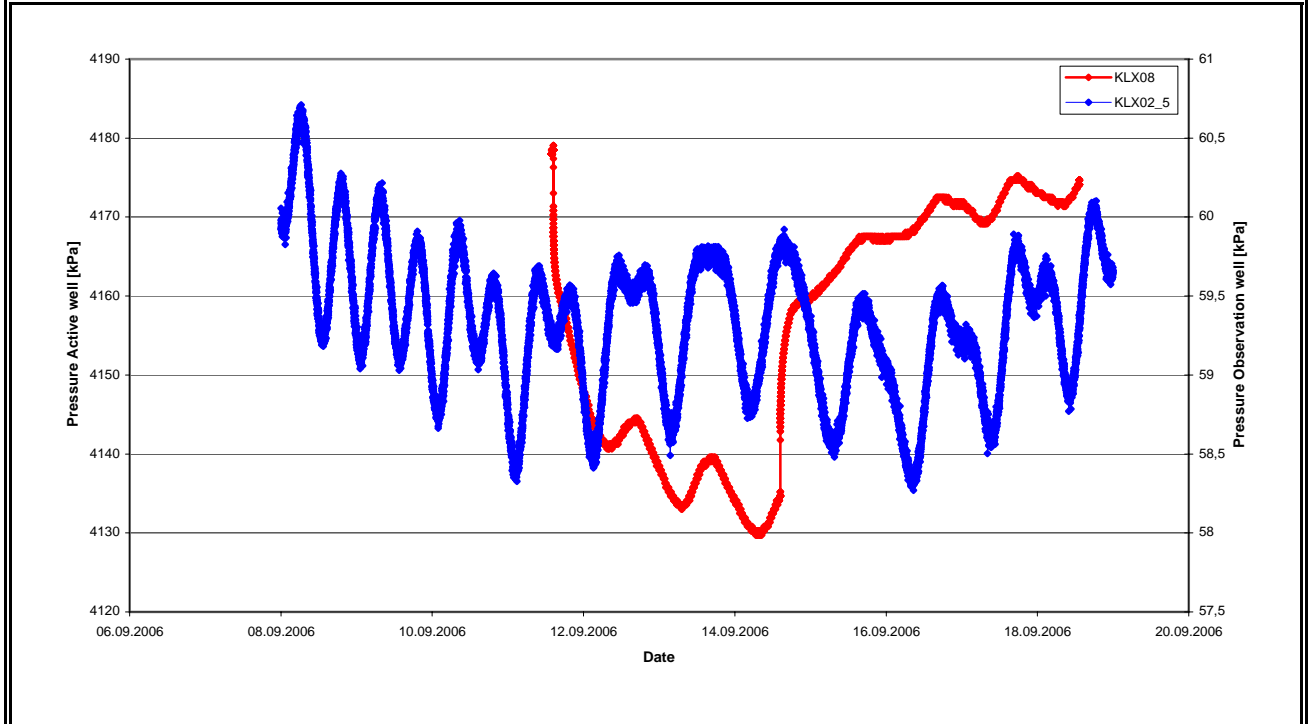
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX02 Section no.: KLX02_6
 Section length: 348.00-451.00
 Distance r_s [m]: 1138,00 max. Drawdown s_p [m]:* 0,06
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	65,2
Pressure in test section before stop of flowing:	p_p	kPa	65,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

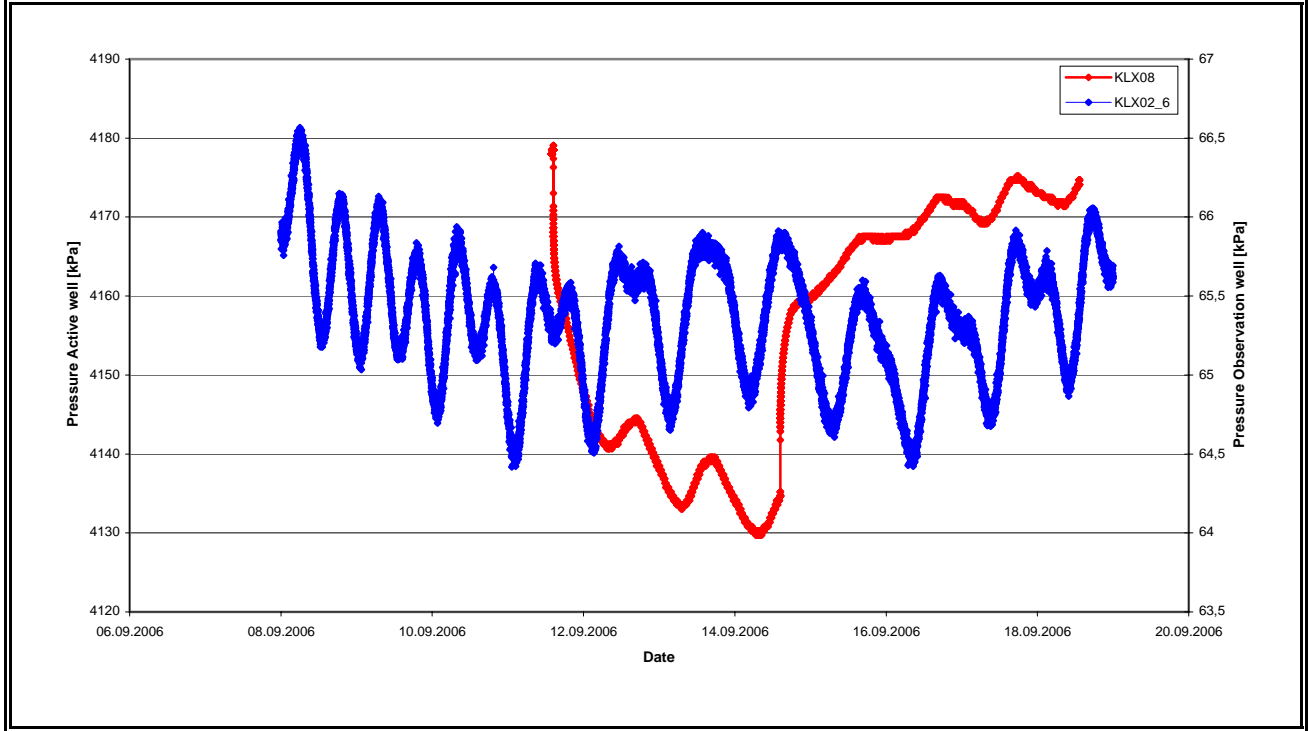
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX02	Section no.:	KLX02_7
		Section length:	209.00-347.00
Distance r_s [m]:	1140,50	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	79,8
Pressure in test section before stop of flowing:	p_p	kPa	80,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

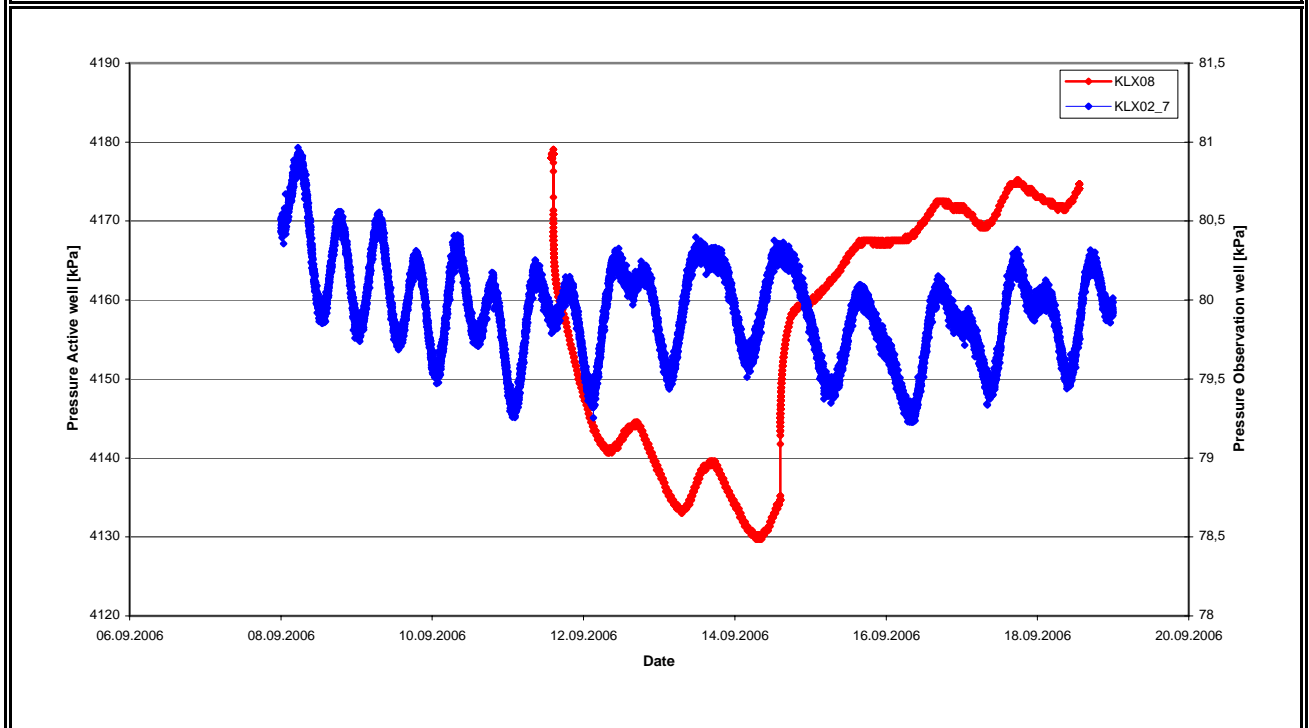
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX02	Section no.:	KLX02_8
		Section length:	100.35-208.00
Distance r_s [m]:	1148,20	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	101,8
Pressure in test section before stop of flowing:	p_p	kPa	101,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

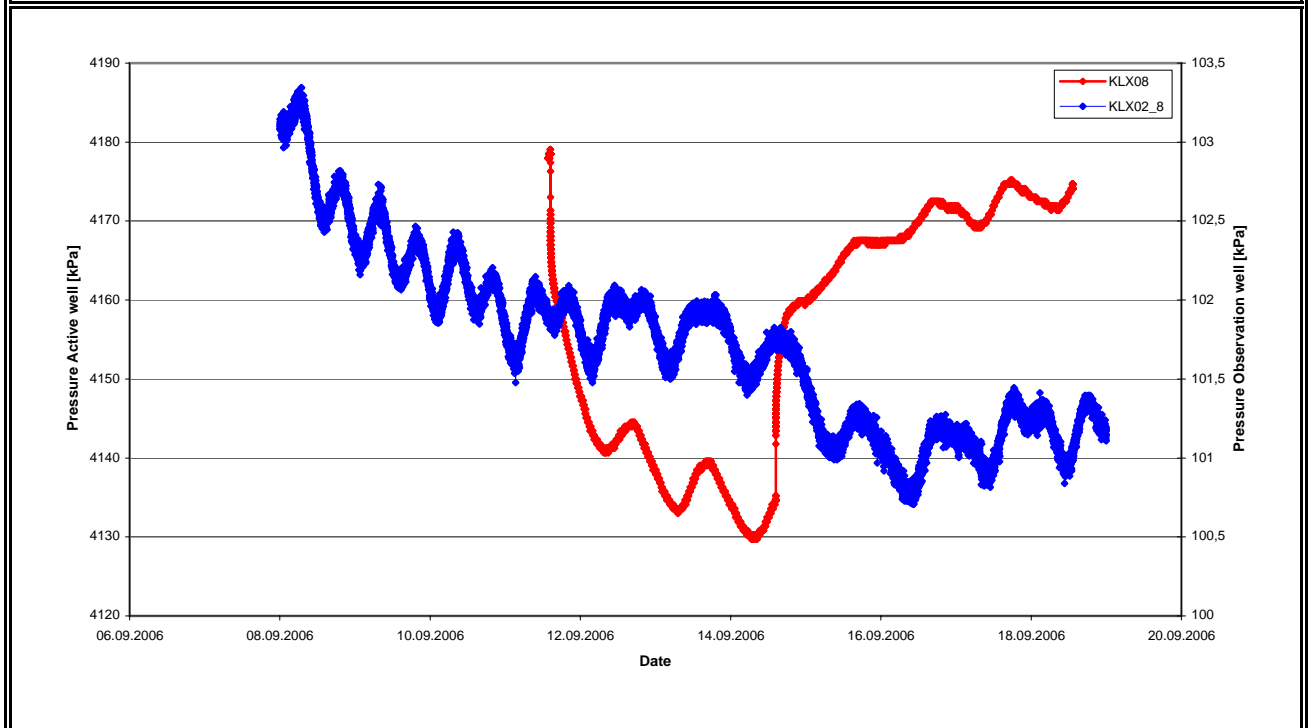
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX03	Section no.:	KLX03_1
		Section length:	965.00-971.00
Distance r_s [m]:	1242,60	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,0
Pressure in test section before stop of flowing:	p_p	kPa	113,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

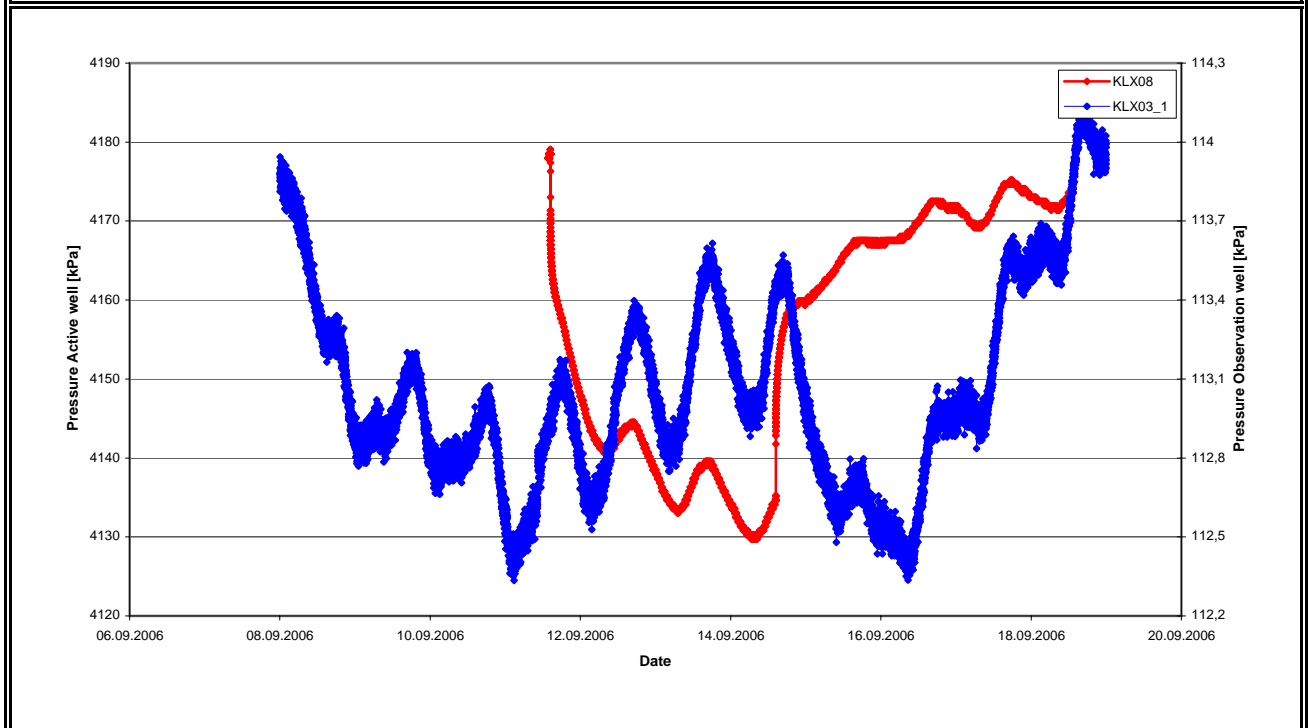
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX03	Section no.:	KLX03_2
		Section length:	830.00-964.00
Distance r_s [m]:	1199,60	max. Drawdown s_p [m]:*	0,06
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,8
Pressure in test section before stop of flowing:	p_p	kPa	93,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

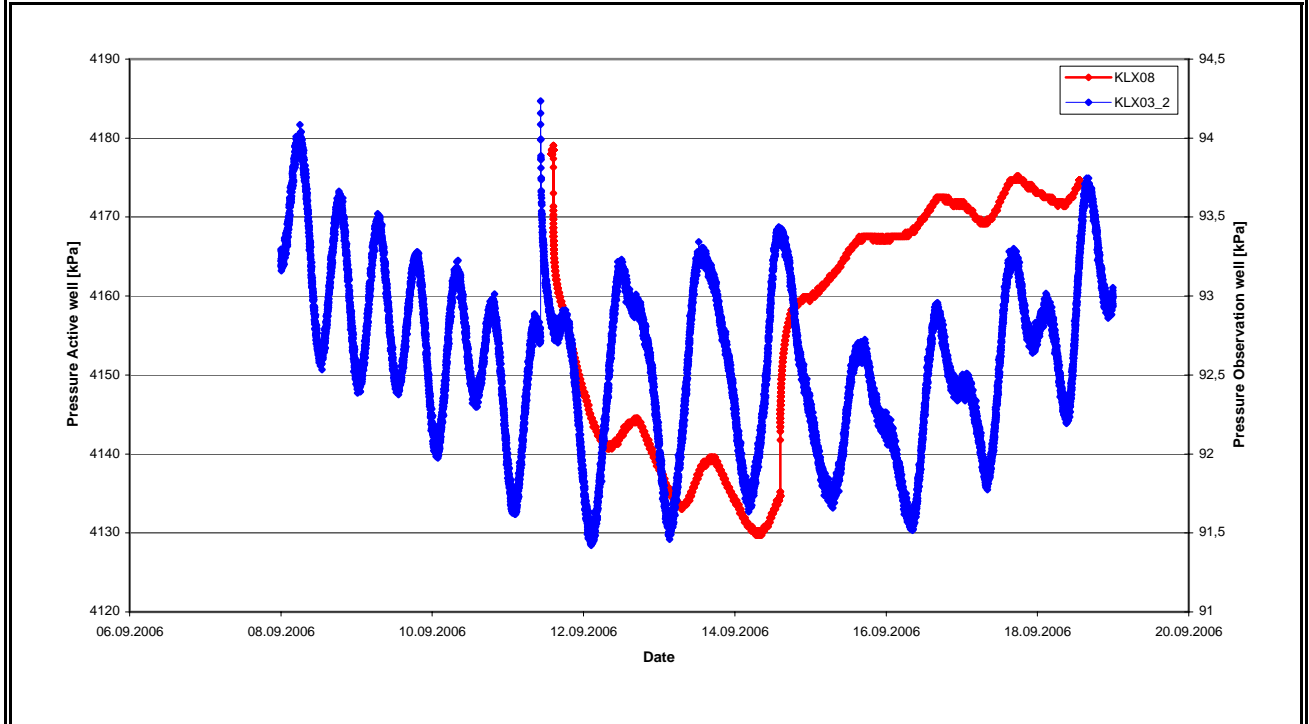
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	KLX03	Section no.:	KLX03_3
		Section length:	752.00-829.00
Distance r_s [m]:	1124,90	max. Drawdown s_p [m]:*	0,05
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	92,8
Pressure in test section before stop of flowing:	p_p	kPa	93,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,5
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX03	Section no.:	KLX03_4
		Section length:	729.00-751.00
Distance r_s [m]:	1111,40	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	90,8
Pressure in test section before stop of flowing:	p_p	kPa	91,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

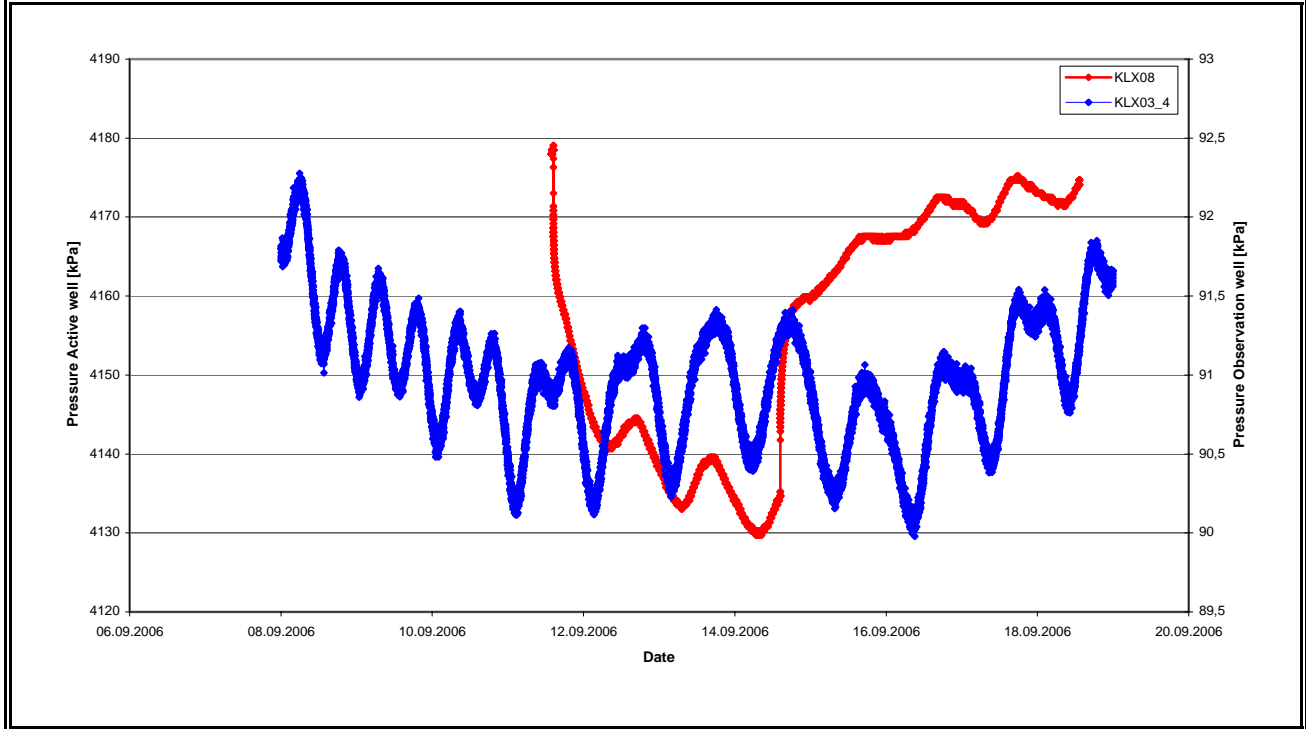
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX03	Section no.:	KLX03_5
		Section length:	652.00-728.00
Distance r_s [m]:	1068,00	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	91,6
Pressure in test section before stop of flowing:	p_p	kPa	91,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

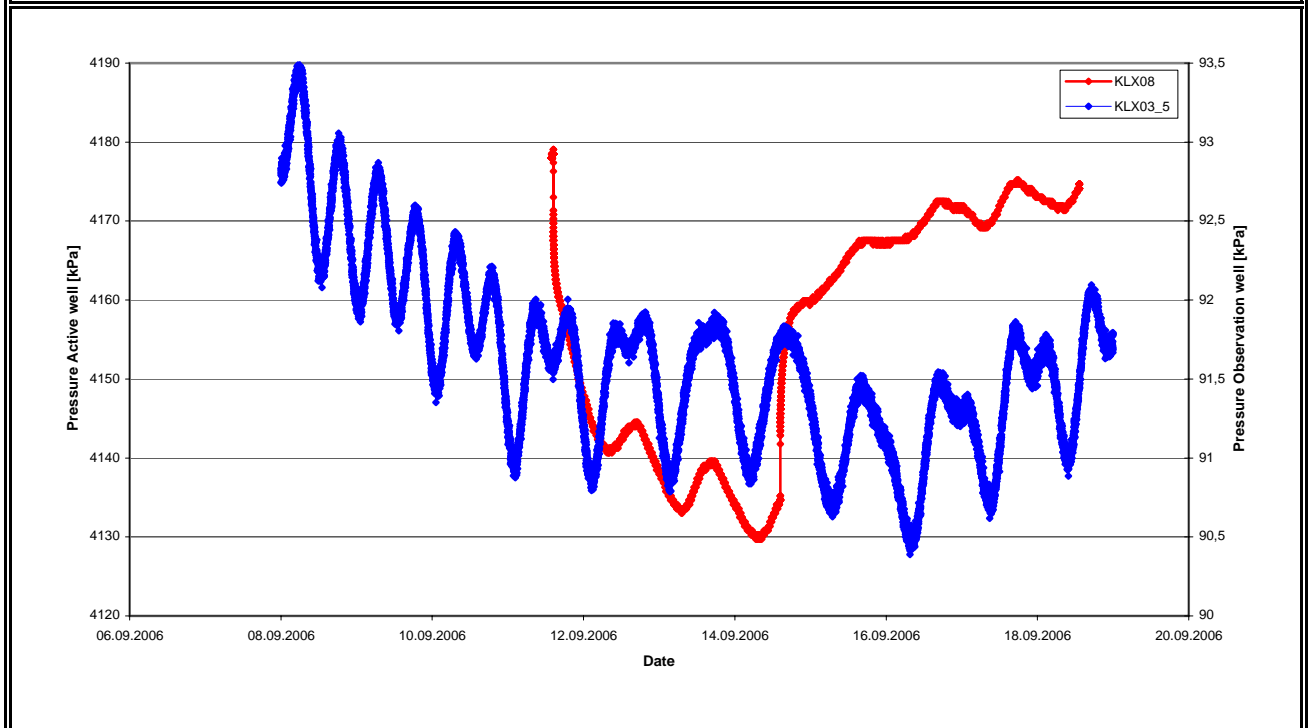
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX03	Section no.:	KLX03_6
		Section length:	465.00-651.00
Distance r_s [m]:	1049,00	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	88,9
Pressure in test section before stop of flowing:	p_p	kPa	89,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

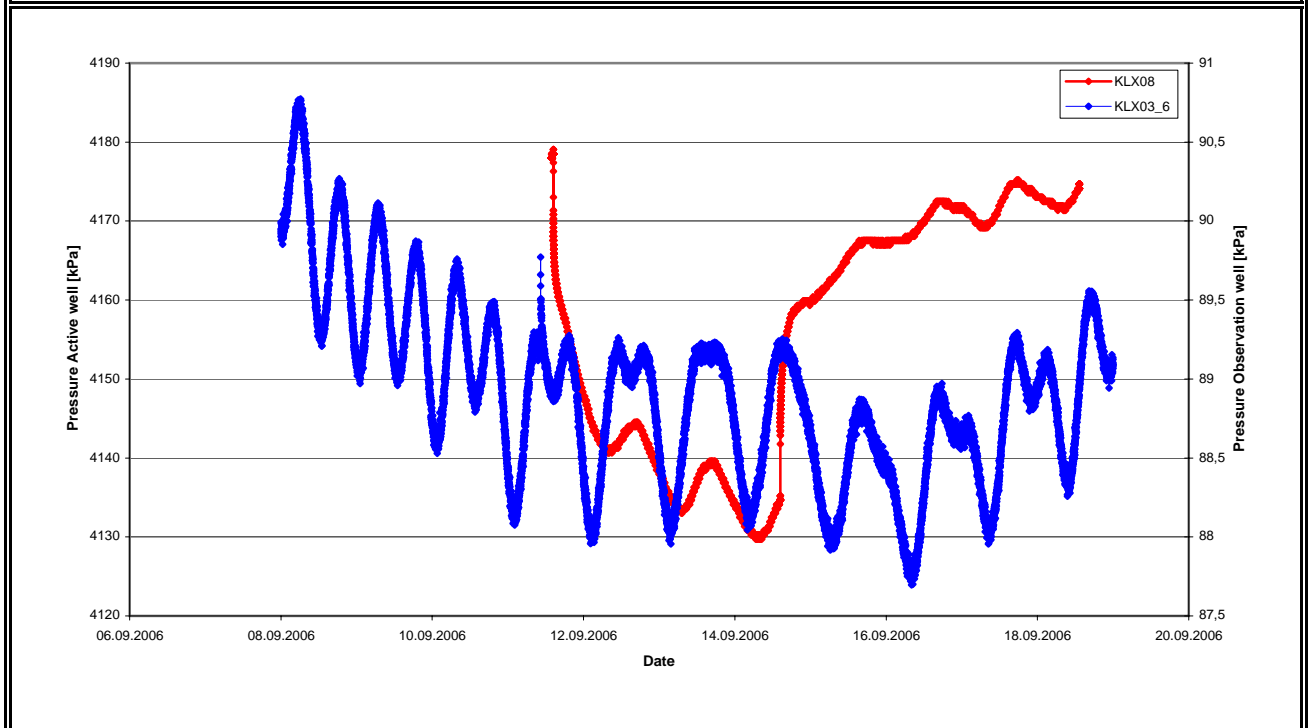
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX03 Section no.: KLX03_7
 Section length: 349.00-464.00
 Distance r_s [m]: 969,60 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,3
Pressure in test section before stop of flowing:	p_p	kPa	86,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

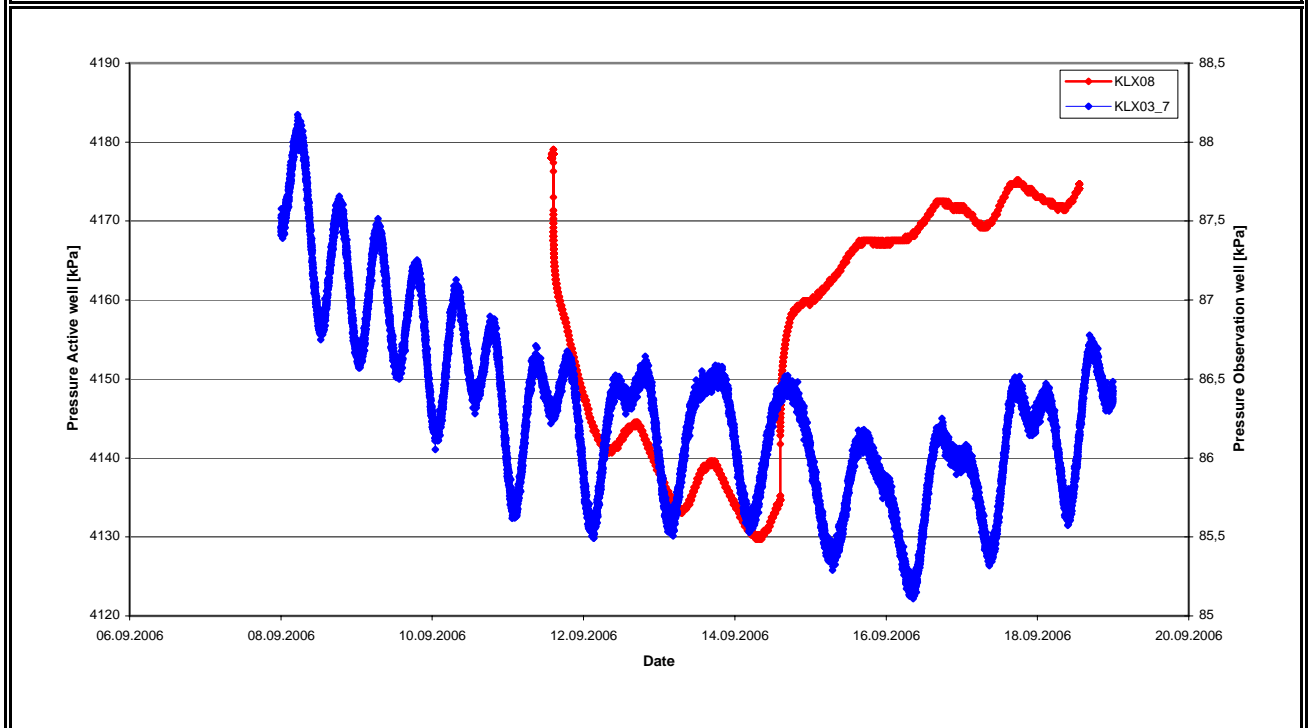
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX03	Section no.:	KLX03_8
		Section length:	199.00-348.00
Distance r_s [m]:	937,10	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,3
Pressure in test section before stop of flowing:	p_p	kPa	94,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

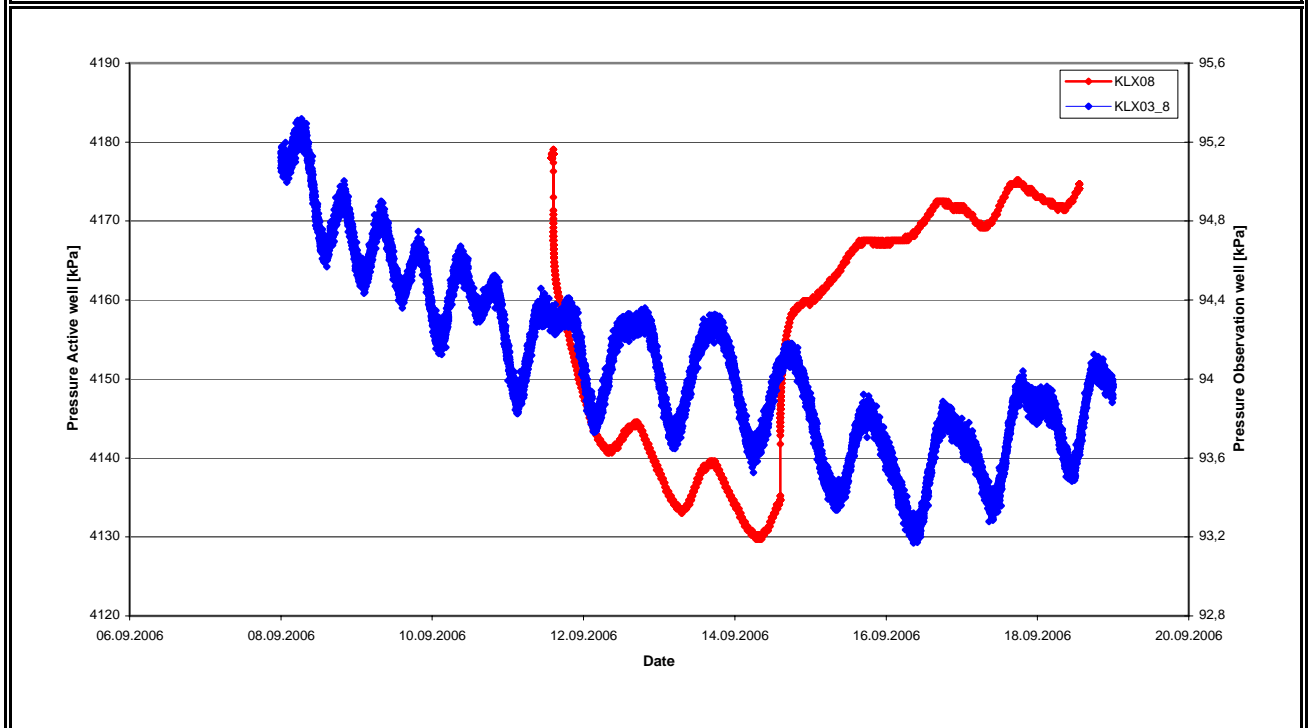
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX03	Section no.:	KLX03_9
		Section length:	193.00-198.00
Distance r_s [m]:	928,70	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	95,5
Pressure in test section before stop of flowing:	p_p	kPa	95,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

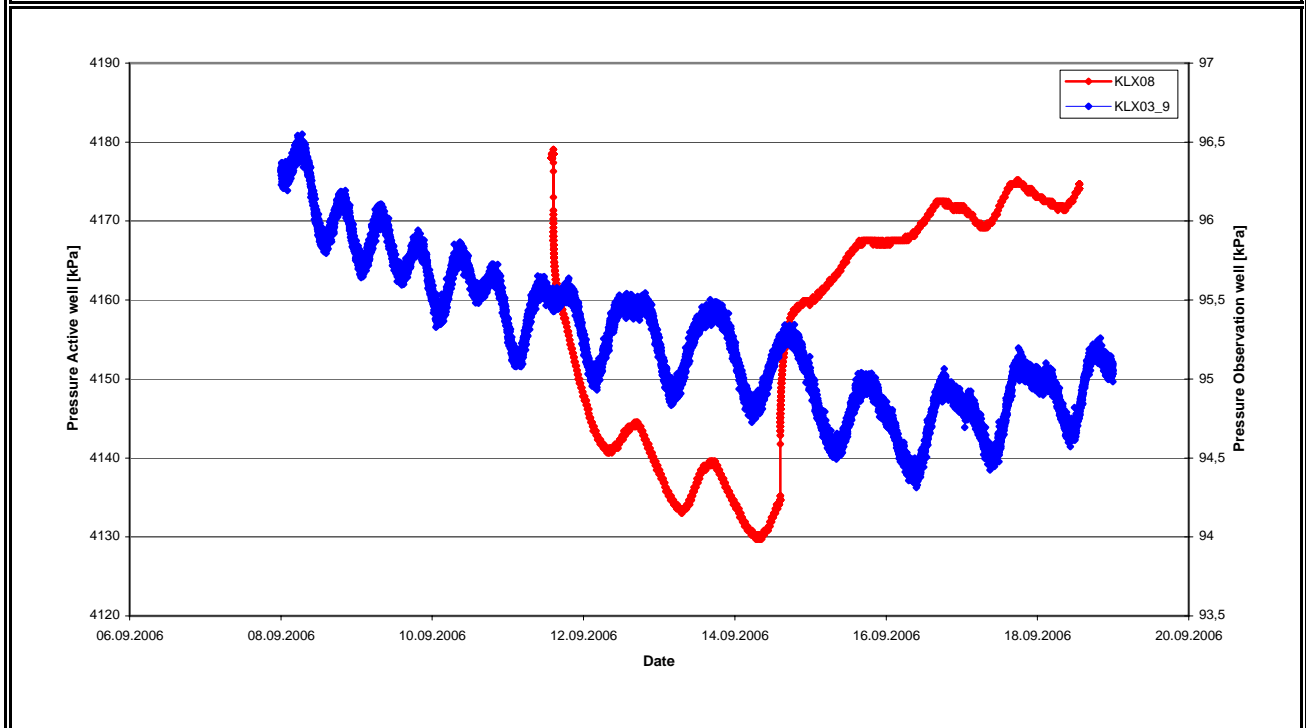
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX03 Section no.: KLX03_X
 Section length: 100.05-192.00
 Distance r_s [m]: 925,70 max. Drawdown s_p [m]:* 0,05
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,1
Pressure in test section before stop of flowing:	p_p	kPa	93,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,5

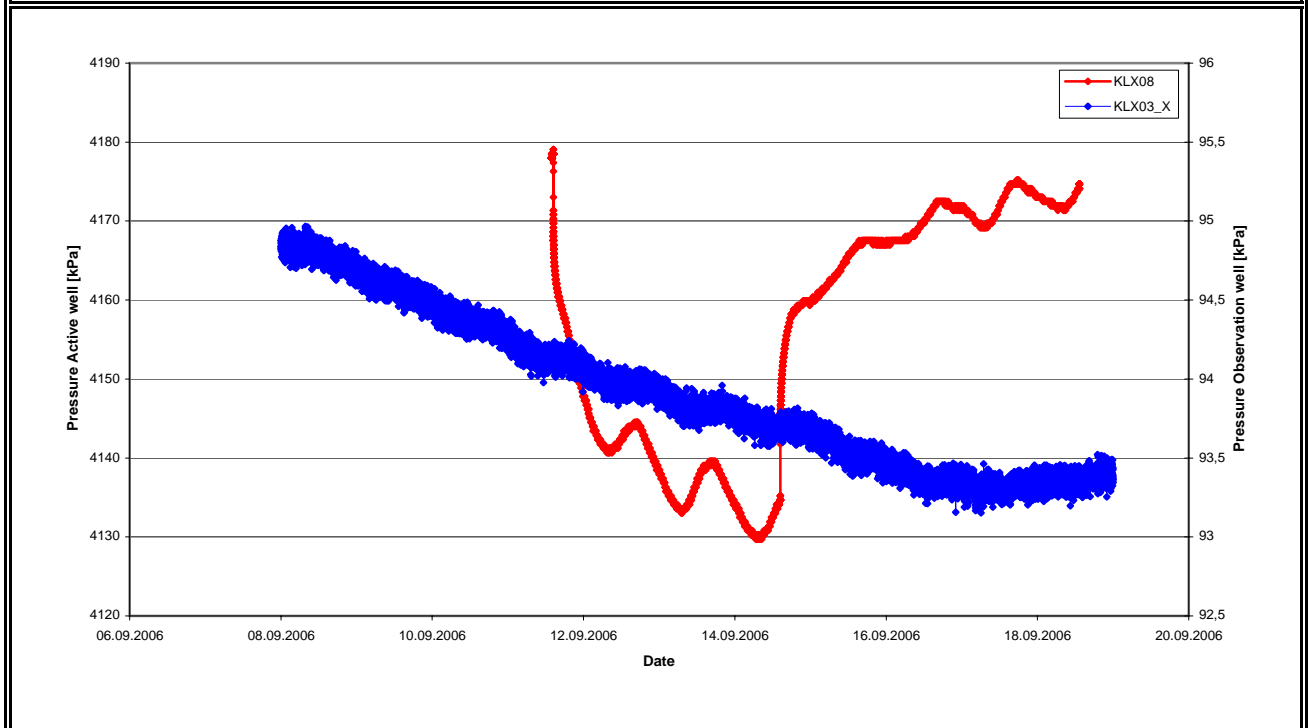
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX04 Section no.: KLX04_1
 Section length: 898.00-1000.00
 Distance r_s [m]: 658,20 max. Drawdown s_p [m]:* 0,02
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	94,2
Pressure in test section before stop of flowing:	p_p	kPa	94,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

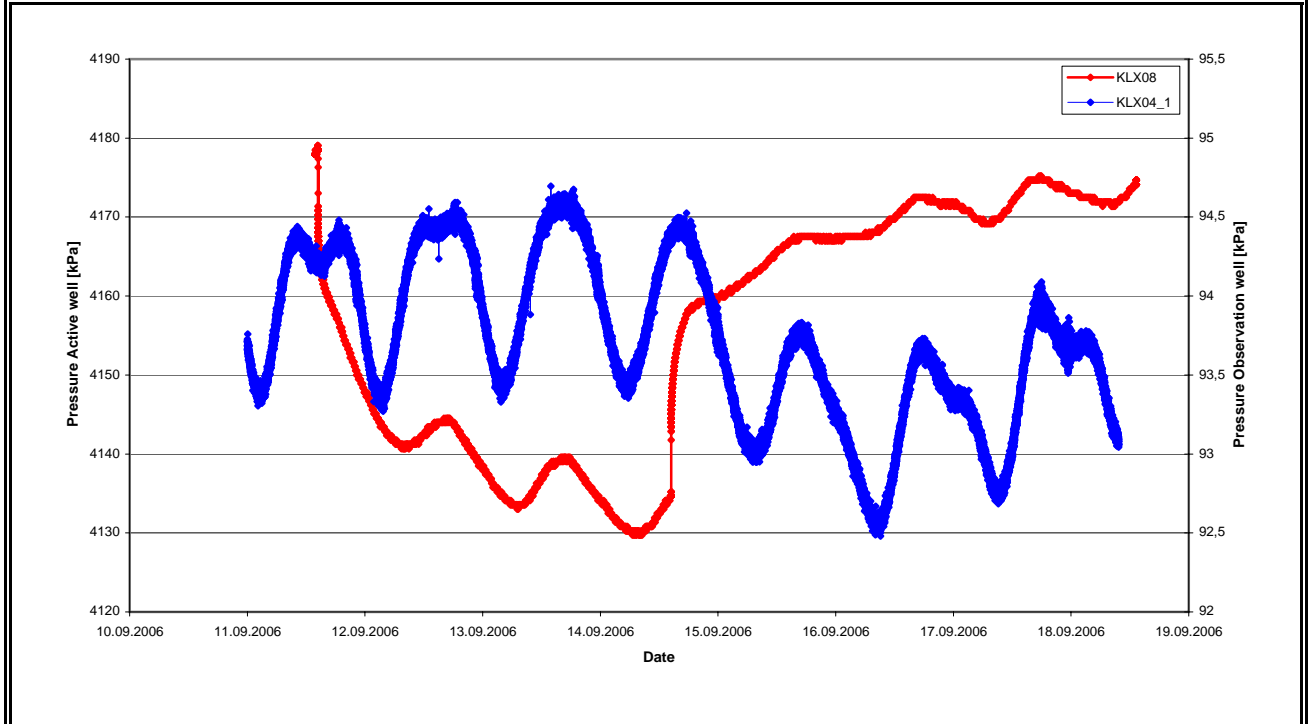
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	KLX04	Section no.:	KLX04_2
		Section length:	870.00-897.00
Distance r_s [m]:	597,50	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	76,4
Pressure in test section before stop of flowing:	p_p	kPa	76,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,1
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV	
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX04	Section no.:	KLX04_3
		Section length:	686.00.869.00
Distance r_s [m]:	501,60	max. Drawdown s_p [m]:*	0,37
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	97,6
Pressure in test section before stop of flowing:	p_p	kPa	94,0
Maximum pressure change during flowing period:*	dp_p	kPa	3,6

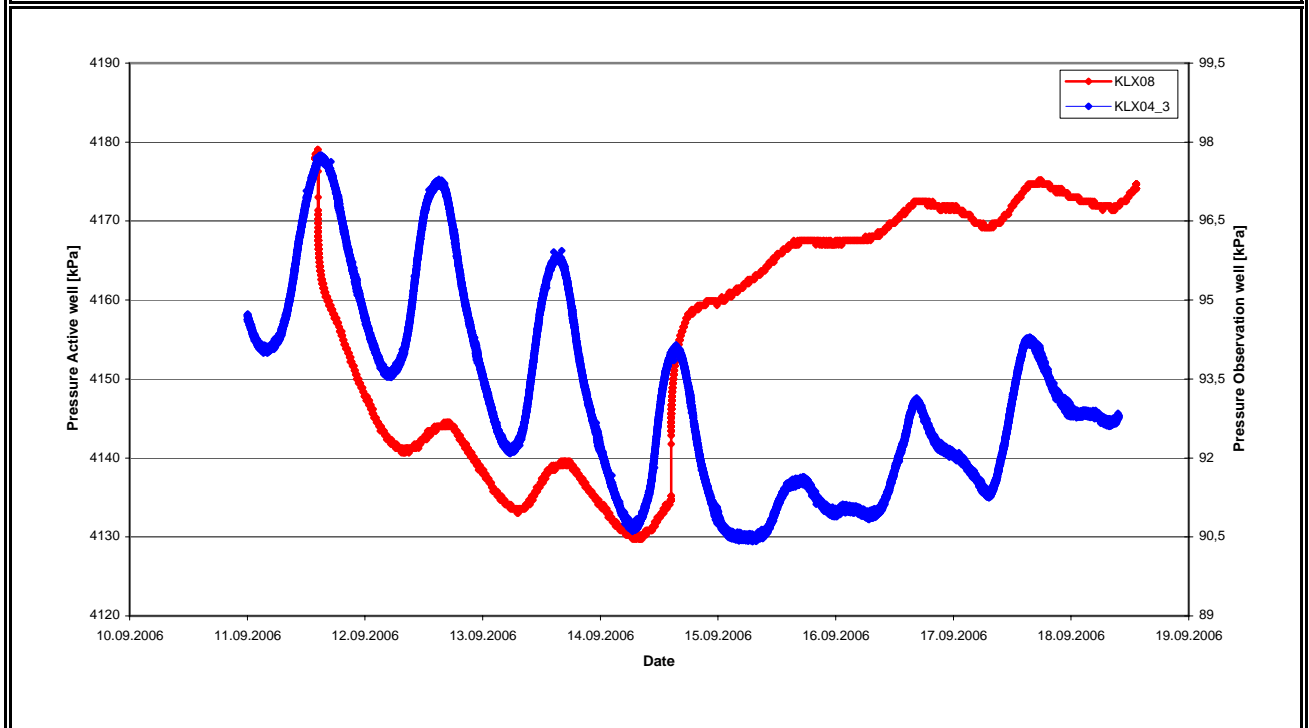
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 716,74

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 4456,57

* see comment

Comment: no clear response due to pumping in source
pressure changes mainly caused by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX04 Section no.: KLX04_4
 Section length: 531.00-685.00
 Distance r_s [m]: 360,10 max. Drawdown s_p [m]:* 1,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	91,9
Pressure in test section before stop of flowing:	p_p	kPa	81,7
Maximum pressure change during flowing period:*	dp_p	kPa	10,2

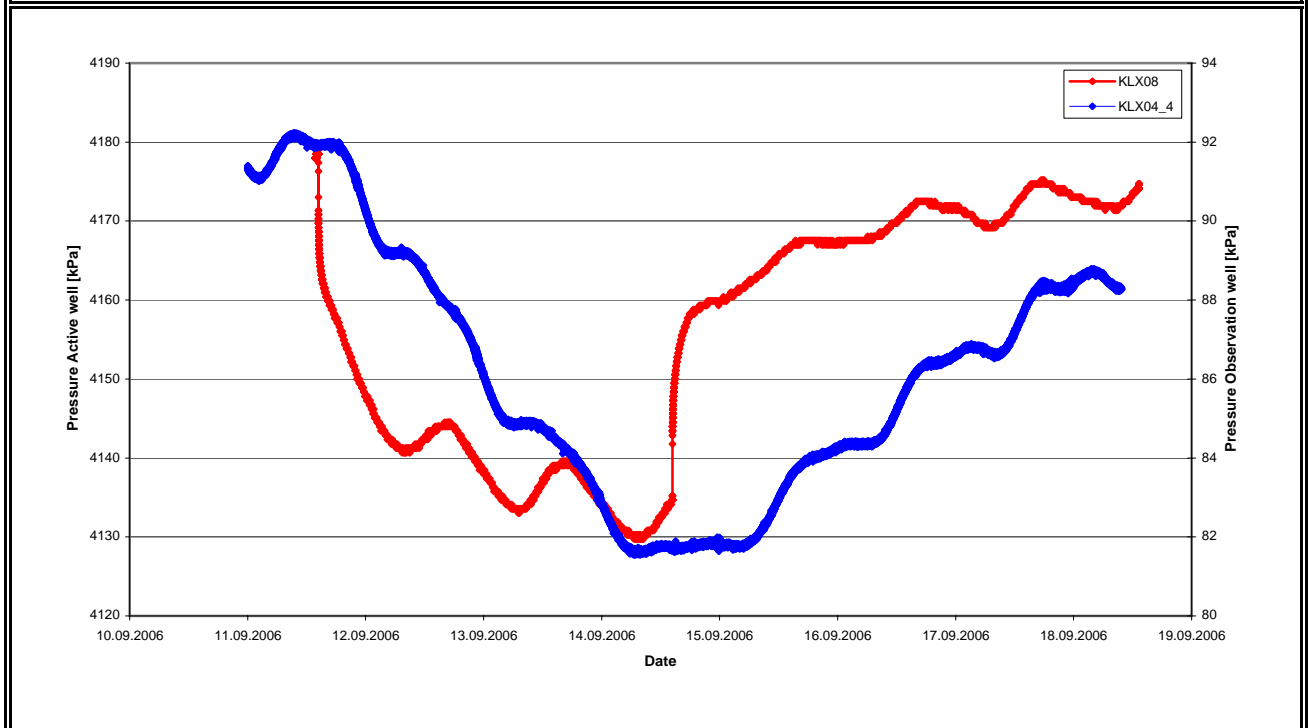
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 2030,77

$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): 11953,9

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX04	Section no.:	KLX04_5
		Section length:	507.00-530.00
Distance r_s [m]:	298,00	max. Drawdown s_p [m]:*	1,56
Response time dt_L [s]:	607		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,0
Pressure in test section before stop of flowing:	p_p	kPa	69,7
Maximum pressure change during flowing period:*	dp_p	kPa	15,3

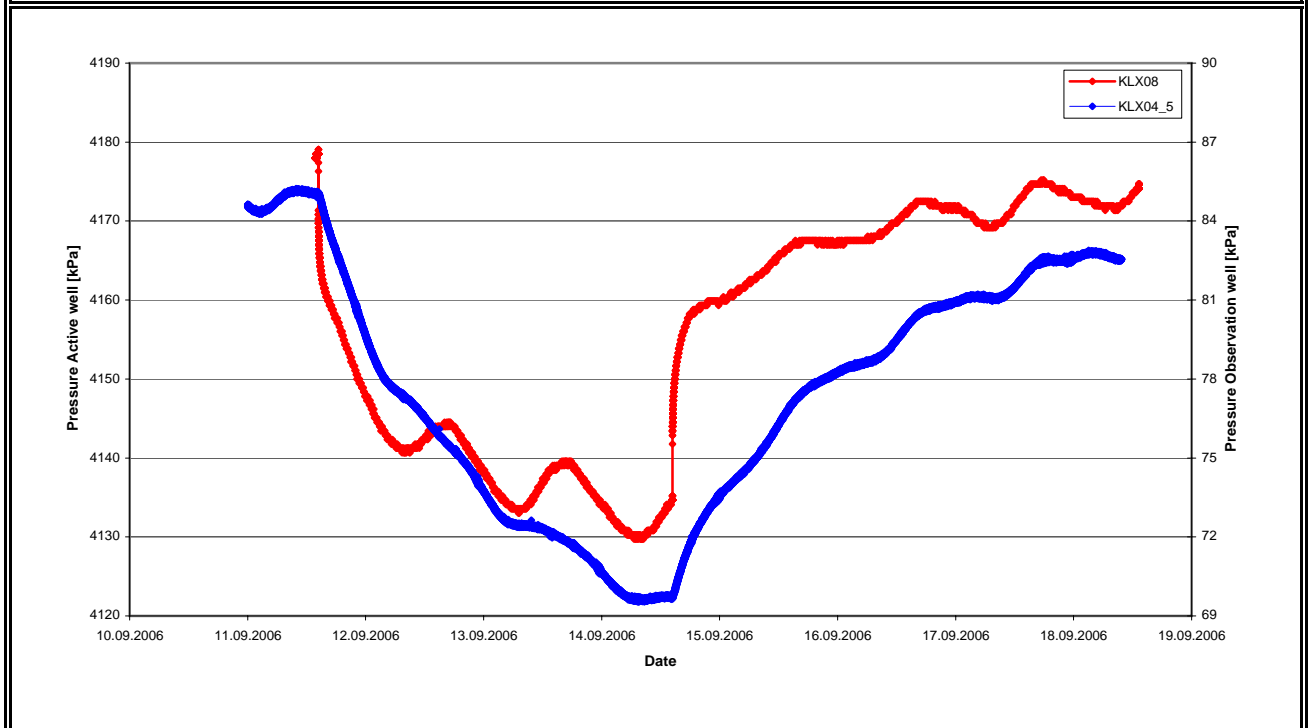
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): **146,30**

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): **3046,16**

$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): **17354,2**

* see comment

Comment: clear response due to pumping in source



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX04 Section no.: KLX04_6
 Section length: 231.00-506.00
 Distance r_s [m]: 236,70 max. Drawdown s_p [m]:* 1,10
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	91,3
Pressure in test section before stop of flowing:	p_p	kPa	80,5
Maximum pressure change during flowing period:*	dp_p	kPa	10,8

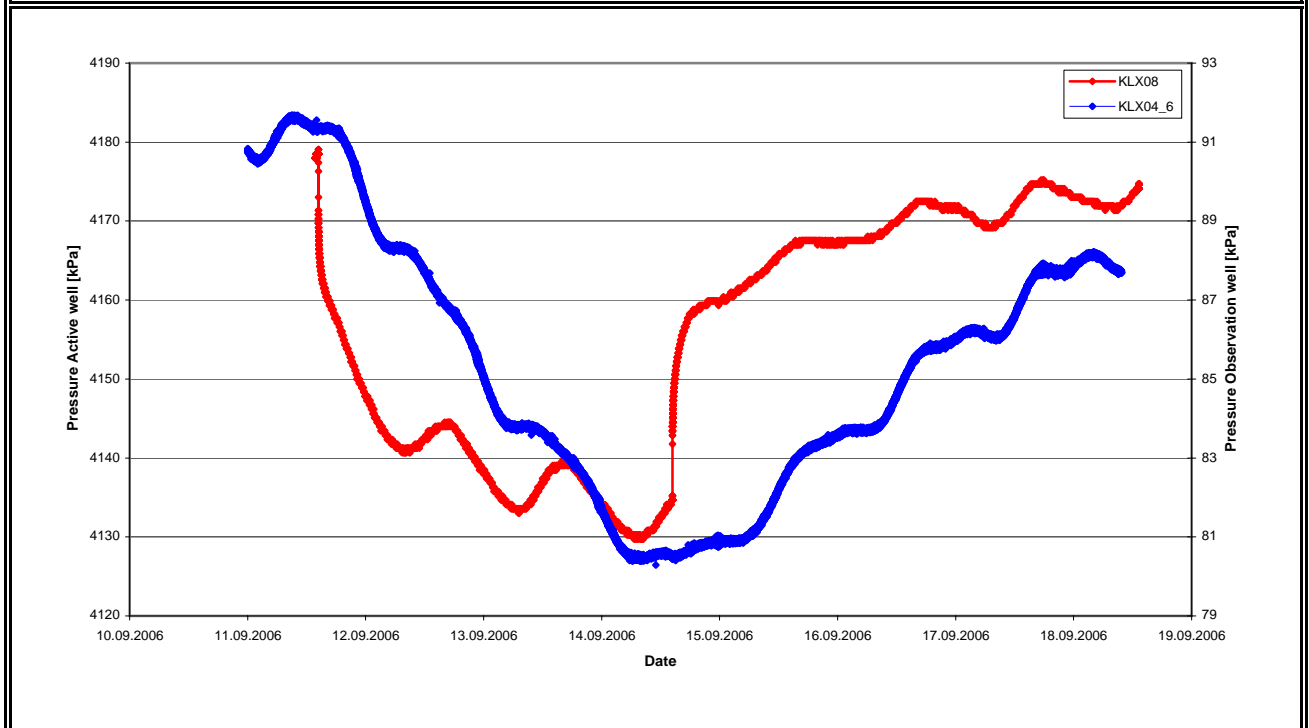
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 2150,23

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 11754,9

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX04 Section no.: KLX04_7
 Section length: 163.00-230.00
 Distance r_s [m]: 271,80 max. Drawdown s_p [m]:* 0,98
 Response time dt_L [s]: 4747

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	85,0
Pressure in test section before stop of flowing:	p_p	kPa	75,4
Maximum pressure change during flowing period:*	dp_p	kPa	9,6

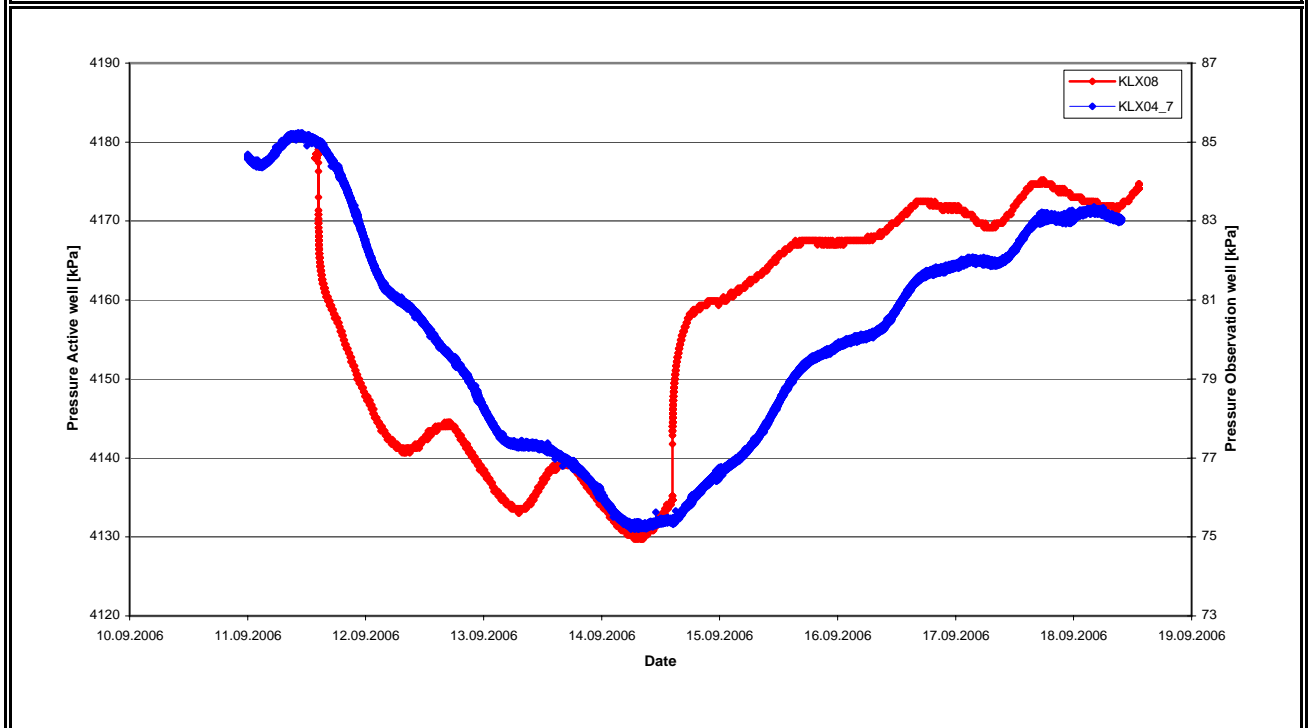
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): **15,56**

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): **1911,31**

$(s_p/Q_p) \cdot \ln(r_s/r_0)$ (s/m²): **10713,0**

* see comment

Comment: clear response due to pumping in source



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX04 Section no.: KLX04_8
 Section length: 12.24-162.00
 Distance r_s [m]: 339,70 max. Drawdown s_p [m]:* 0,60
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	95,7
Pressure in test section before stop of flowing:	p_p	kPa	89,8
Maximum pressure change during flowing period:*	dp_p	kPa	5,9

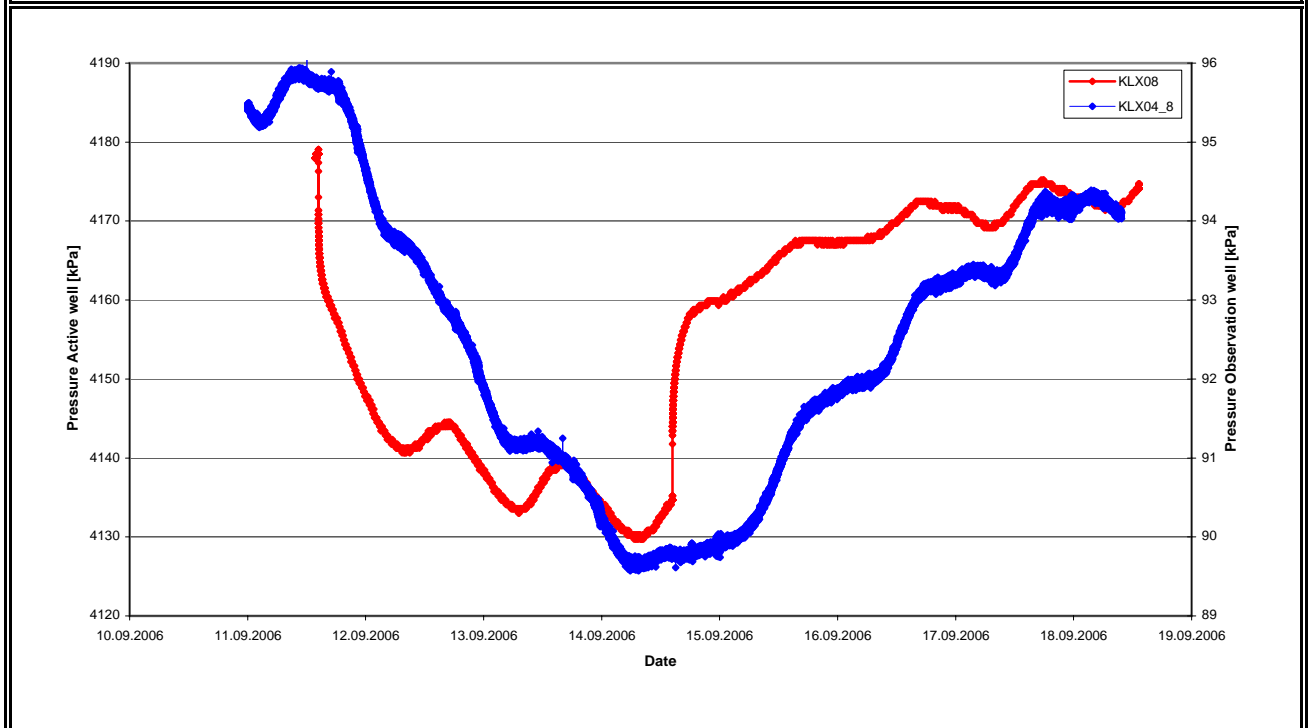
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 1174,66

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 6846,0

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX06	Section no.:	KLX06_1
		Section length:	761.00-1000.00
Distance r_s [m]:	1421,90	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	87,0
Pressure in test section before stop of flowing:	p_p	kPa	87,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

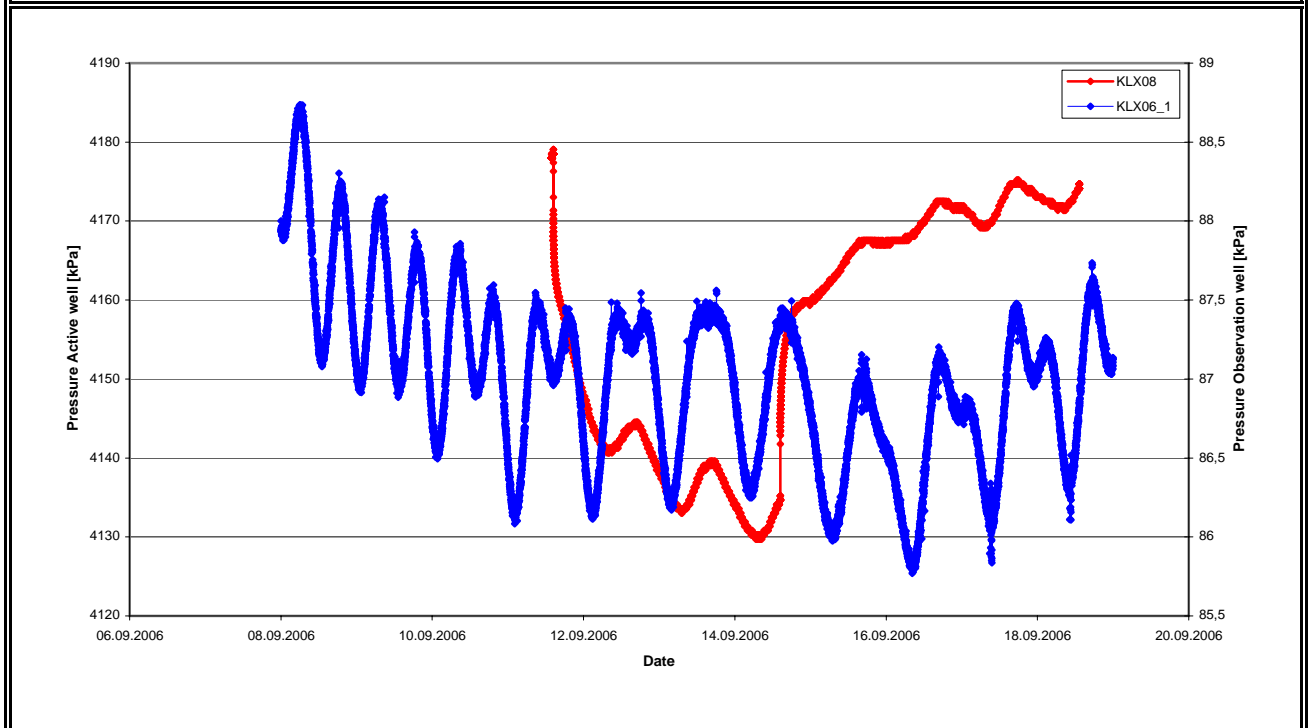
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX06 Section no.: KLX06_2
 Section length: 571.00-760.00
 Distance r_s [m]: 1261,80 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	59,0
Pressure in test section before stop of flowing:	p_p	kPa	59,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

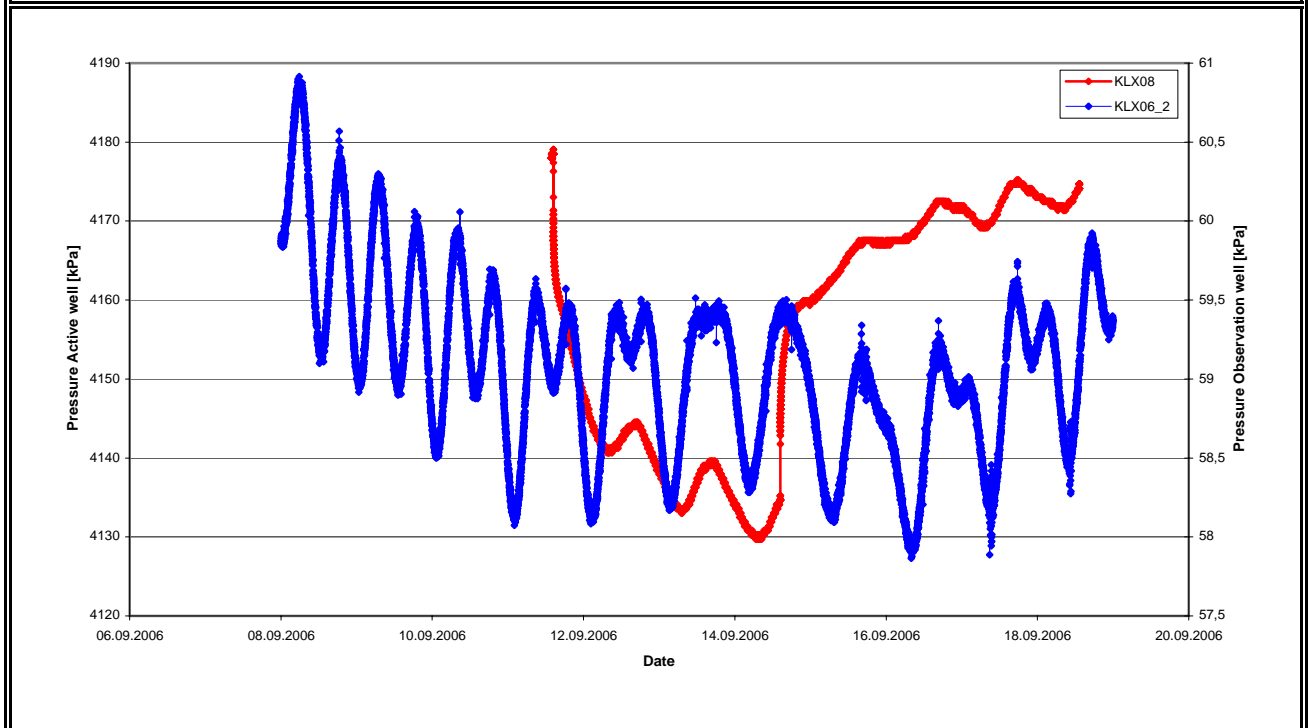
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX06	Section no.:	KLX06_3
		Section length:	554.00-570.00
Distance r_s [m]:	1224,80	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	54,5
Pressure in test section before stop of flowing:	p_p	kPa	54,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

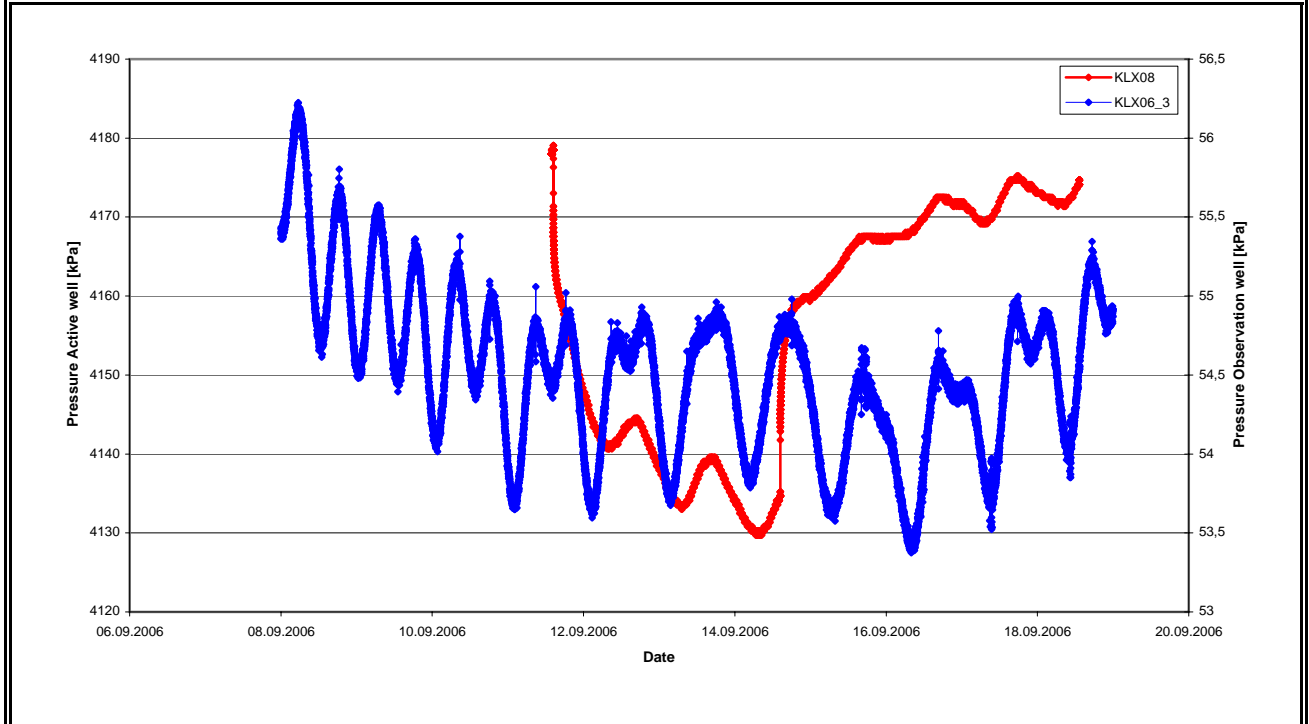
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX06 Section no.: KLX06_4
 Section length: 411.00-553.00
 Distance r_s [m]: 1190,80 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	54,3
Pressure in test section before stop of flowing:	p_p	kPa	54,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

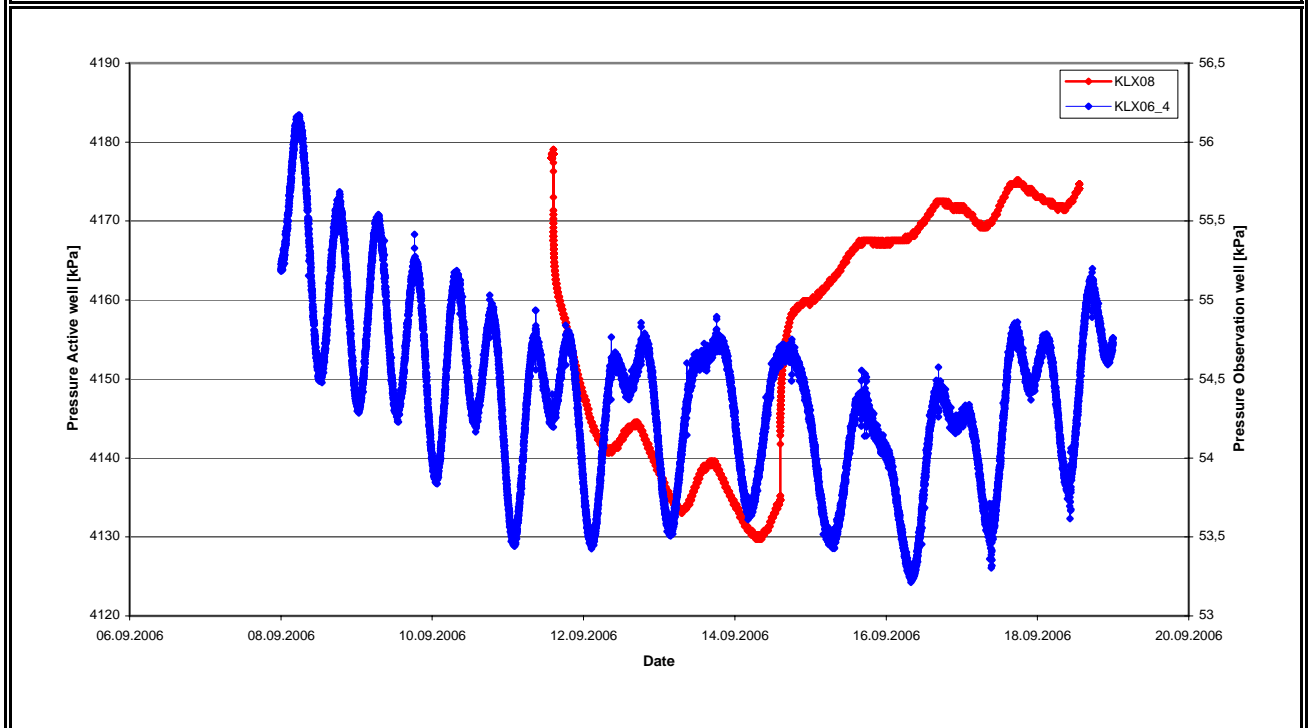
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX06	Section no.:	KLX06_5
		Section length:	276.00-410.00
Distance r_s [m]:	1120,00	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,7
Pressure in test section before stop of flowing:	p_p	kPa	113,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

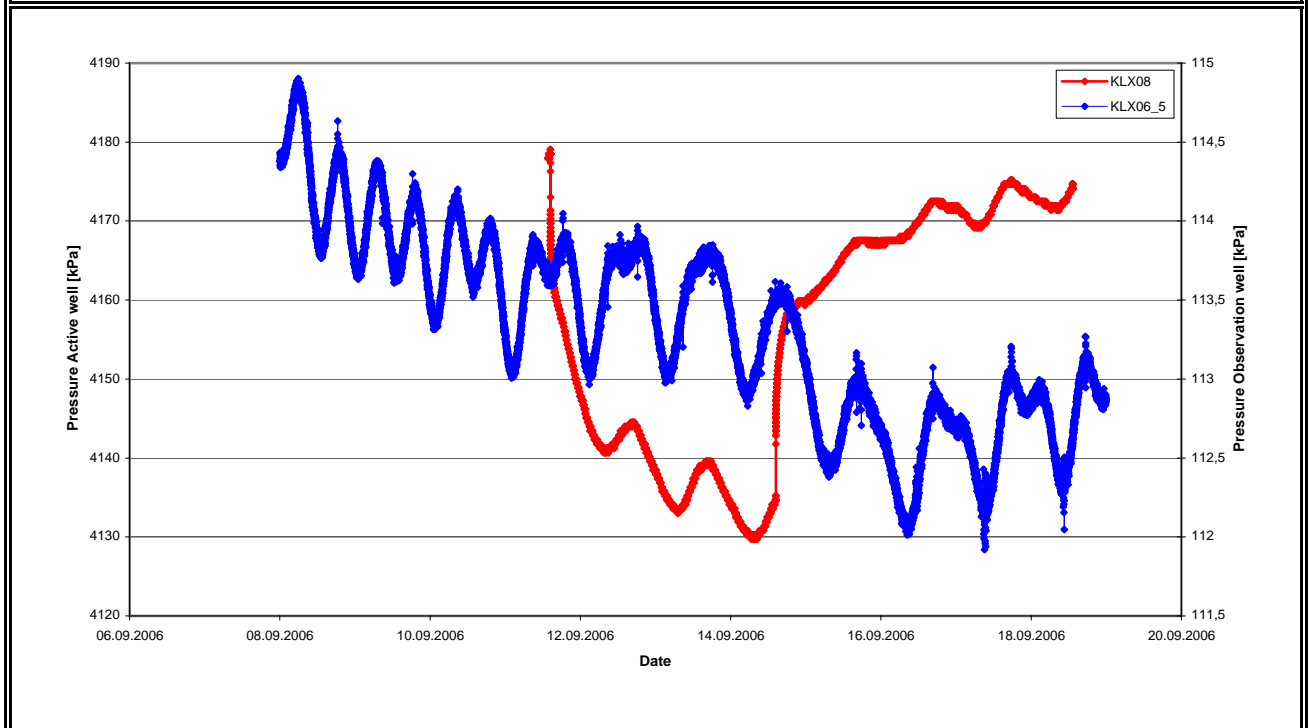
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX06	Section no.:	KLX06_6
		Section length:	256.00-275.00
Distance r_s [m]:	1093,90	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,8
Pressure in test section before stop of flowing:	p_p	kPa	113,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,2

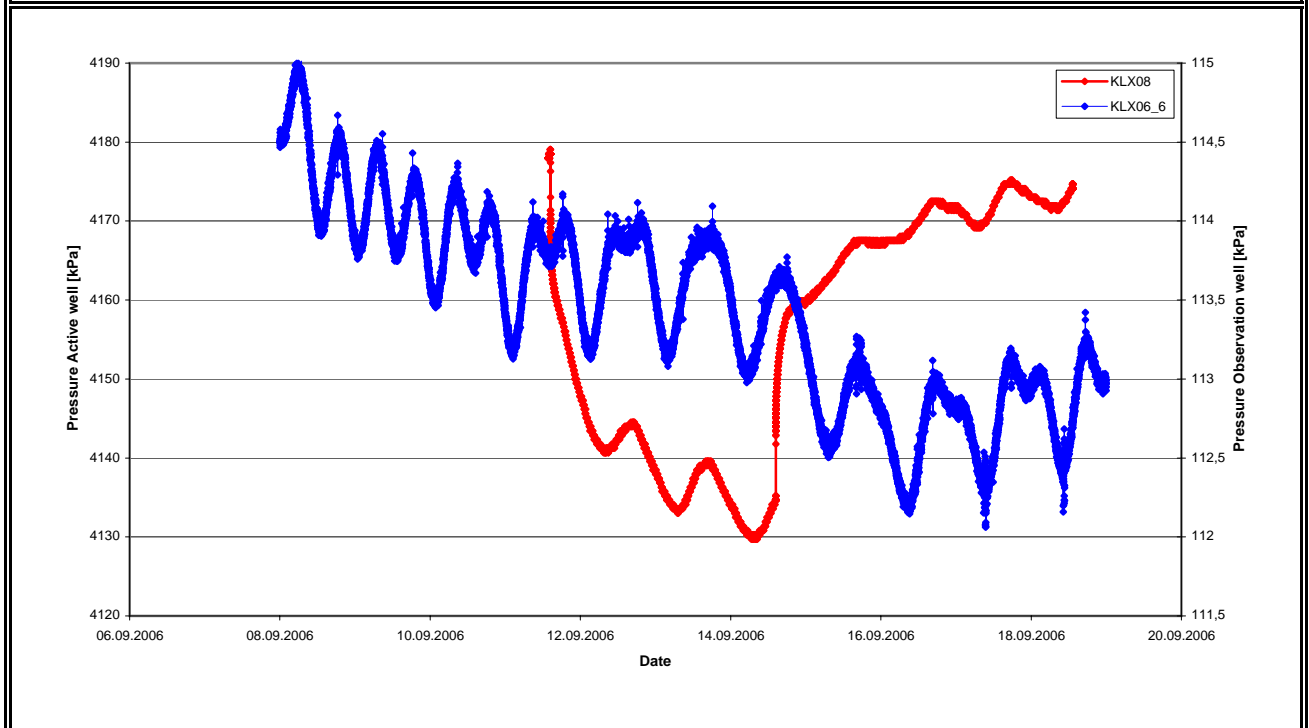
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	KLX06	Section no.:	KLX06_7
		Section length:	146.00-255.00
Distance r_s [m]:	1093,20	max. Drawdown s_p [m]:*	0,02
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	113,7
Pressure in test section before stop of flowing:	p_p	kPa	113,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,2
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV		
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX06	Section no.:	KLX06_8
		Section length:	11.88-145.00
Distance r_s [m]:	1084,50	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	110,0
Pressure in test section before stop of flowing:	p_p	kPa	109,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

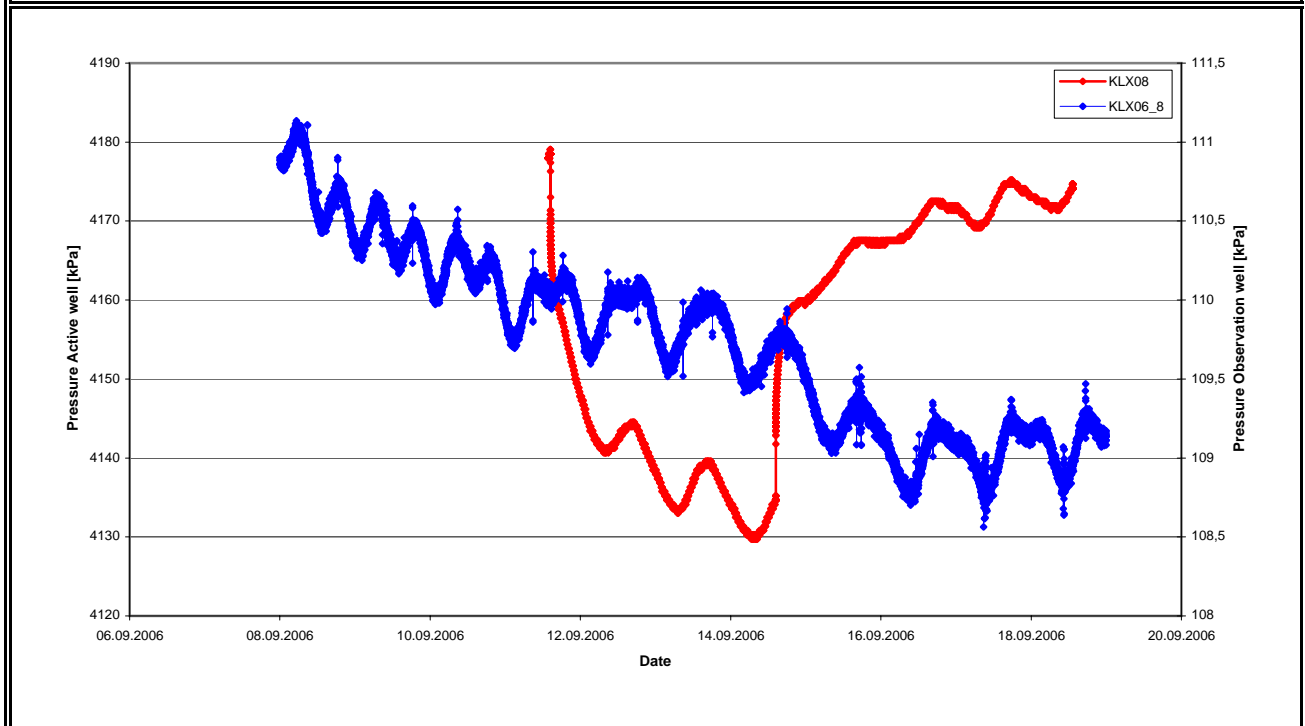
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX07	Section no.:	KLX07A_1
		Section length:	781.00-844.73
Distance r_s [m]:	1373,00	max. Drawdown s_p [m]:*	0,04
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	35,2
Pressure in test section before stop of flowing:	p_p	kPa	35,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

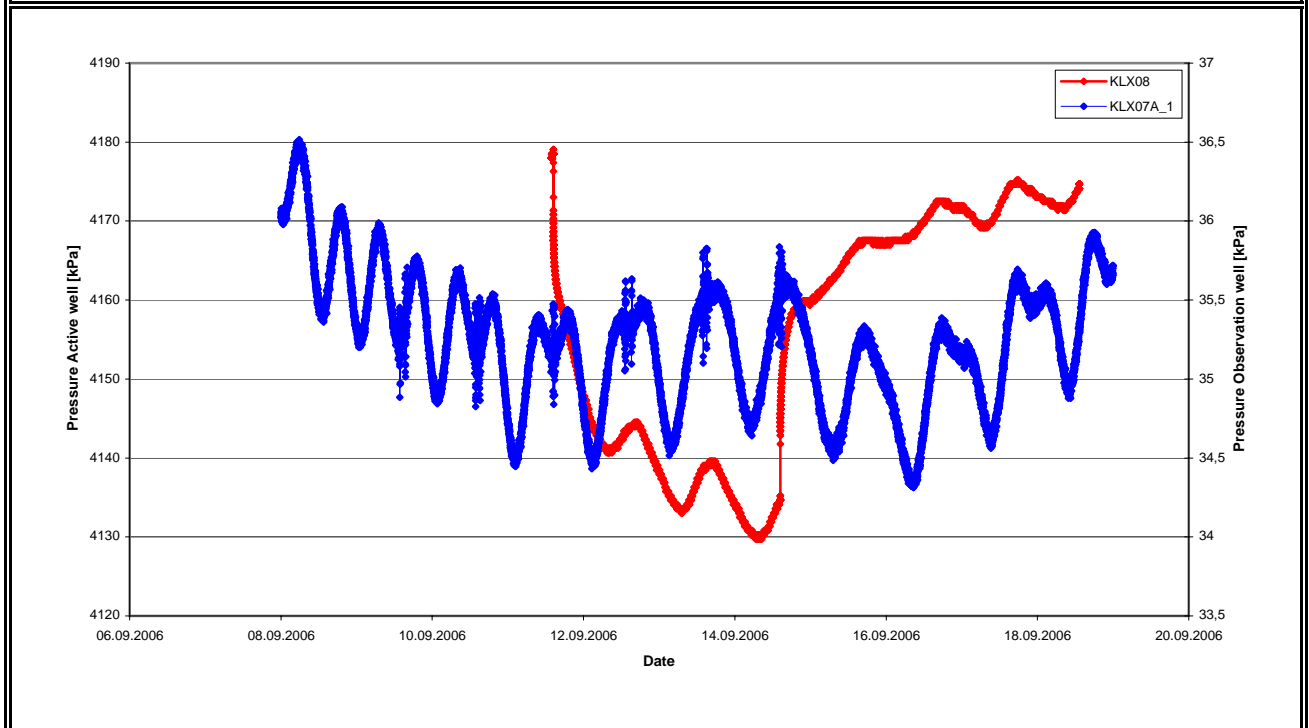
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX07 Section no.: KLX07A_2
 Section length: 753.00-780.00
 Distance r_s [m]: 1345,40 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	32,3
Pressure in test section before stop of flowing:	p_p	kPa	32,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

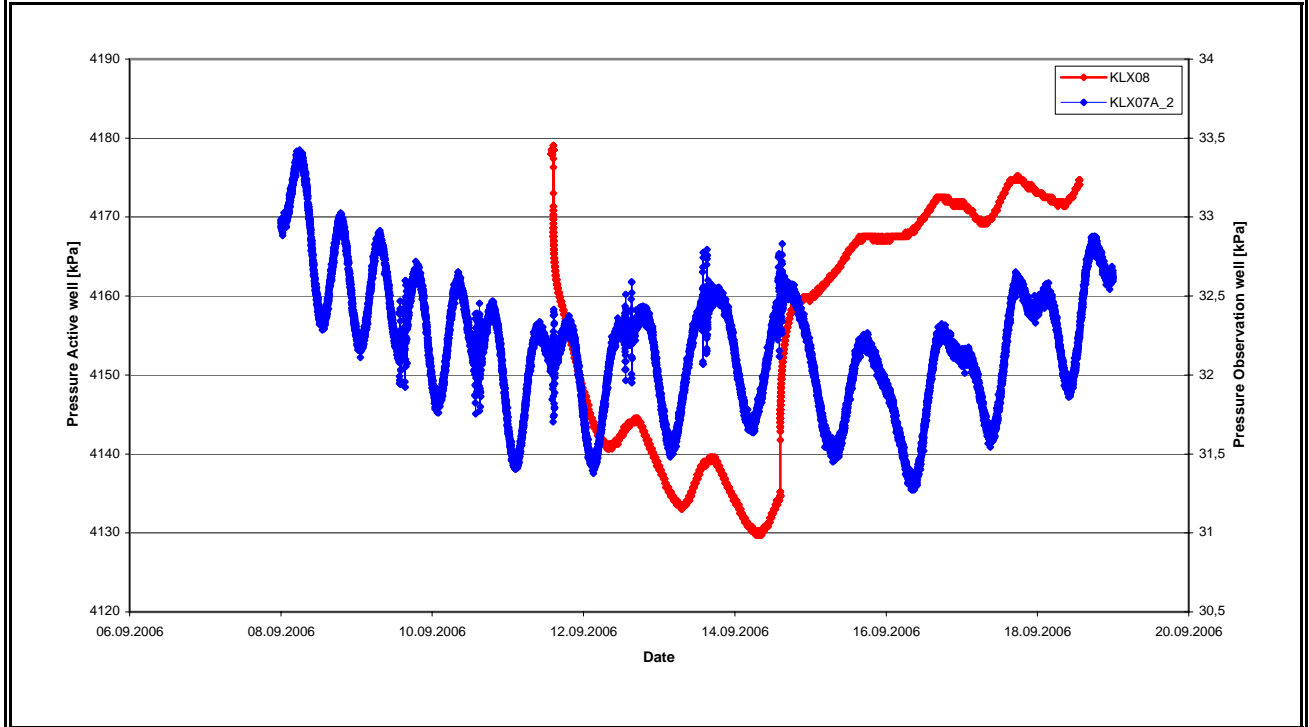
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX07 Section no.: KLX07A_3
 Section length: 612.00-752.00
 Distance r_s [m]: 1289,90 max. Drawdown s_p [m]:* 0,06
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	33,6
Pressure in test section before stop of flowing:	p_p	kPa	34,2
Maximum pressure change during flowing period:*	dp_p	kPa	0,6

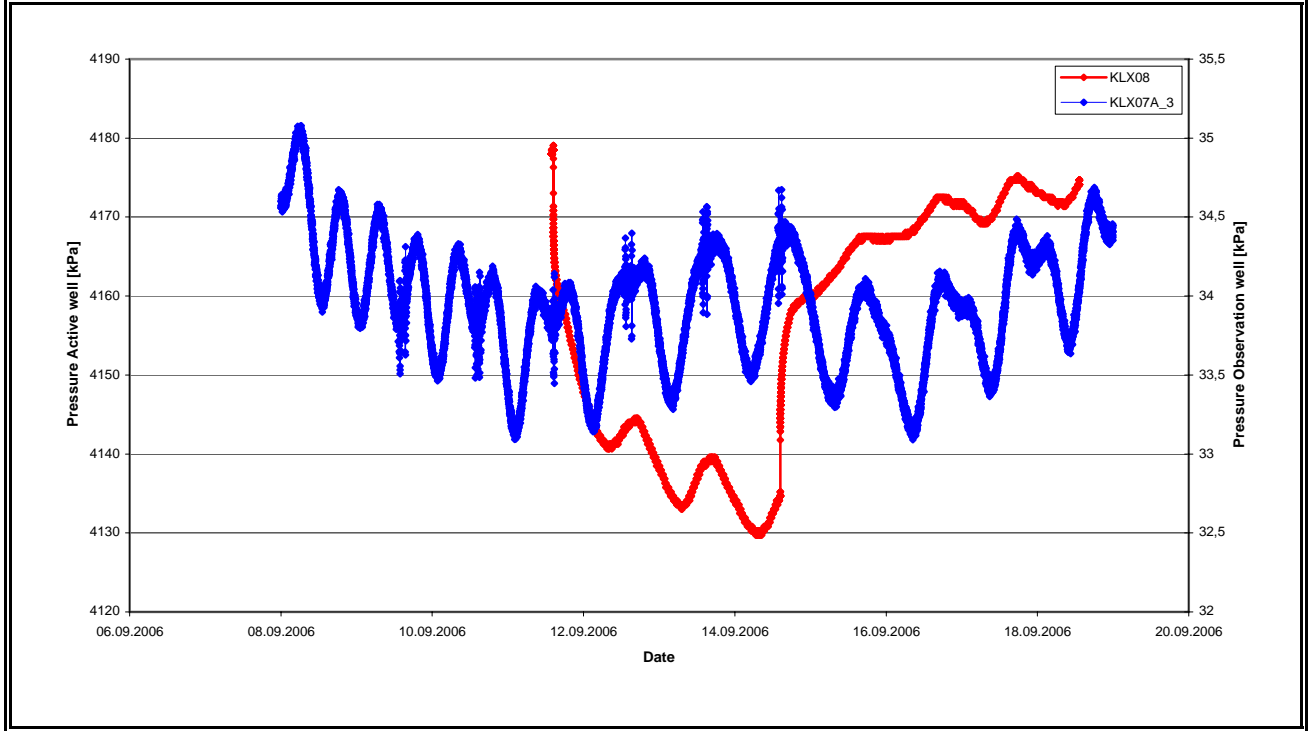
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX07	Section no.:	KLX07A_4
		Section length:	457.00-611.00
Distance r_s [m]:	1237,40	max. Drawdown s_p [m]:*	0,20
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	69,9
Pressure in test section before stop of flowing:	p_p	kPa	71,9
Maximum pressure change during flowing period:*	dp_p	kPa	2,0

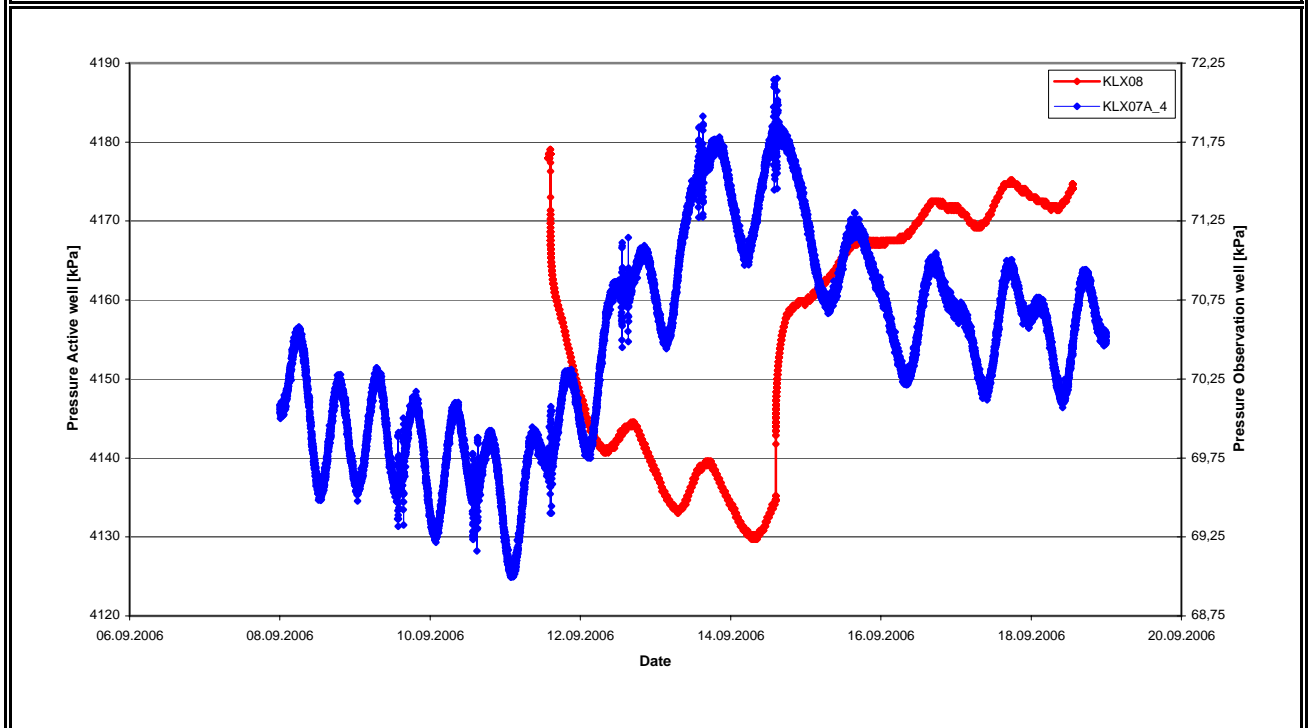
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX07	Section no.:	KLX07A_5
		Section length:	333.00-456.00
Distance r_s [m]:	1211,00	max. Drawdown s_p [m]:*	0,19
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	73,9
Pressure in test section before stop of flowing:	p_p	kPa	75,8
Maximum pressure change during flowing period:*	dp_p	kPa	1,9

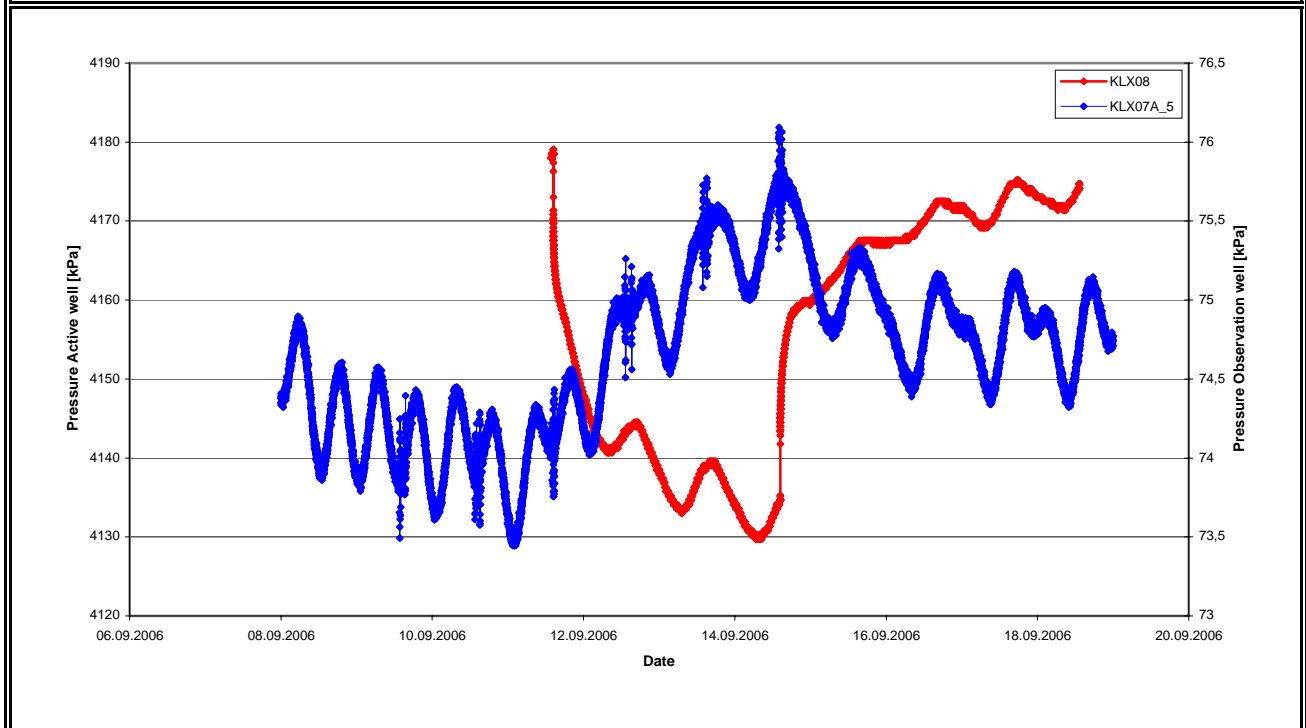
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX07 Section no.: KLX07A_6
 Section length: 204.00-333.00
 Distance r_s [m]: 188,10 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	82,3
Pressure in test section before stop of flowing:	p_p	kPa	82,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

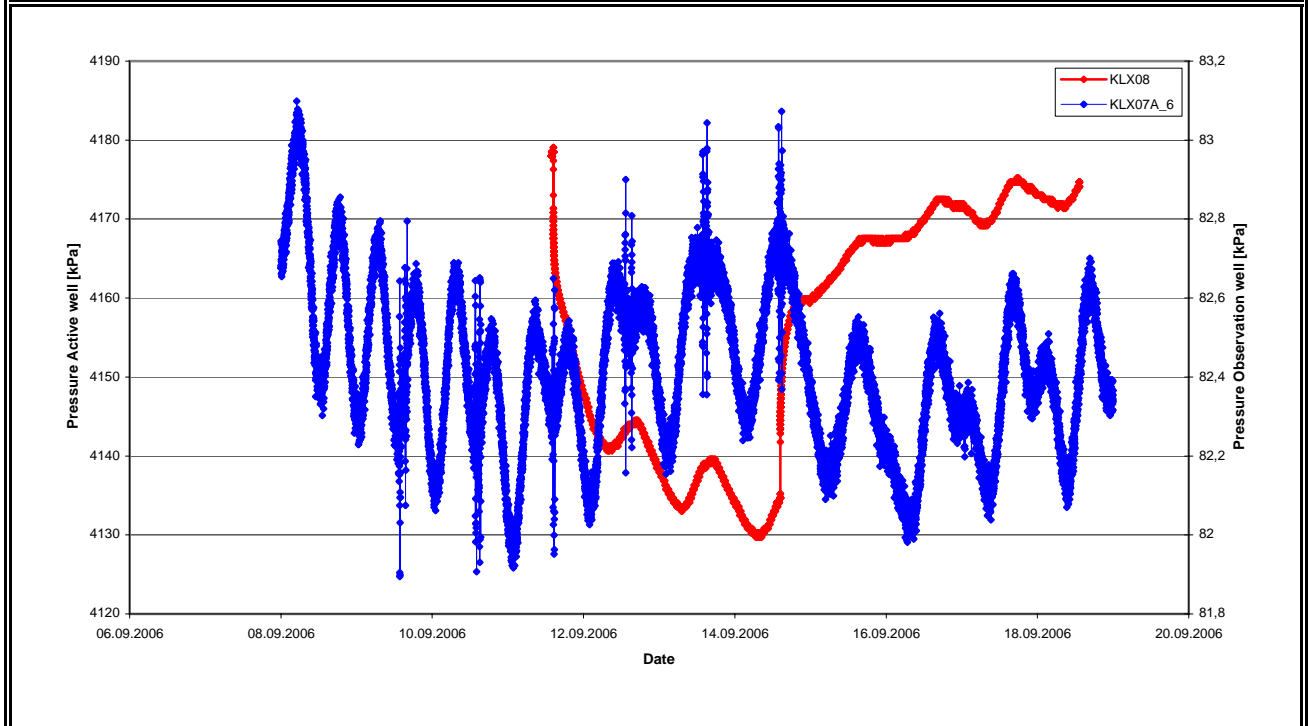
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX07 Section no.: KLX07A_7
 Section length: 104.00-203.00
 Distance r_s [m]: 1177,80 max. Drawdown s_p [m]:* 0,03
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	84,8
Pressure in test section before stop of flowing:	p_p	kPa	85,1
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

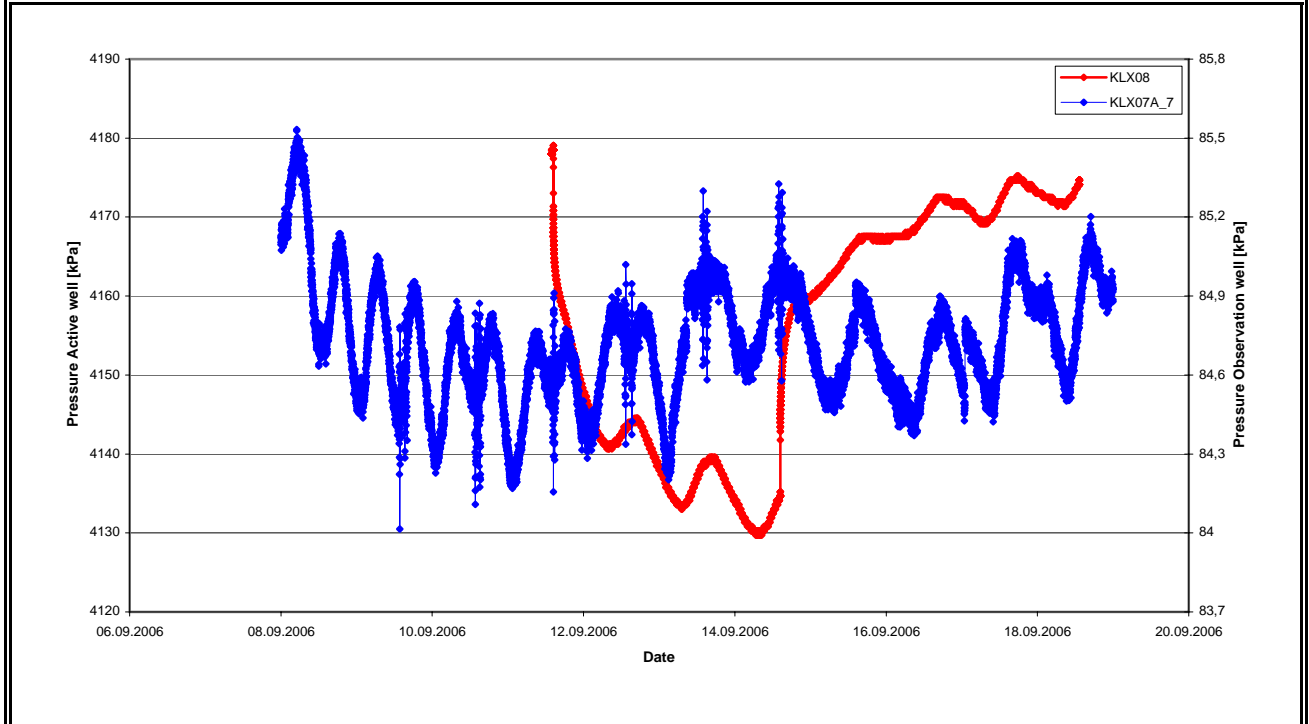
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX07 Section no.: KLX07A_8
 Section length: 102.00-103.00
 Distance r_s [m]: 1173,60 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	91,2
Pressure in test section before stop of flowing:	p_p	kPa	91,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

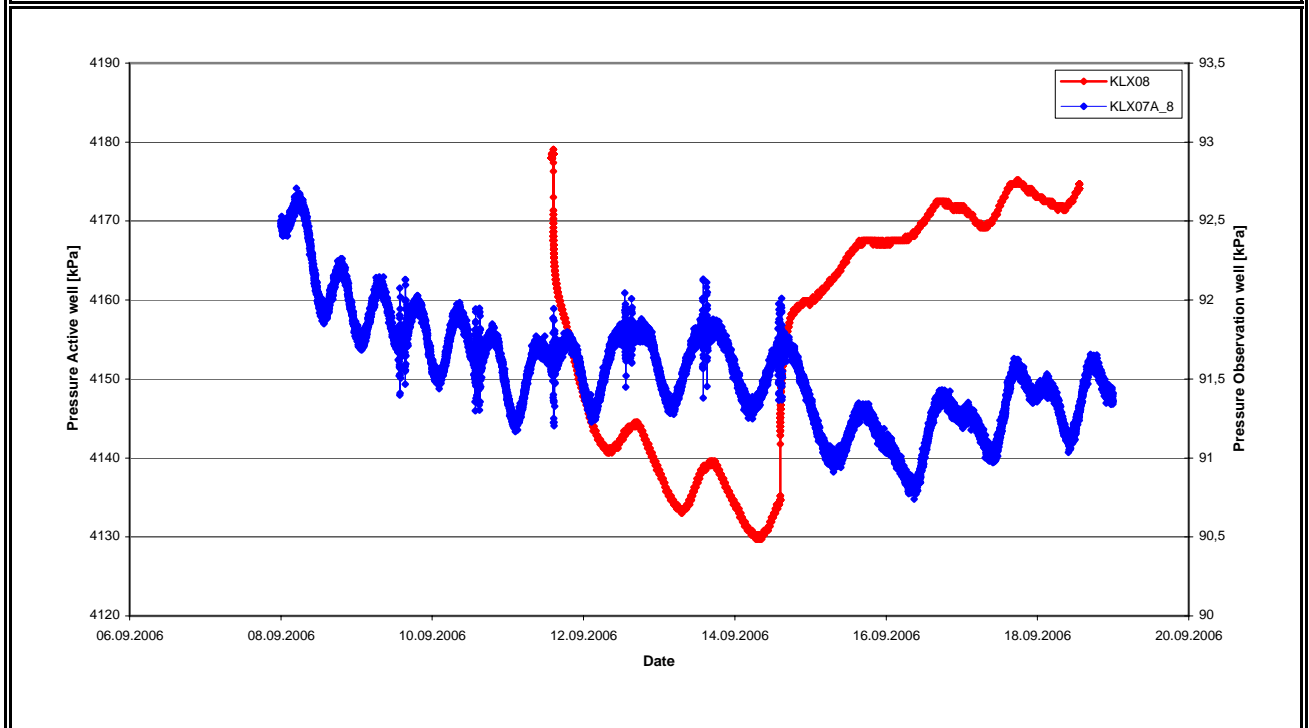
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX07 Section no.: KLX07B_1
 Section length: 95.00-200.00
 Distance r_s [m]: 1151,40 max. Drawdown s_p [m]:* 0,01
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	87,7
Pressure in test section before stop of flowing:	p_p	kPa	87,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

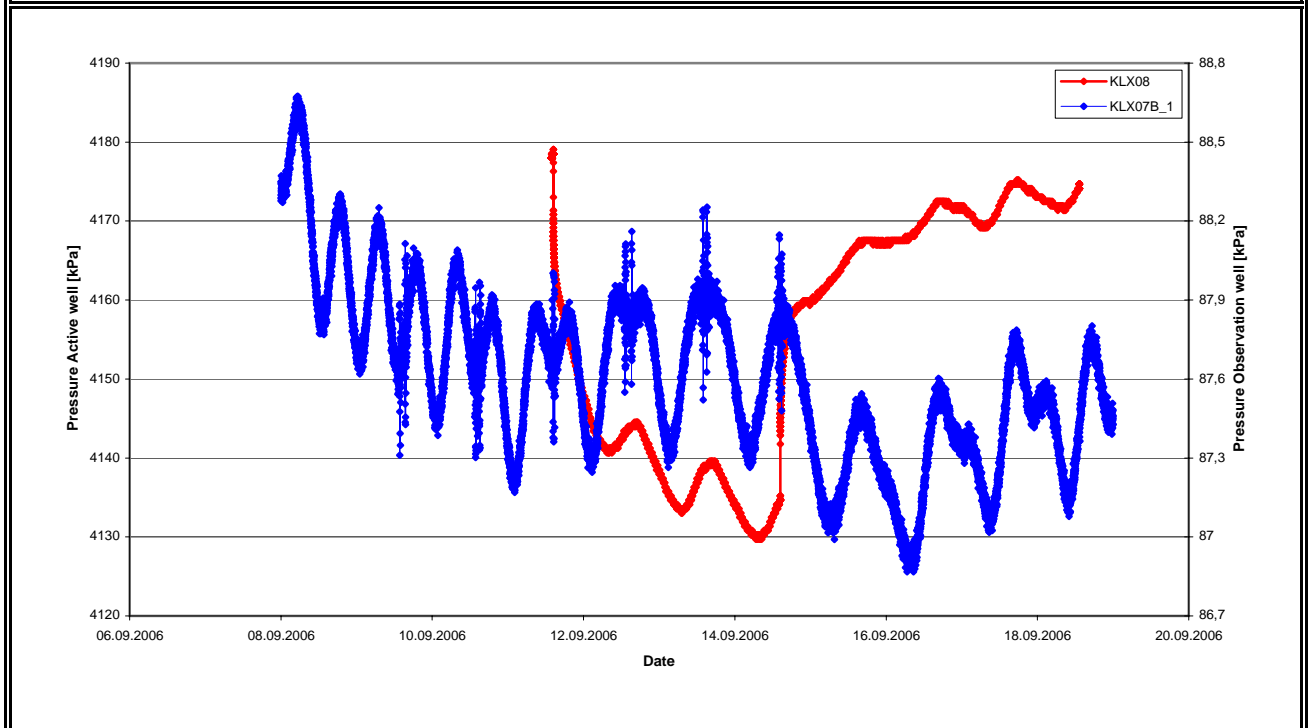
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX07	Section no.:	KLX07B_2
		Section length:	9.64-94.00
Distance r_s [m]:	1163,80	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	90,9
Pressure in test section before stop of flowing:	p_p	kPa	90,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

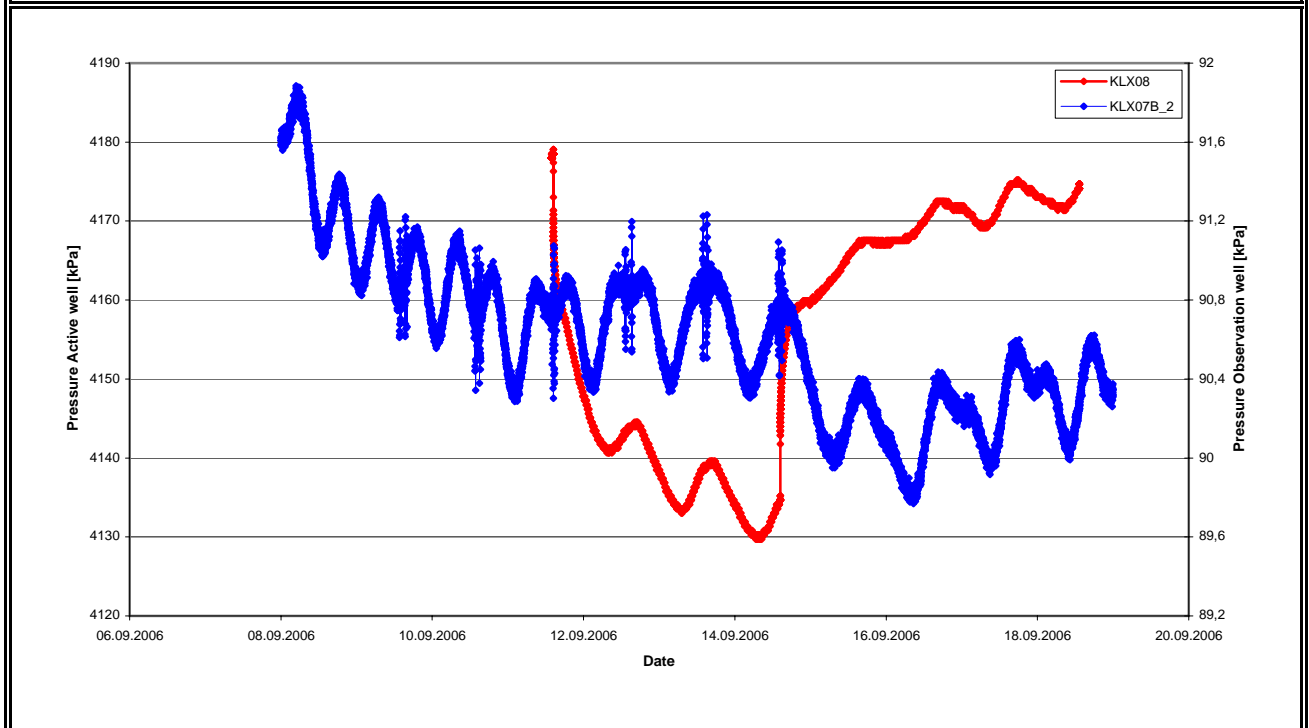
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX10 Section no.: KLX10_1
 Section length: 711.00-1001.00
 Distance r_s [m]: 835,90 max. Drawdown s_p [m]:* 0,04
 Response time dt_L [s]: #NV

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	55,9
Pressure in test section before stop of flowing:	p_p	kPa	56,3
Maximum pressure change during flowing period:*	dp_p	kPa	0,4

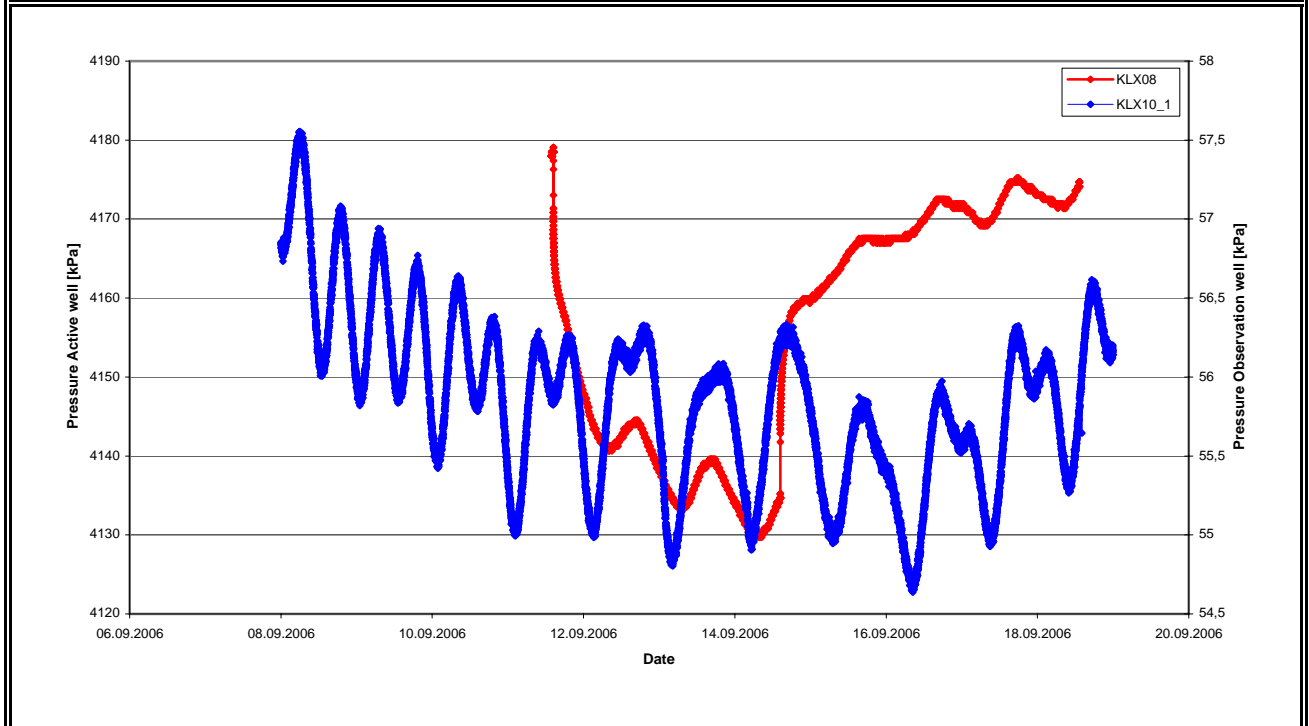
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX10	Section no.:	KLX10_2
		Section length:	689.00-710.00
Distance r_s [m]:	764,40	max. Drawdown s_p [m]:*	0,03
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	55,2
Pressure in test section before stop of flowing:	p_p	kPa	55,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,3

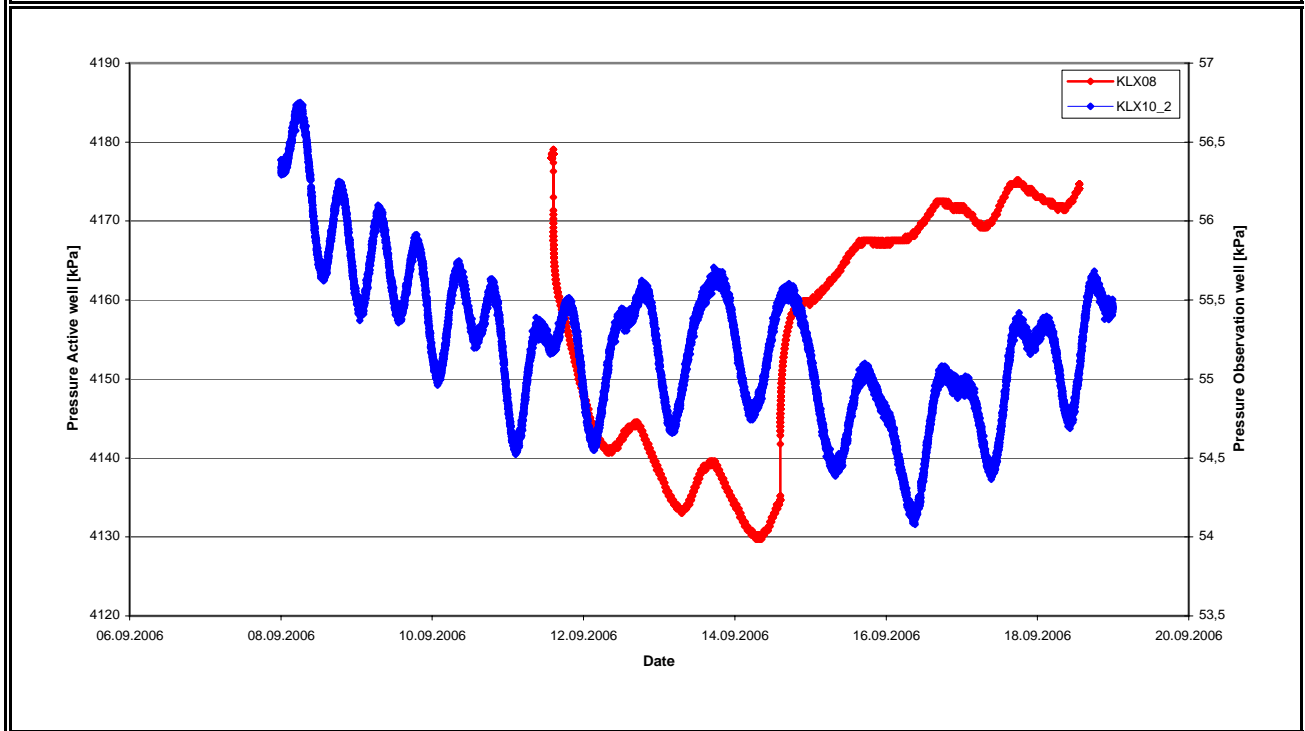
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX10	Section no.:	KLX10_3
		Section length:	465.00-688.00
Distance r_s [m]:	716,50	max. Drawdown s_p [m]:*	0,15
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	86,1
Pressure in test section before stop of flowing:	p_p	kPa	84,6
Maximum pressure change during flowing period:*	dp_p	kPa	1,5

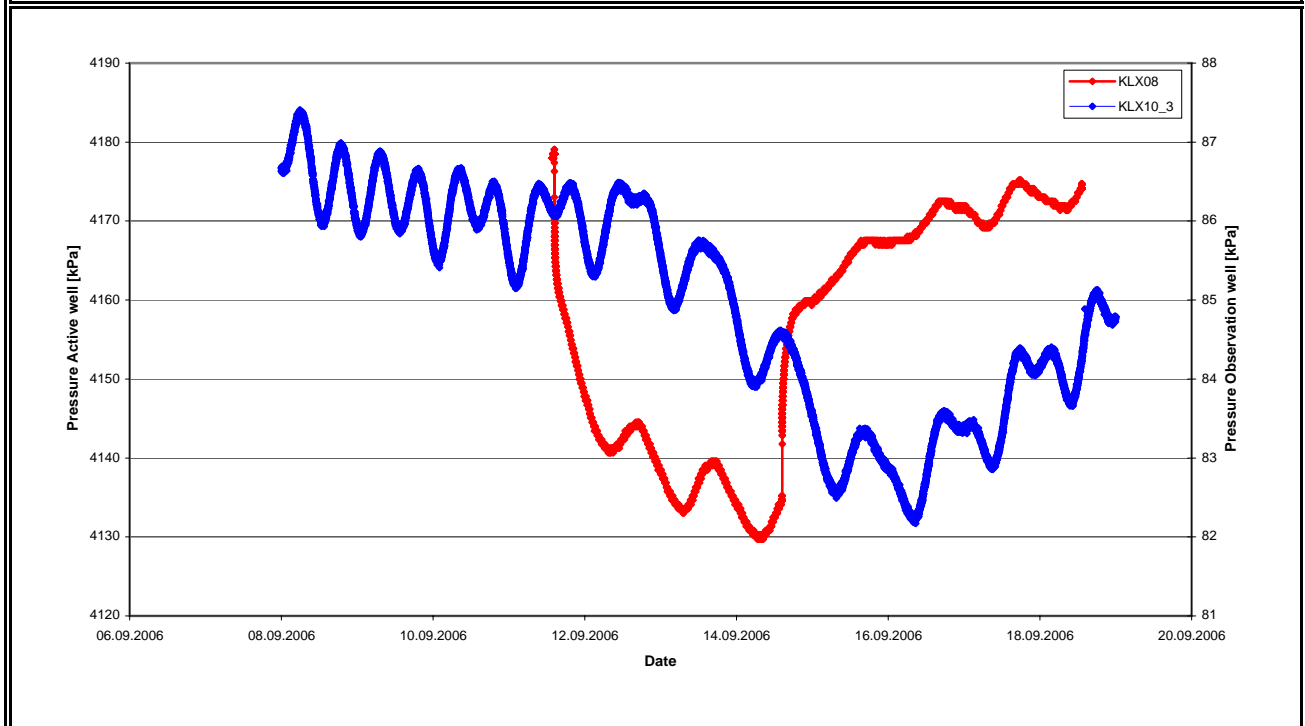
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no clear response due to pumping in source
pressure changes mainly caused by natural fluctuations (e.g. tidal effects)
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX10	Section no.:	KLX10_4
		Section length:	369.00-464.00
Distance r_s [m]:	697,50	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	106,4
Pressure in test section before stop of flowing:	p_p	kPa	106,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

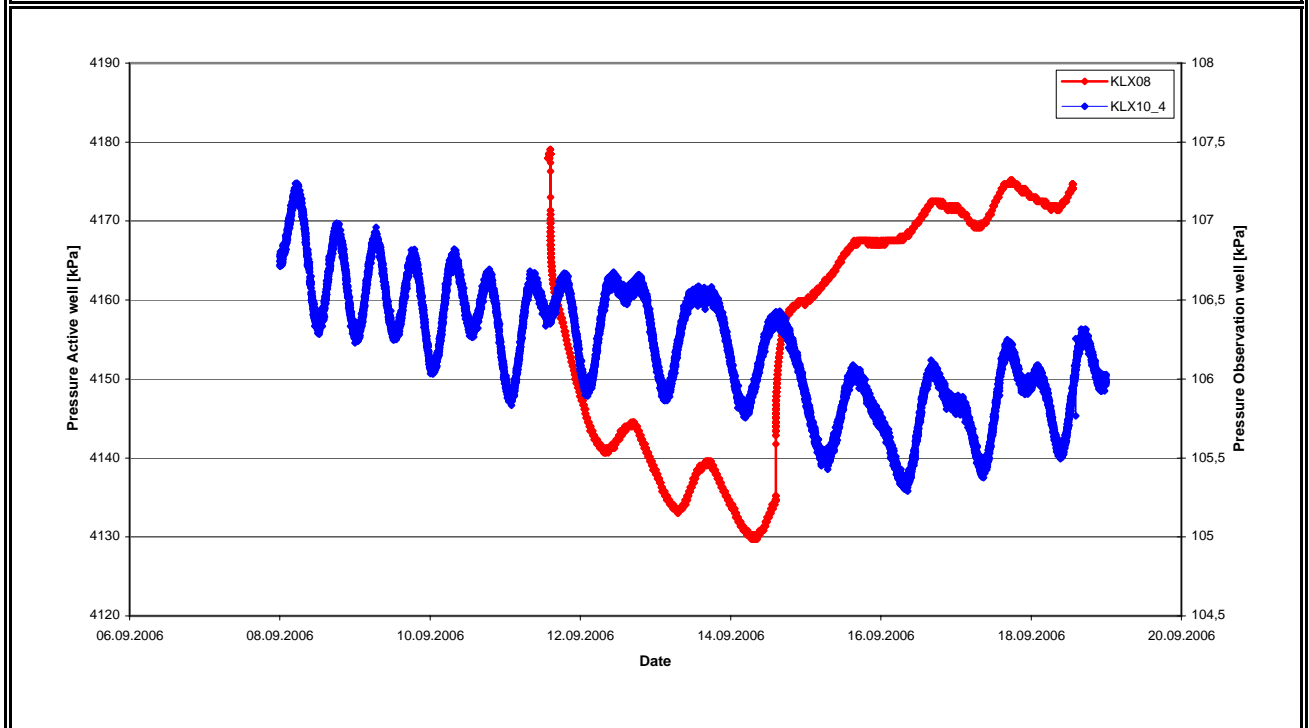
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX10	Section no.:	KLX10_5
		Section length:	351.00-368.00
Distance r_s [m]:	696,90	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	108,4
Pressure in test section before stop of flowing:	p_p	kPa	108,4
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

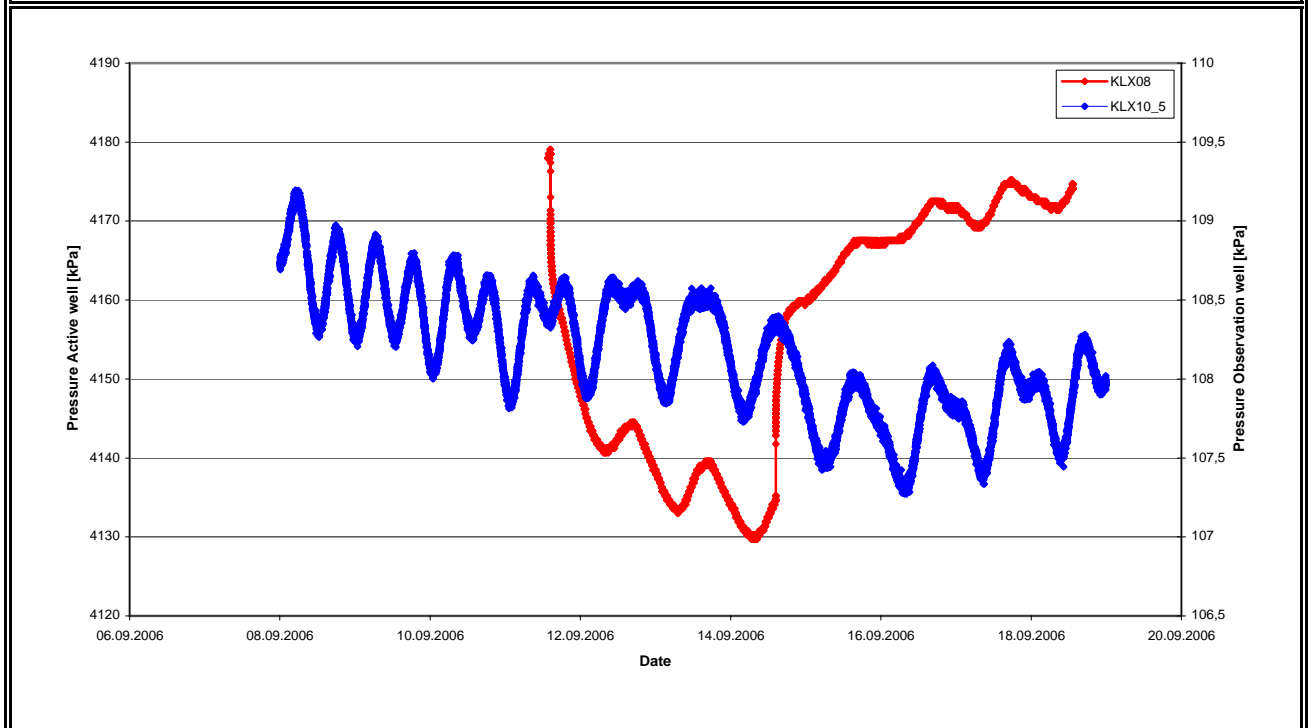
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No. AP PS 400-06-001

Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX10	Section no.:	KLX10_6
		Section length:	291.00-350.00
Distance r_s [m]:	699,40	max. Drawdown s_p [m]:*	0,01
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	109,9
Pressure in test section before stop of flowing:	p_p	kPa	109,8
Maximum pressure change during flowing period:*	dp_p	kPa	0,1

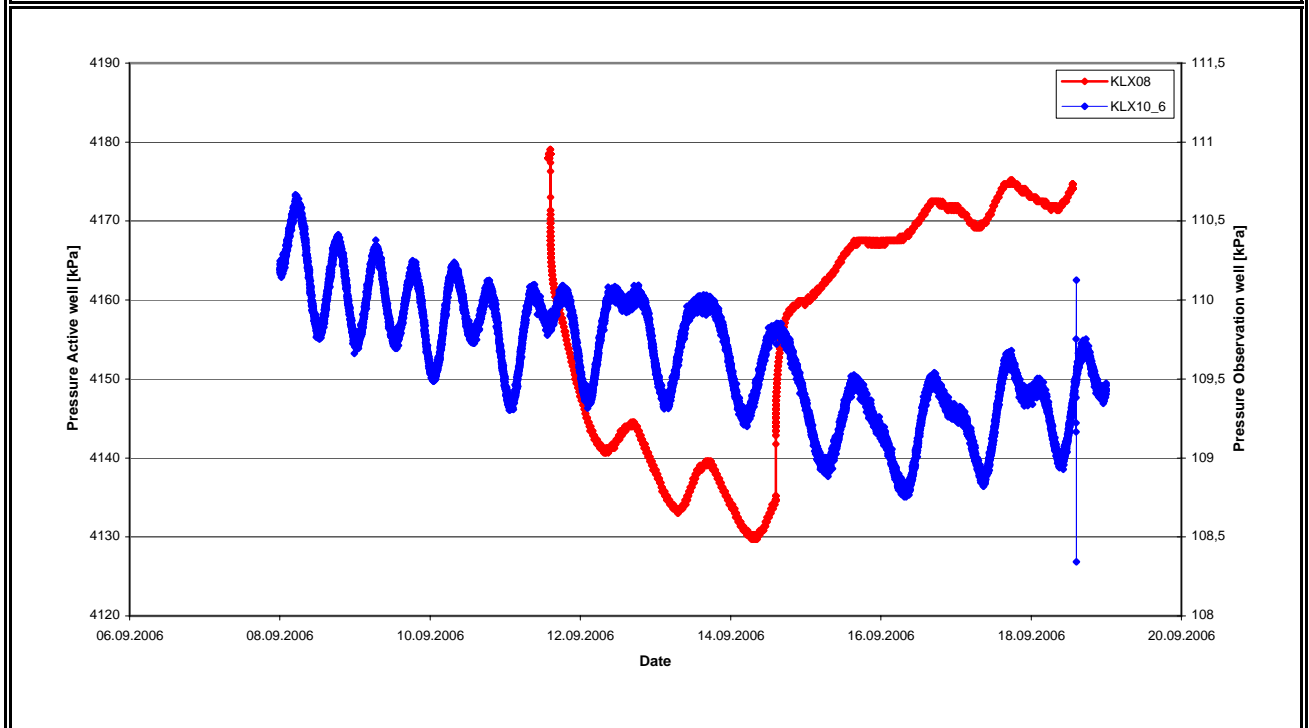
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
 pressure changes due to natural fluctuations (e.g. tidal effects) only
 no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX10	Section no.:	KLX10_7
		Section length:	131.00-290.00
Distance r_s [m]:	720,80	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	114,6
Pressure in test section before stop of flowing:	p_p	kPa	114,6
Maximum pressure change during flowing period:*	dp_p	kPa	0,0

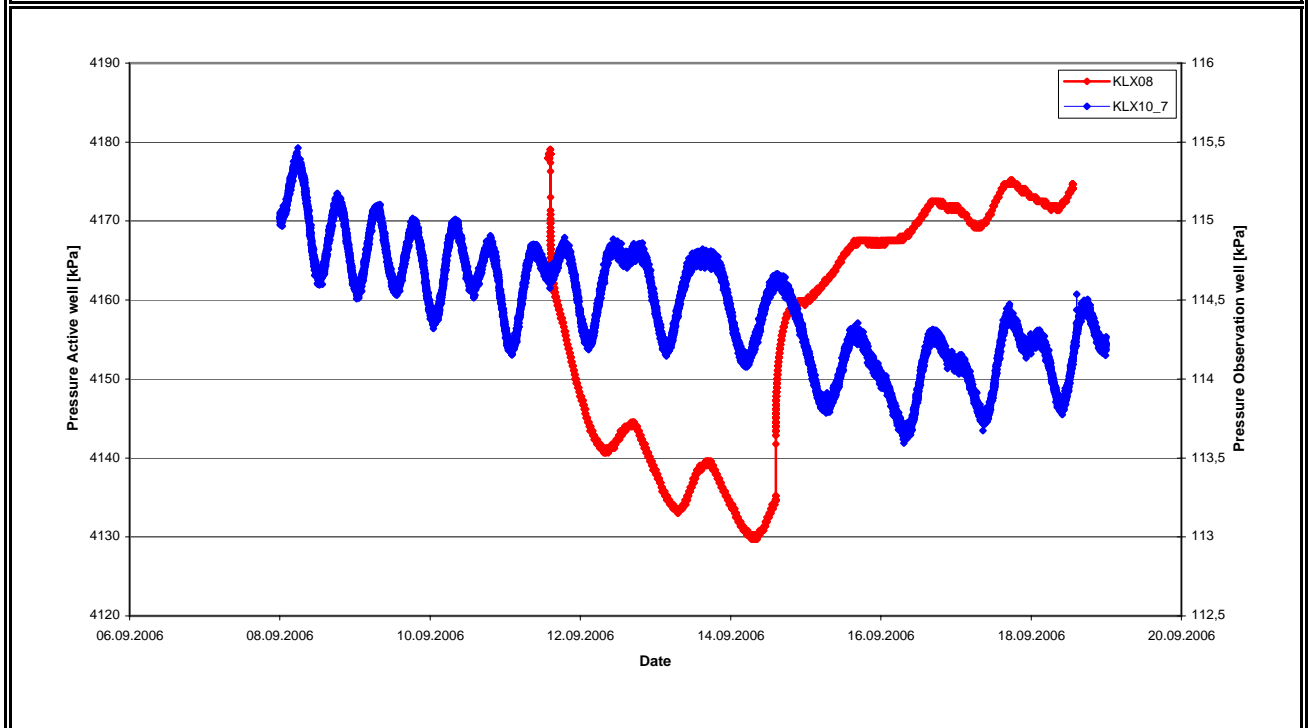
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): #NV

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): #NV

* see comment

Comment: no response due to pumping in source
pressure changes due to natural fluctuations (e.g. tidal effects) only
no index calculated



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	KLX10	Section no.:	KLX10_8
		Section length:	9.20-130.00
Distance r_s [m]:	769,30	max. Drawdown s_p [m]:*	0,00
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	114,5
Pressure in test section before stop of flowing:	p_p	kPa	114,5
Maximum pressure change during flowing period:*	dp_p	kPa	0,0
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	#NV	
$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	#NV		
			* see comment
Comment:	no response due to pumping in source pressure changes due to natural fluctuations (e.g. tidal effects) only no index calculated		

Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44
Observation Hole:	KLX18	Section no.:	KLX18A_1
		Section length:	440.00-611.28
Distance r_s [m]:	520,70	max. Drawdown s_p [m]:*	0,40
Response time dt_L [s]:	#NV		
Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	106,2
Pressure in test section before stop of flowing:	p_p	kPa	102,3
Maximum pressure change during flowing period:*	dp_p	kPa	3,9
Normalized distance with respect to the response time			
Index 1	r_s^2/dt_L (m ² /s):	#NV	
Normalized drawdown with respect to pumping flow rate			
Index 2	s_p/Q_p (s/m ²):	776,47	
	$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m ²):	4857,0	
			* see comment
Comment:	clear response due to pumping in source pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)		

Activityplan No. AP PS 400-06-001

Pumping Hole: KLX08 Pumping Section [m bToC]: 357.00-497.00
 Test Start: 11.09.2006 13:47 Test Stop: 18.09.2006 13:18
 Pump Start: 11.09.2006 14:25 Pump Stop: 14.09.2006 14:25
 Flow Rate Q_p [m³/s]: 5,12E-04

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole: KLX18 Section no.: KLX18A_2
 Section length: 241.00-439.00
 Distance r_s [m]: 510,70 max. Drawdown s_p [m]:* 1,29
 Response time dt_L [s]: 7267

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	98,1
Pressure in test section before stop of flowing:	p_p	kPa	85,4
Maximum pressure change during flowing period:*	dp_p	kPa	12,7

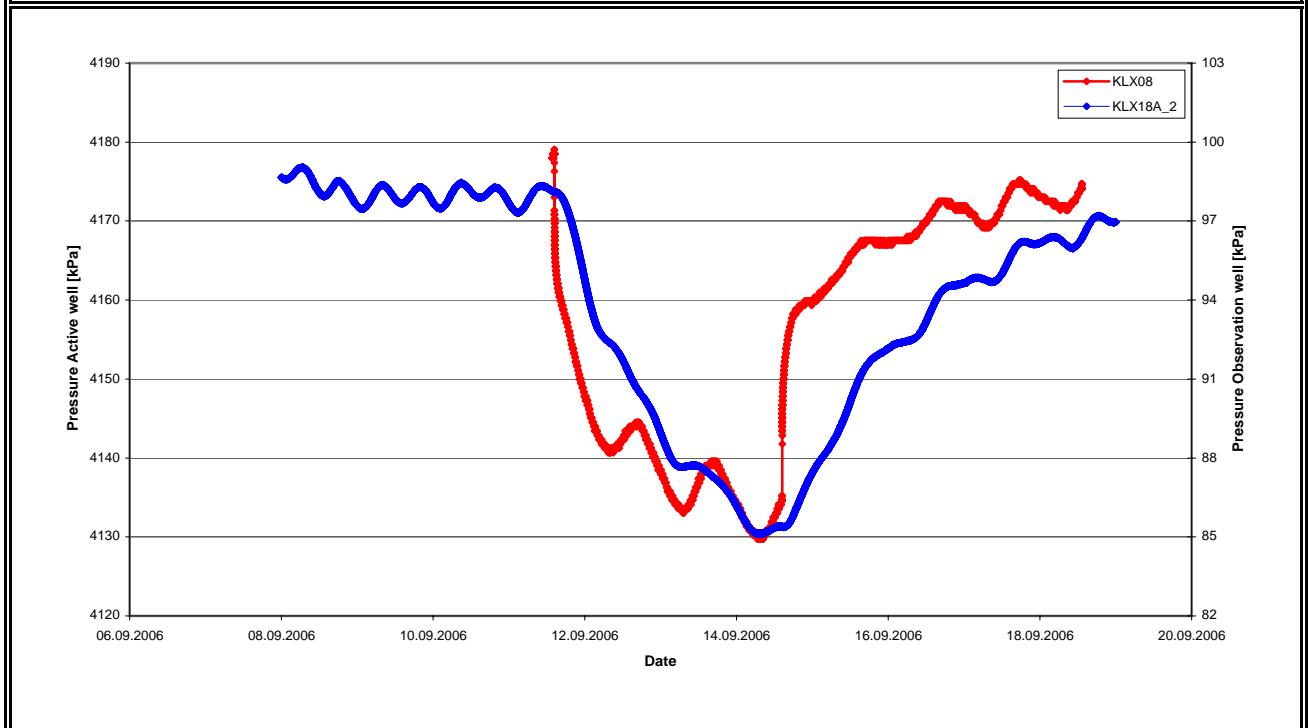
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): **35,89**

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): **2528,51**

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): **15767,2**

* see comment

Comment: clear response due to pumping in source



Activityplan No.	AP PS 400-06-001		
Pumping Hole:	KLX08	Pumping Section [m bToC]:	357.00-497.00
Test Start:	11.09.2006 13:47	Test Stop:	18.09.2006 13:18
Pump Start:	11.09.2006 14:25	Pump Stop:	14.09.2006 14:25
Flow Rate Q_p [m ³ /s]:	5,12E-04		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	4179
Pressure in test section before stop of flowing:	p_p	kPa	4135
Maximum pressure change during flowing period:	dp_p	kPa	44

Observation Hole:	KLX18	Section no.:	KLX18A_3
		Section length:	11.83-240.00
Distance r_s [m]:	551,70	max. Drawdown s_p [m]:*	0,09
Response time dt_L [s]:	#NV		

Pressure data	Nomenclature	Unit	Value
Pressure in test section before start of flowing:	p_i	kPa	117,6
Pressure in test section before stop of flowing:	p_p	kPa	116,7
Maximum pressure change during flowing period:*	dp_p	kPa	0,9

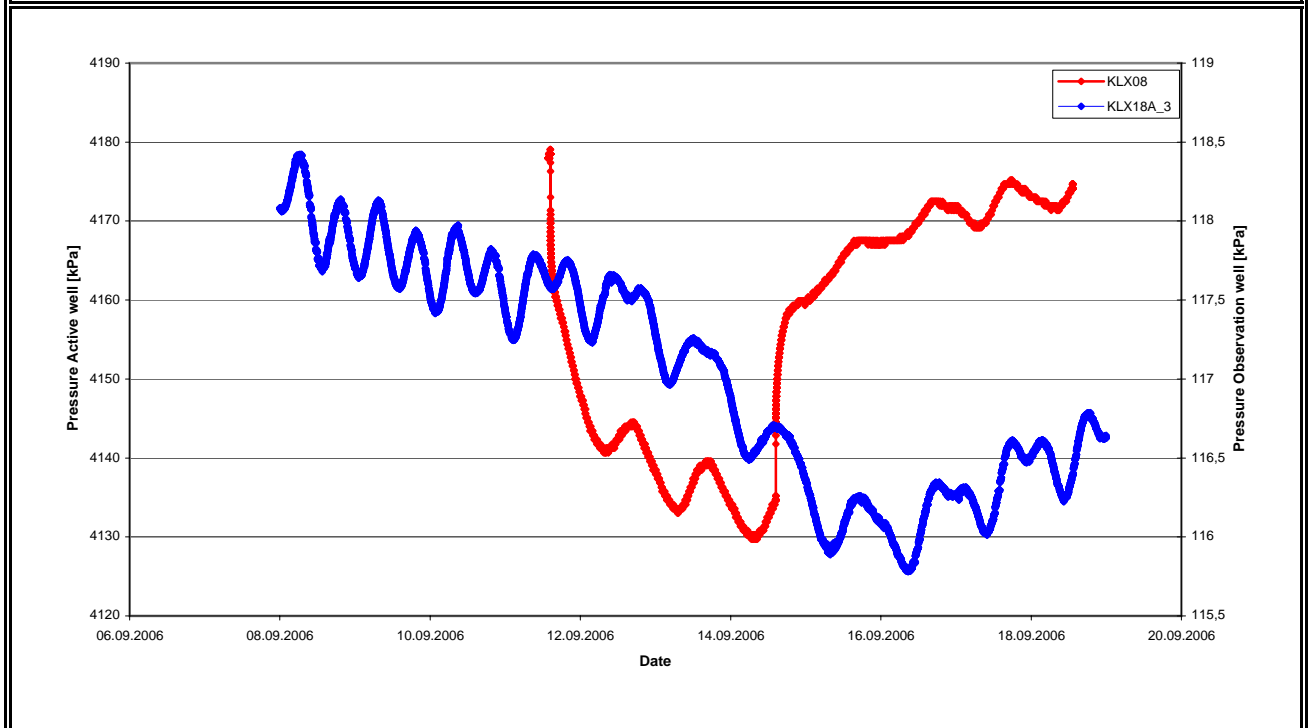
Normalized distance with respect to the response time
Index 1 r_s^2/dt_L (m²/s): #NV

Normalized drawdown with respect to pumping flow rate
Index 2 s_p/Q_p (s/m²): 179,19

$(s_p/Q_p)*\ln(r_s/r_0)$ (s/m²): 1131,2

* see comment

Comment: clear response due to pumping in source
 pressure changes influenced additionally by natural fluctuations (e.g. tidal effects)



Borehole: KLX08		
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APPENDIX 7

Observation Hole Test Analyses Diagrams

Borehole: KLX08		
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APPENDIX 7-1

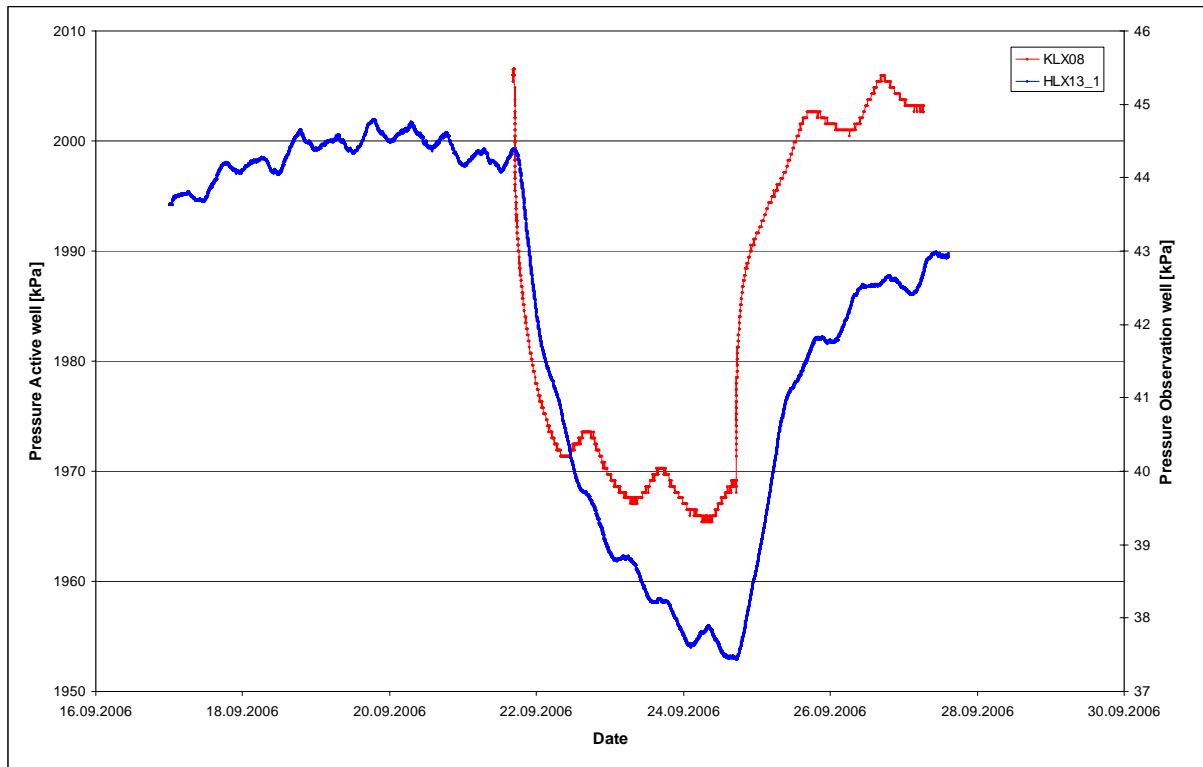
Test 102.00 – 242.00 m

Observation Hole Test Analyses diagrams

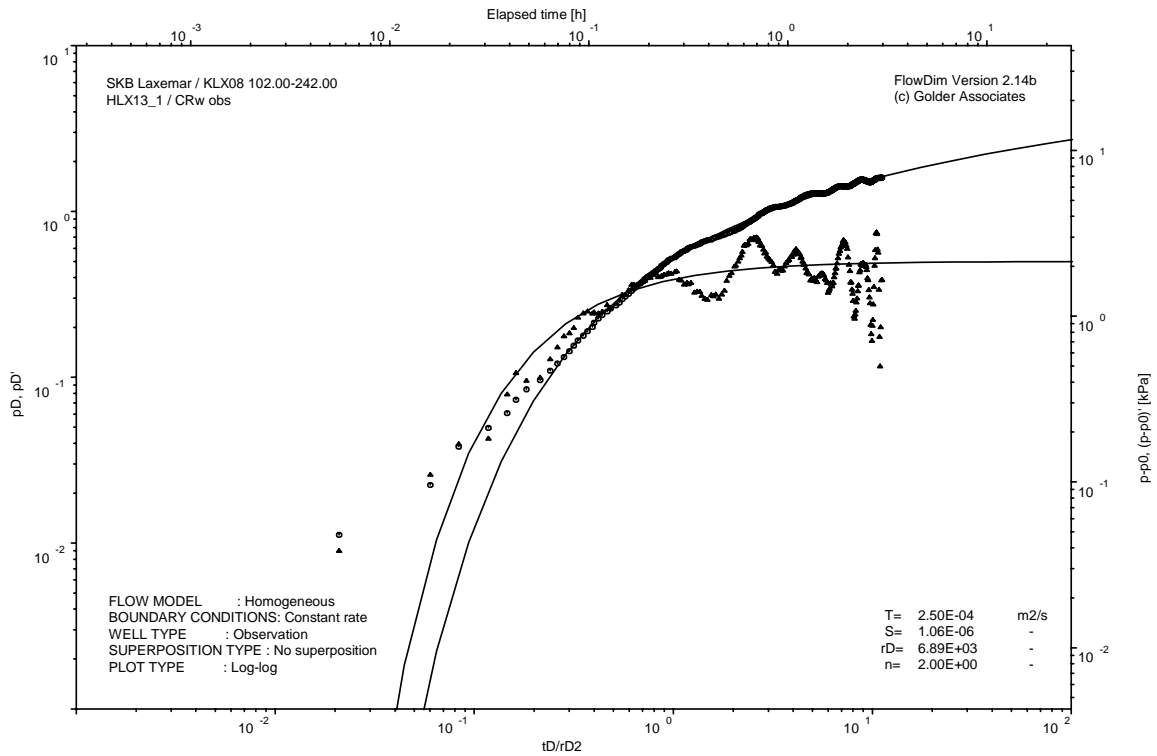
APPENDIX 7-1-1

KLX08 Section 102.00-242.00 m pumped
HLX13_1 12.00-200.20 m observed

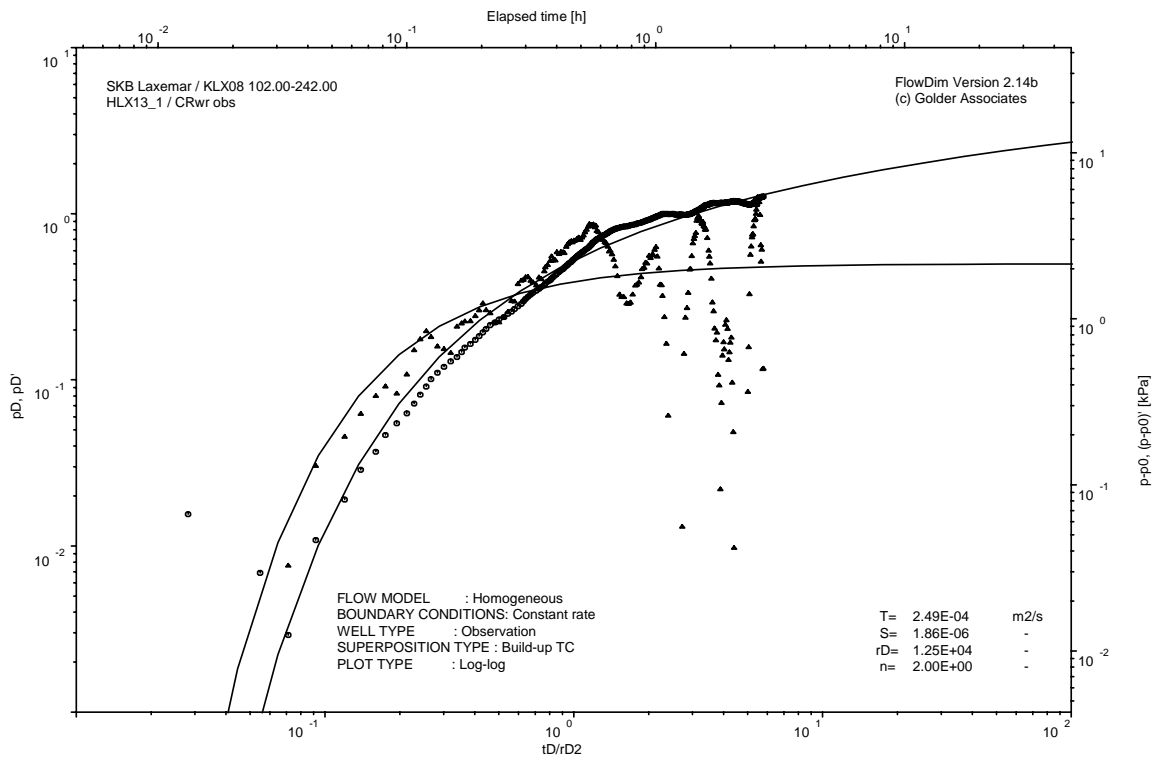
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and HLX13_1 12.00-200.20 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and HLX13_1 12.00-200.20 m observed

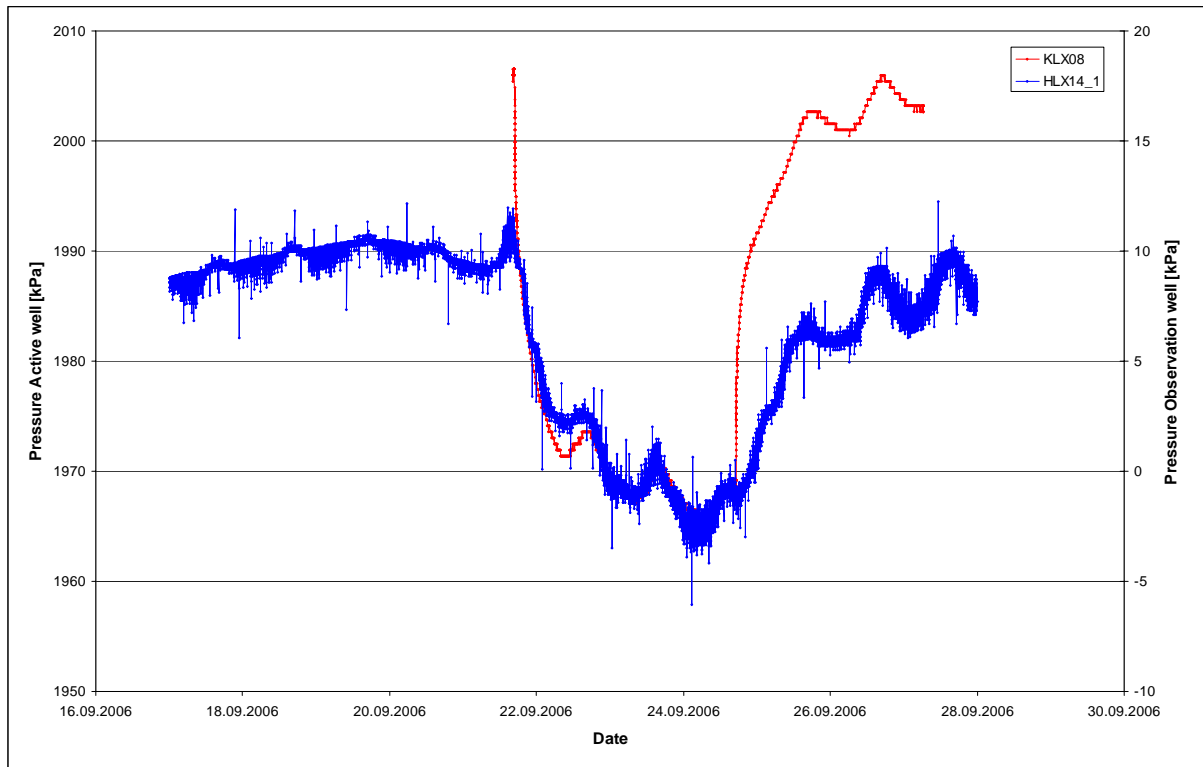


CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and HLX13_1 12.00-200.20 m observed

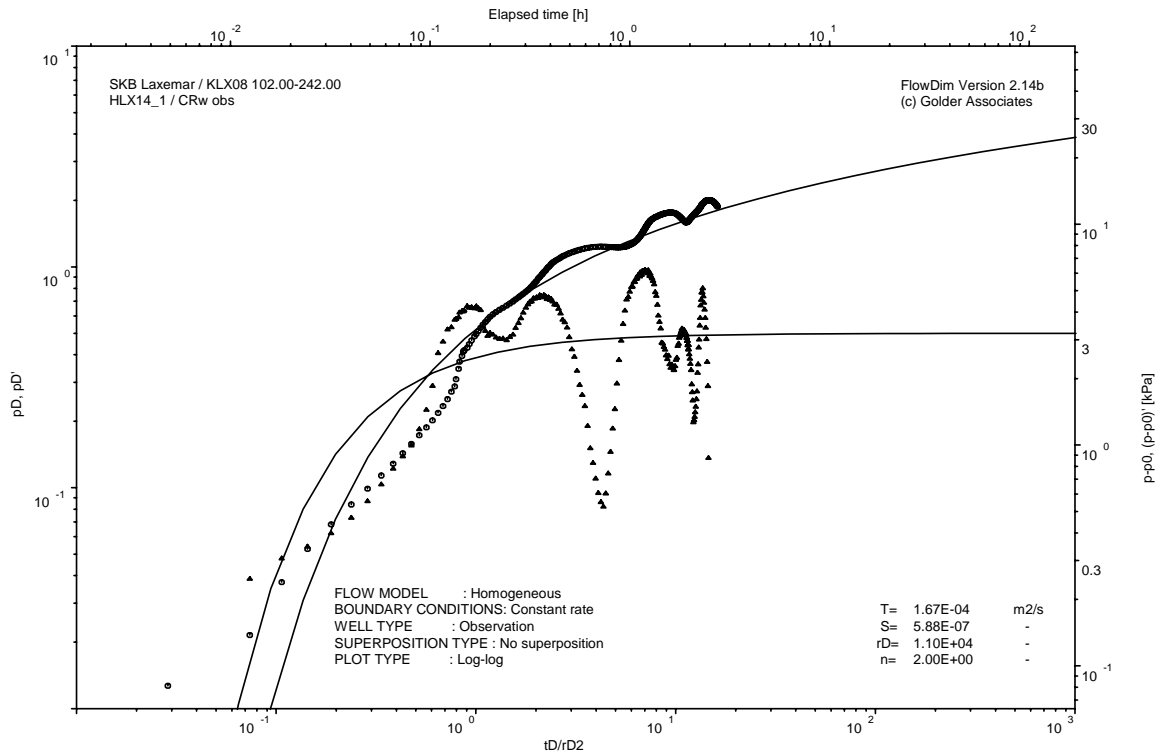
APPENDIX 7-1-2

KLX08 Section 102.00-242.00 m pumped
HLX14_1 12.00-115.90 m observed

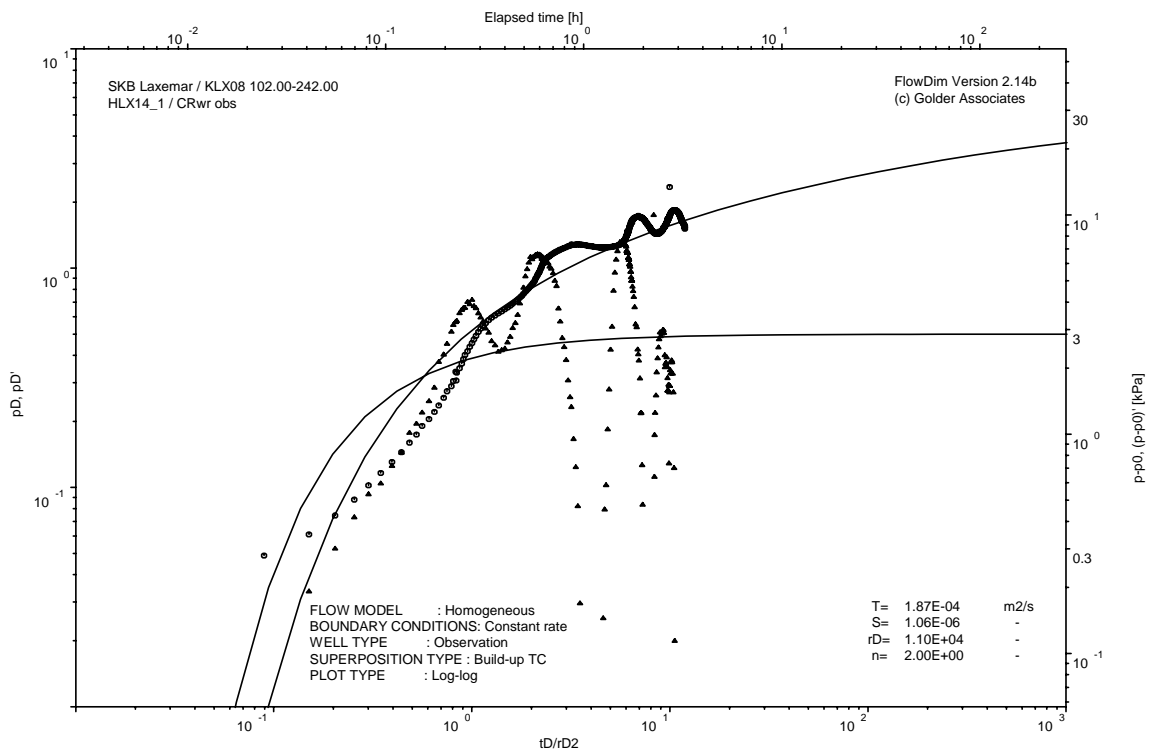
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and HLX14_1 12.00-115.90 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and HLX14_1 12.00-115.90 m observed

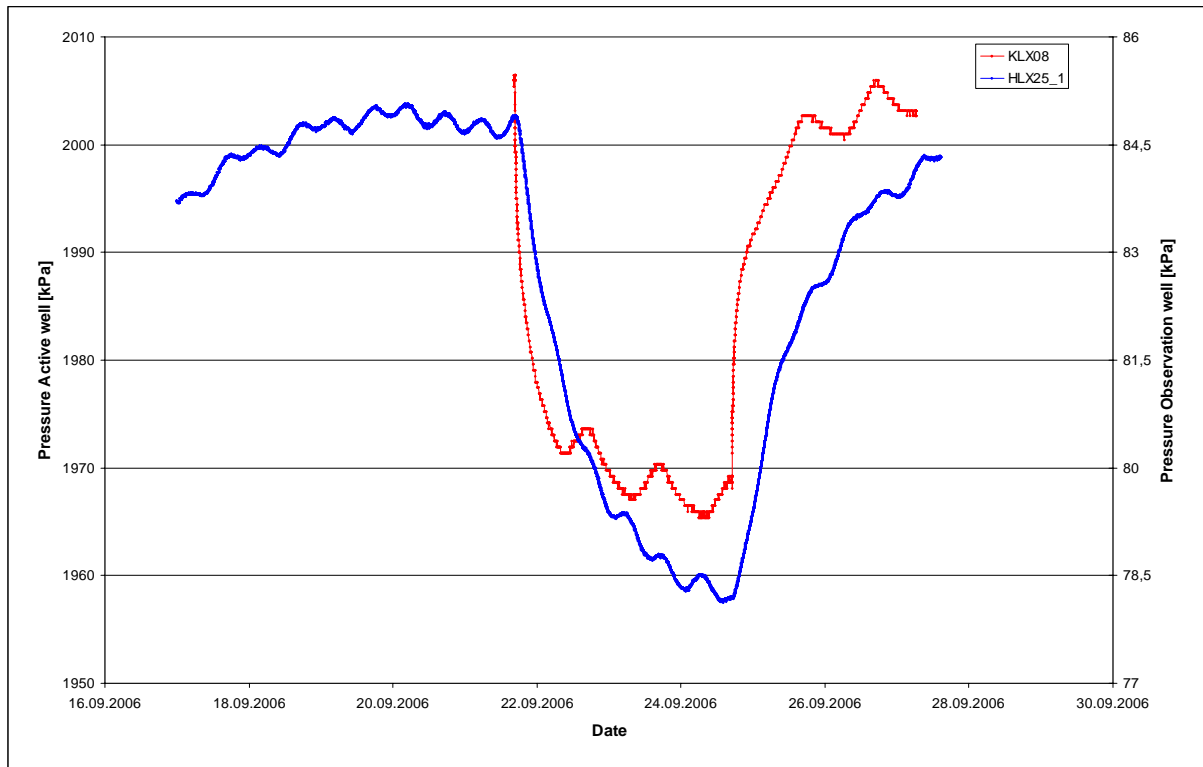


CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and HLX14_1 12.00-115.90 m observed

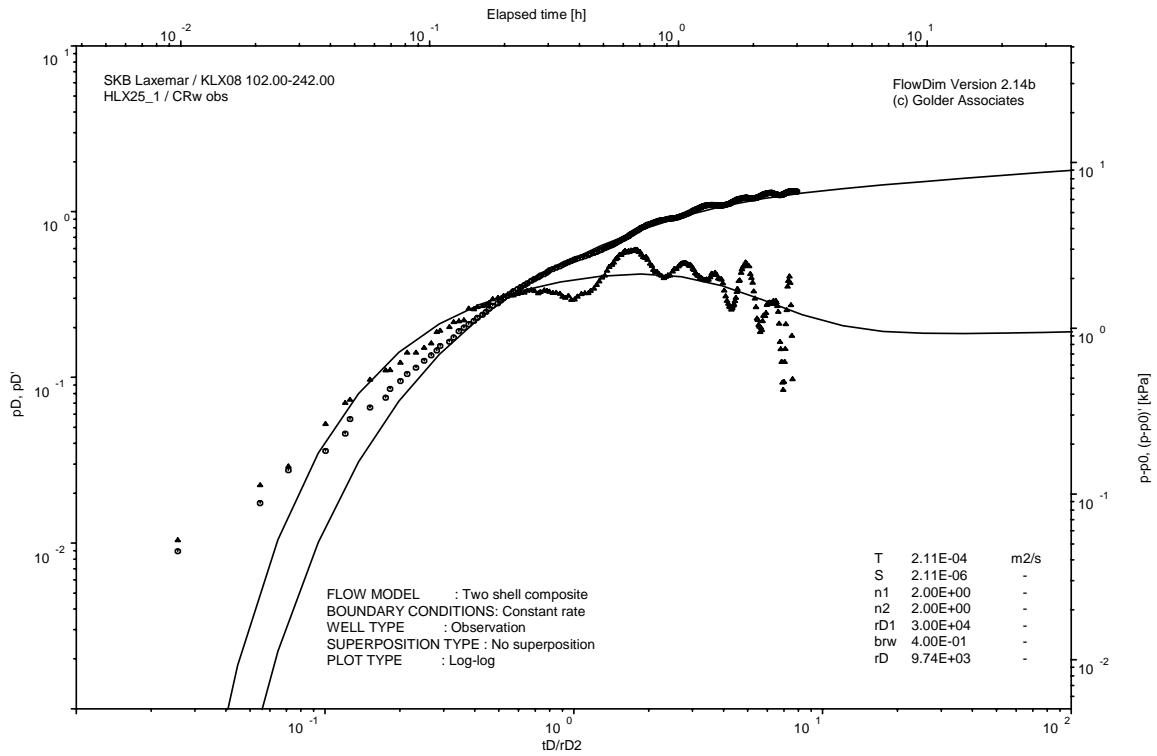
APPENDIX 7-1-3

KLX08 Section 102.00-242.00 m pumped
HLX25_1 61.00-202.50 m observed

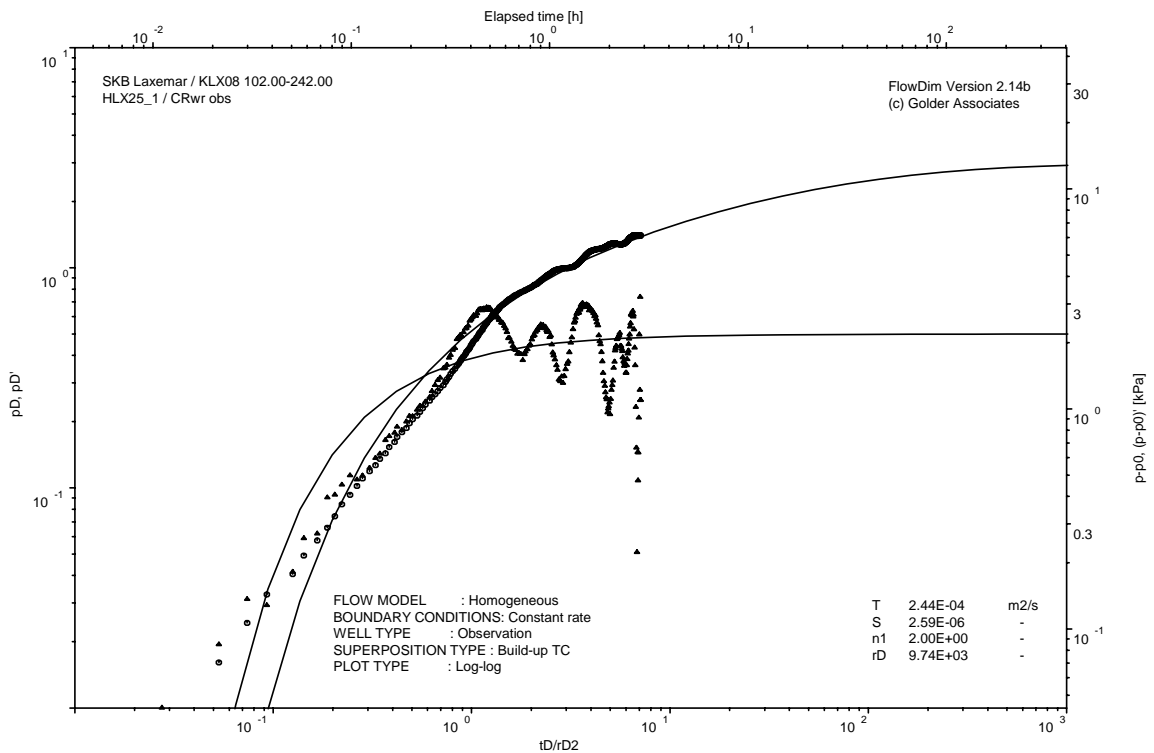
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and HLX25_1 61.00-202.50 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and HLX25_1 61.00-202.50 m observed

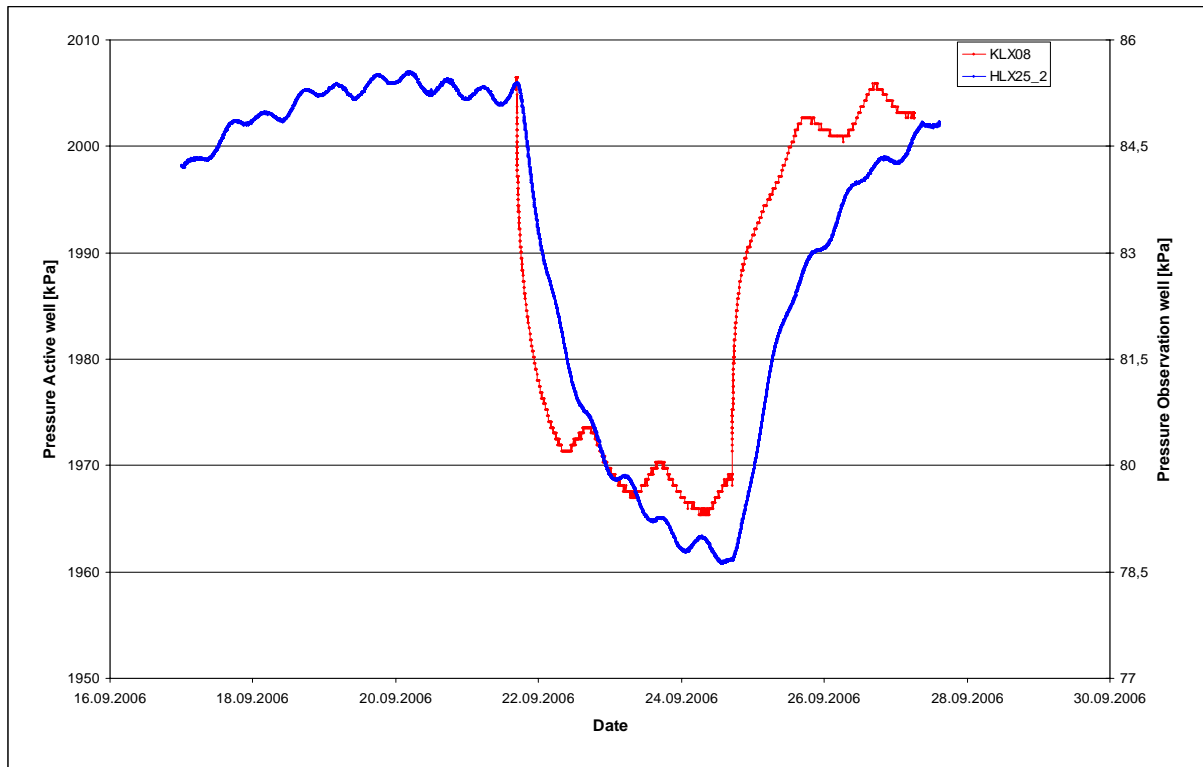


CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and HLX25_1 61.00-202.50 m observed

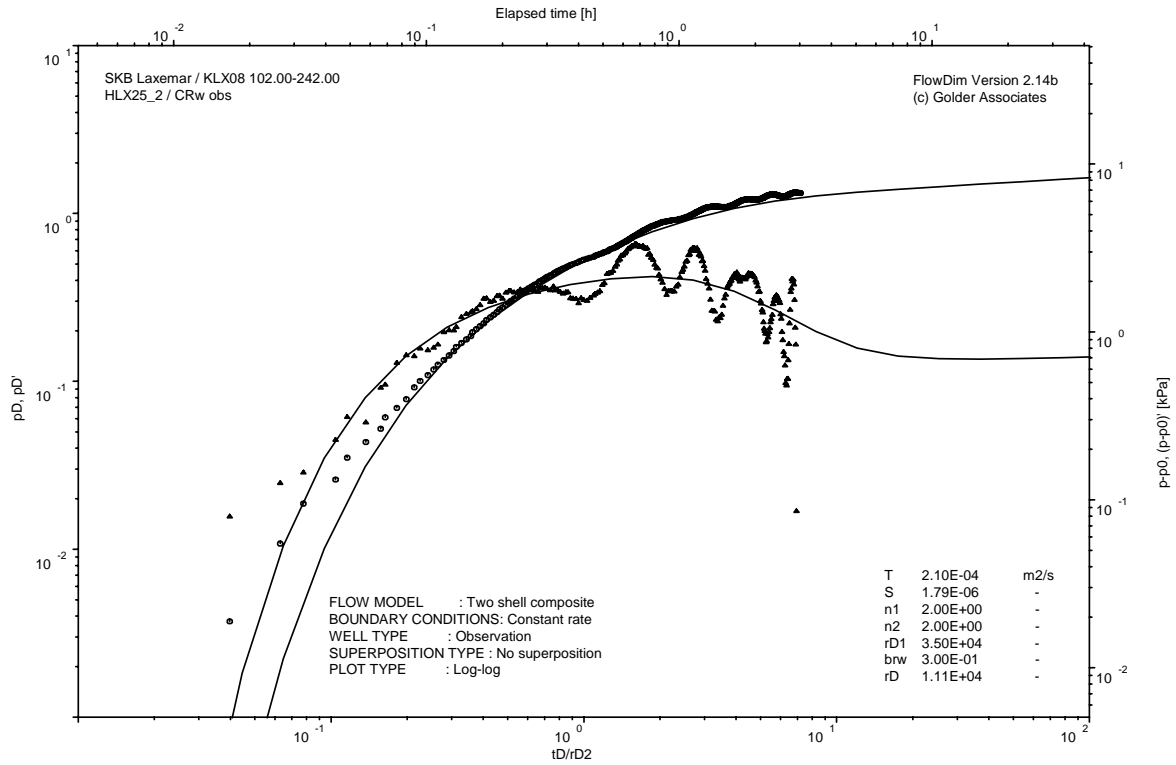
APPENDIX 7-1-4

KLX08 Section 102.00-242.00 m pumped
HLX25_2 6.12-60.00 m observed

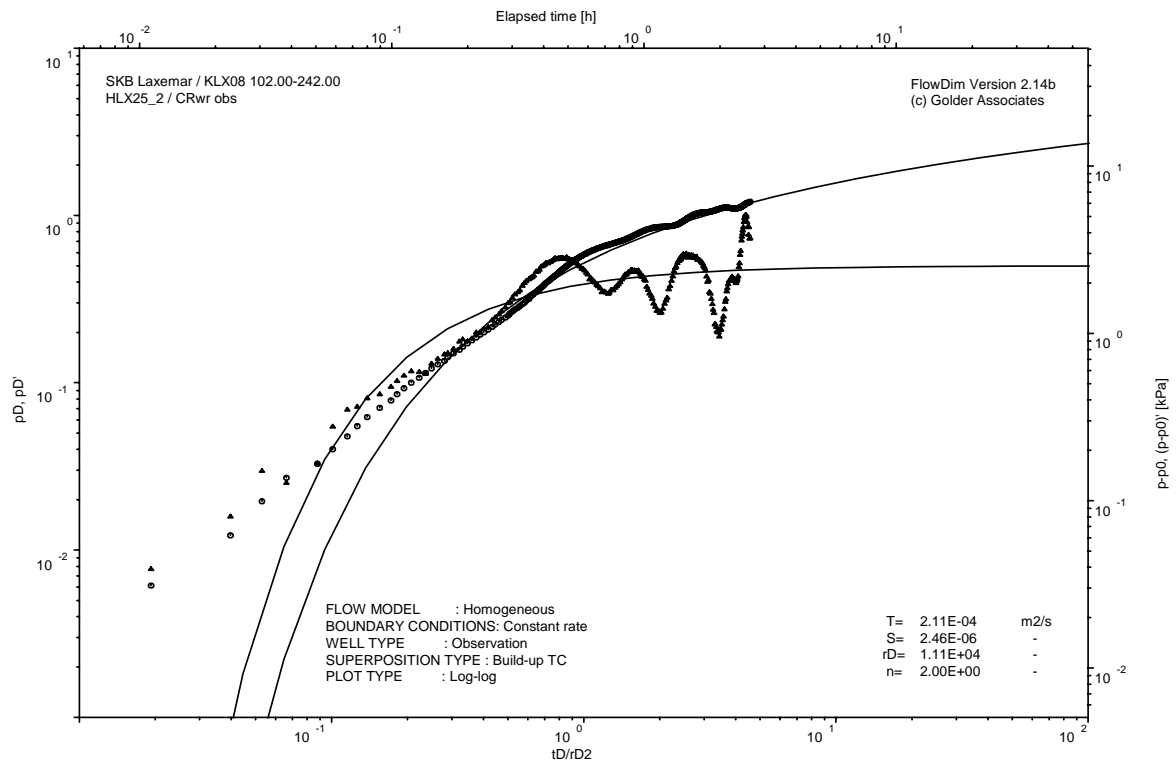
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and HLX25_2 6.12-60.00 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and HLX25_2 6.12-60.00 m observed

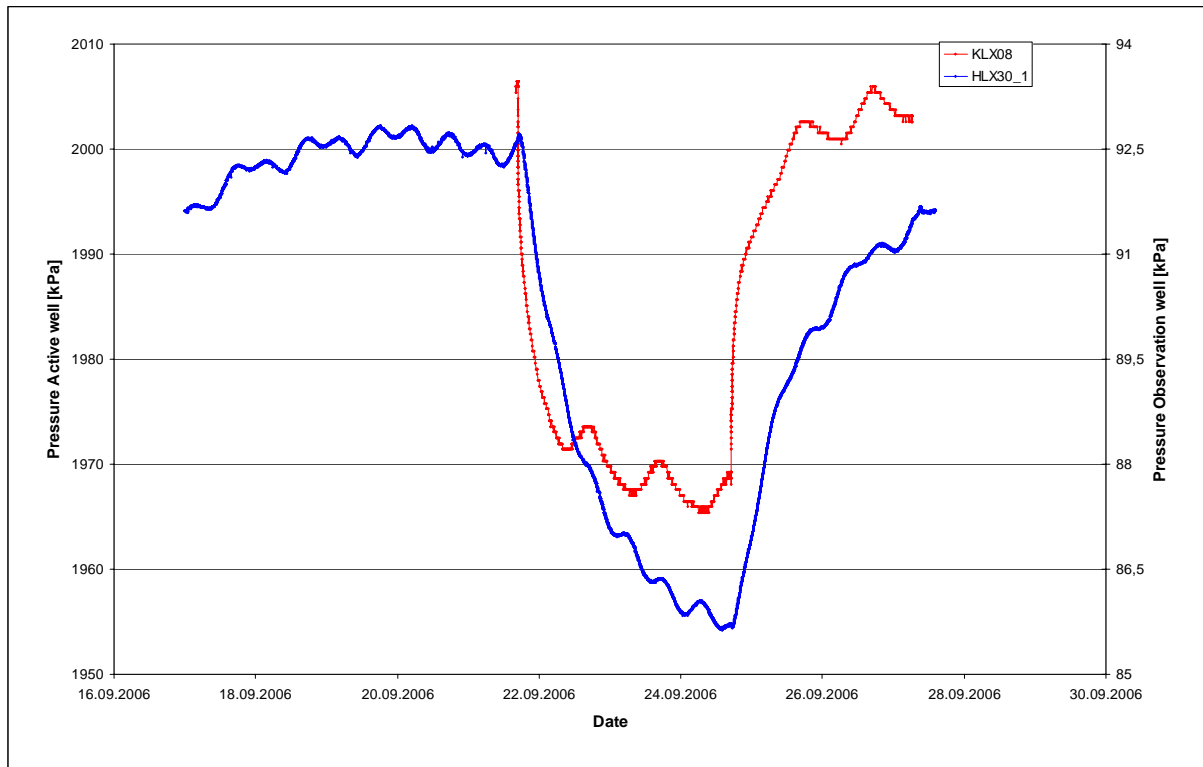


CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and HLX25_2 6.12-60.00 m observed

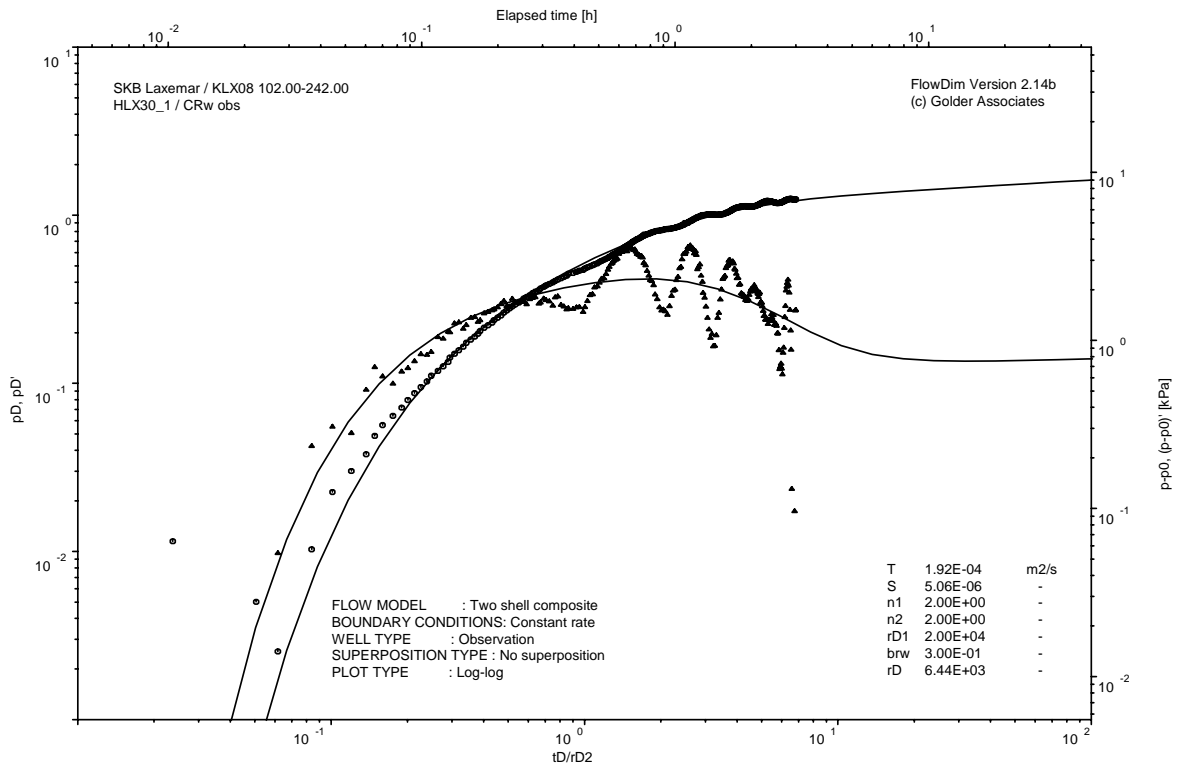
APPENDIX 7-1-5

KLX08 Section 102.00-242.00 m pumped
HLX30_1 101.00-163.40 m observed

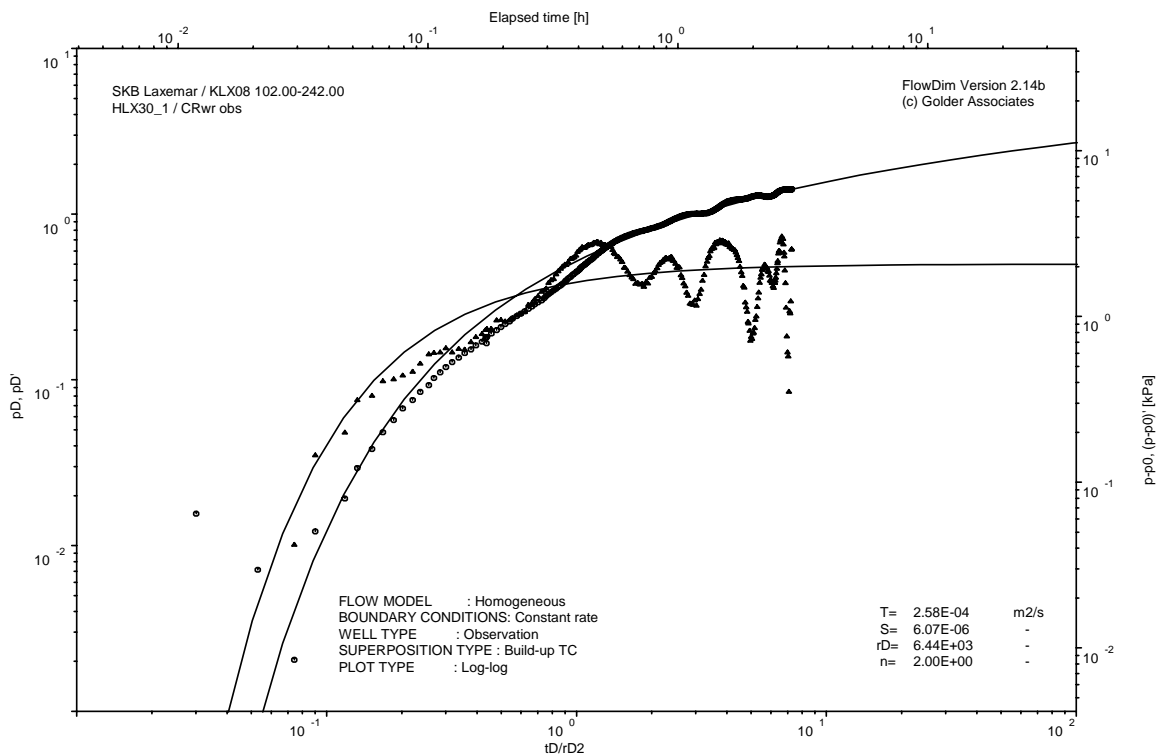
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and HLX30_1 101.00-163.40 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and HLX30_1 101.00-163.40 m observed



CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and HLX30_1 101.00-163.40 m observed

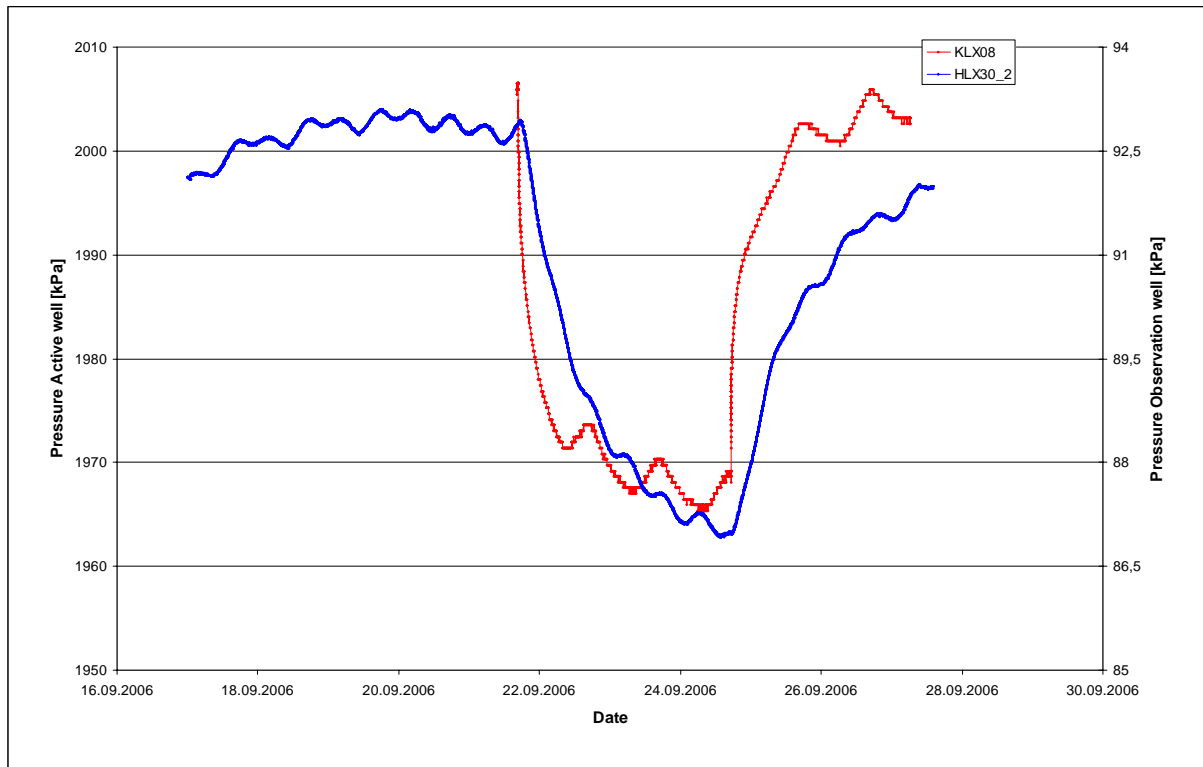
Pumped: KLX08 102.00-242.00 m
Observed: HLX30_2 9.10-100.00 m

Page 7-1-6/1

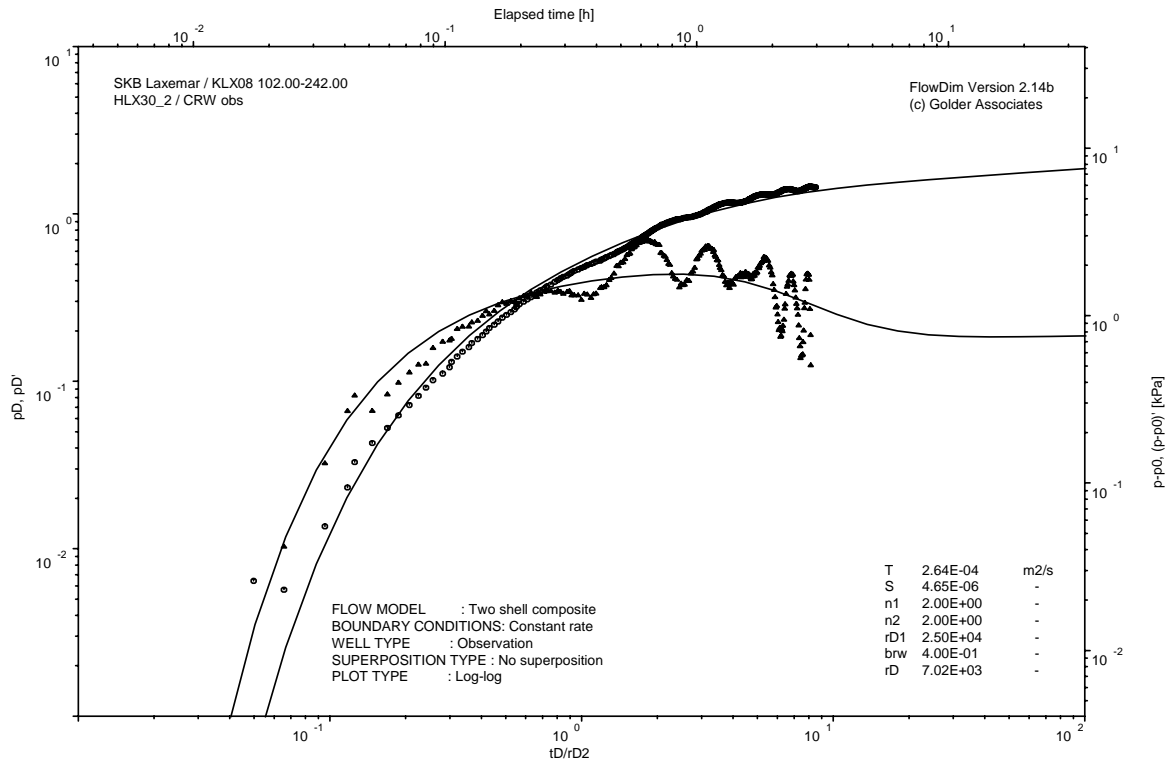
APPENDIX 7-1-6

KLX08 Section 102.00-242.00 m pumped
HLX30_2 9.10-100.00 m observed

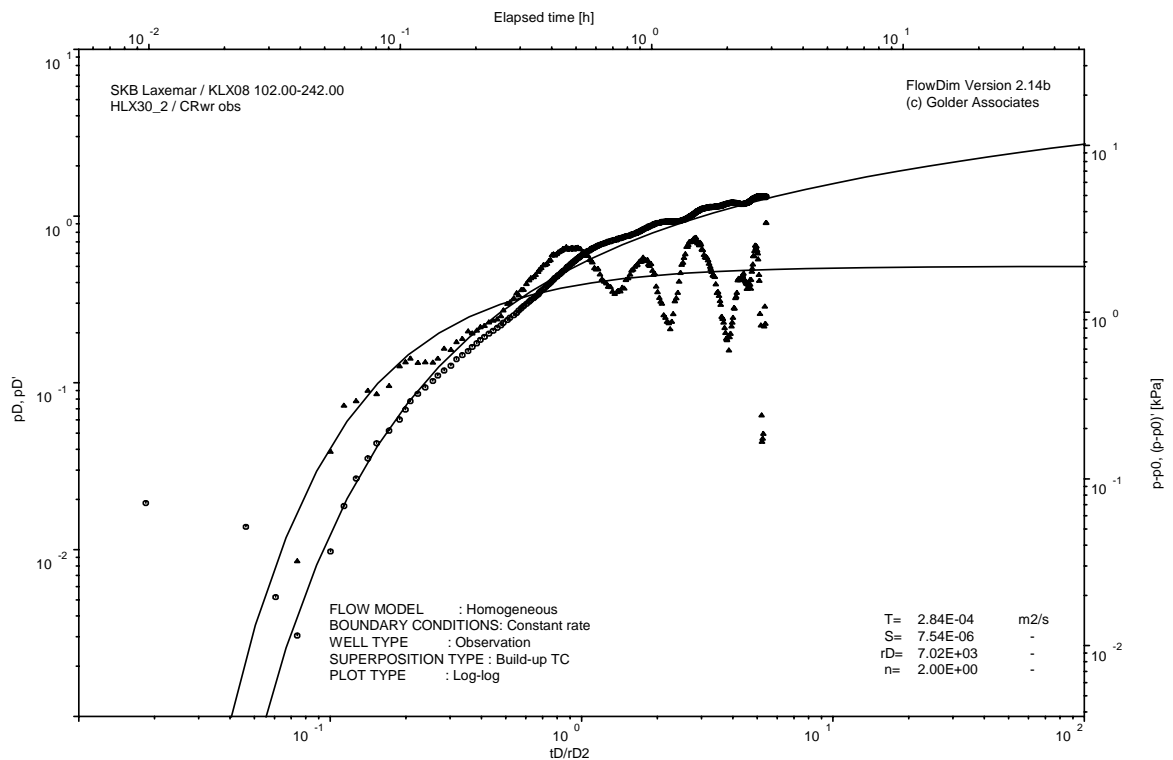
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and HLX30_2 9.10-100.00 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and HLX30_2 9.10-100.00 m observed



CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and HLX30_2 9.10-100.00 m observed

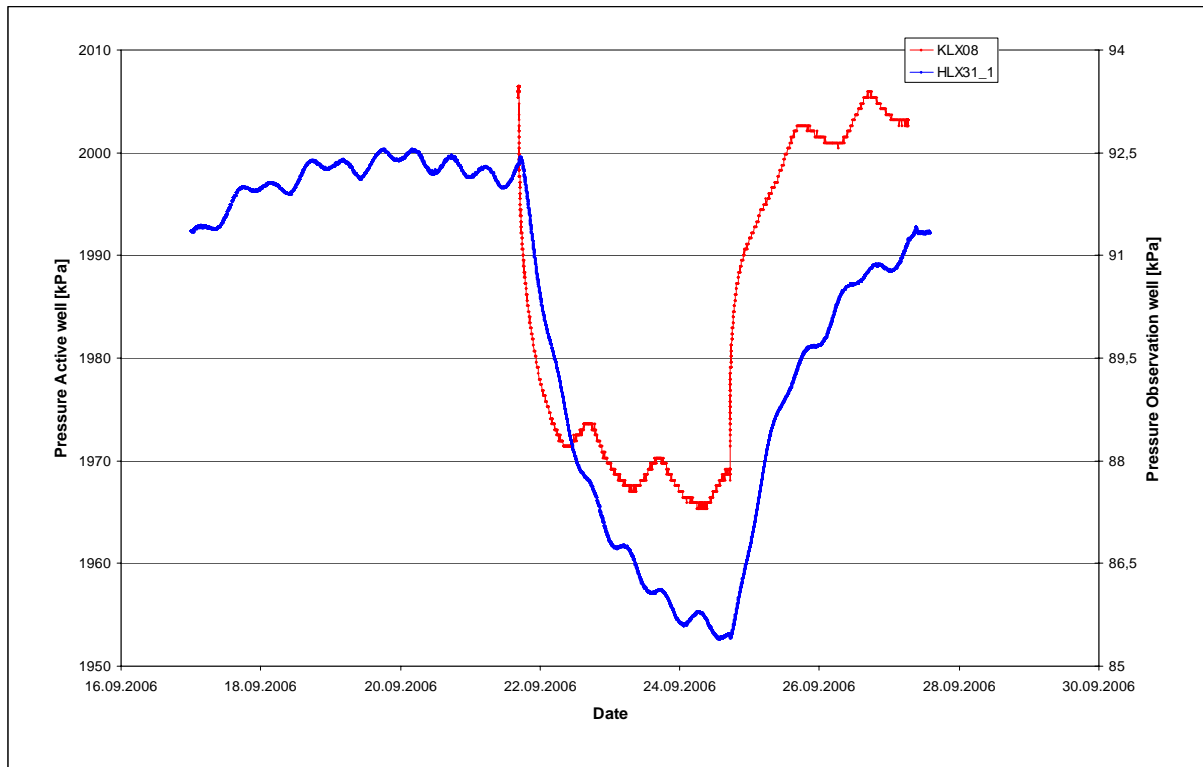
Pumped: KLX08 102.00-242.00 m
Observed: HLX31_1 9.10-133.20 m

Page 7-1-7/1

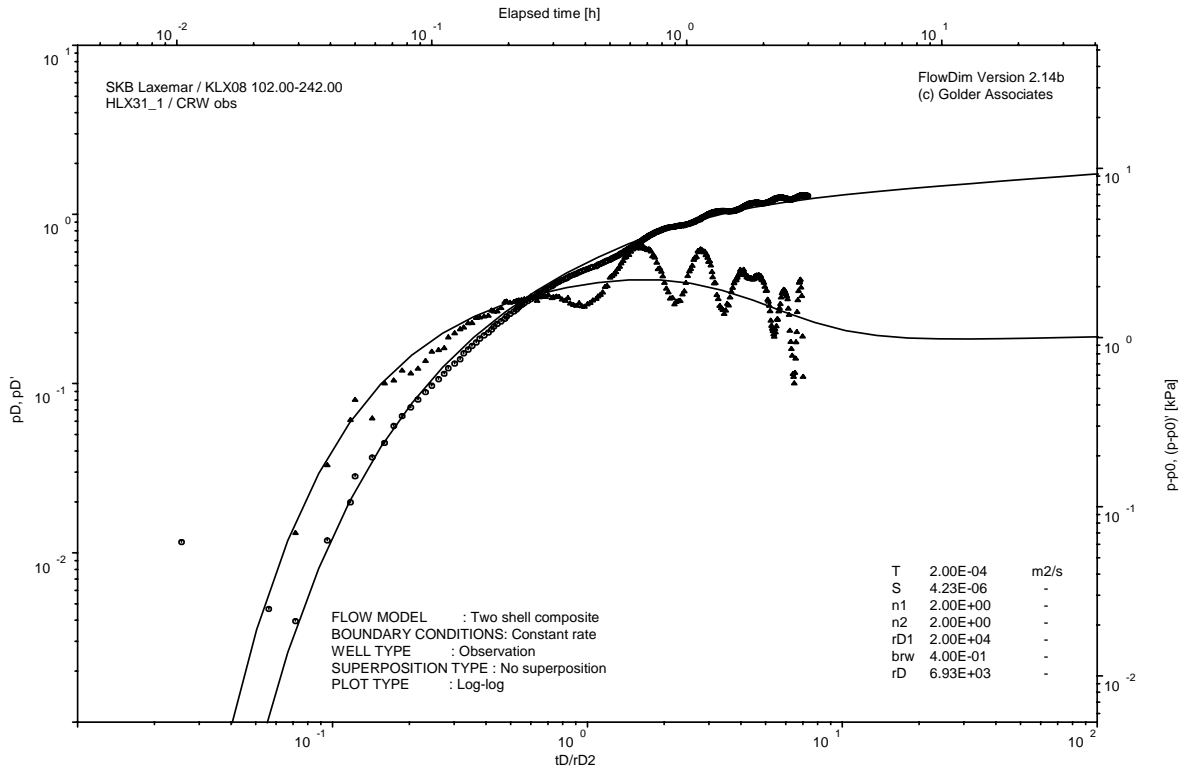
APPENDIX 7-1-7

KLX08 Section 102.00-242.00 m pumped
HLX31_1 9.10-133.20 m observed

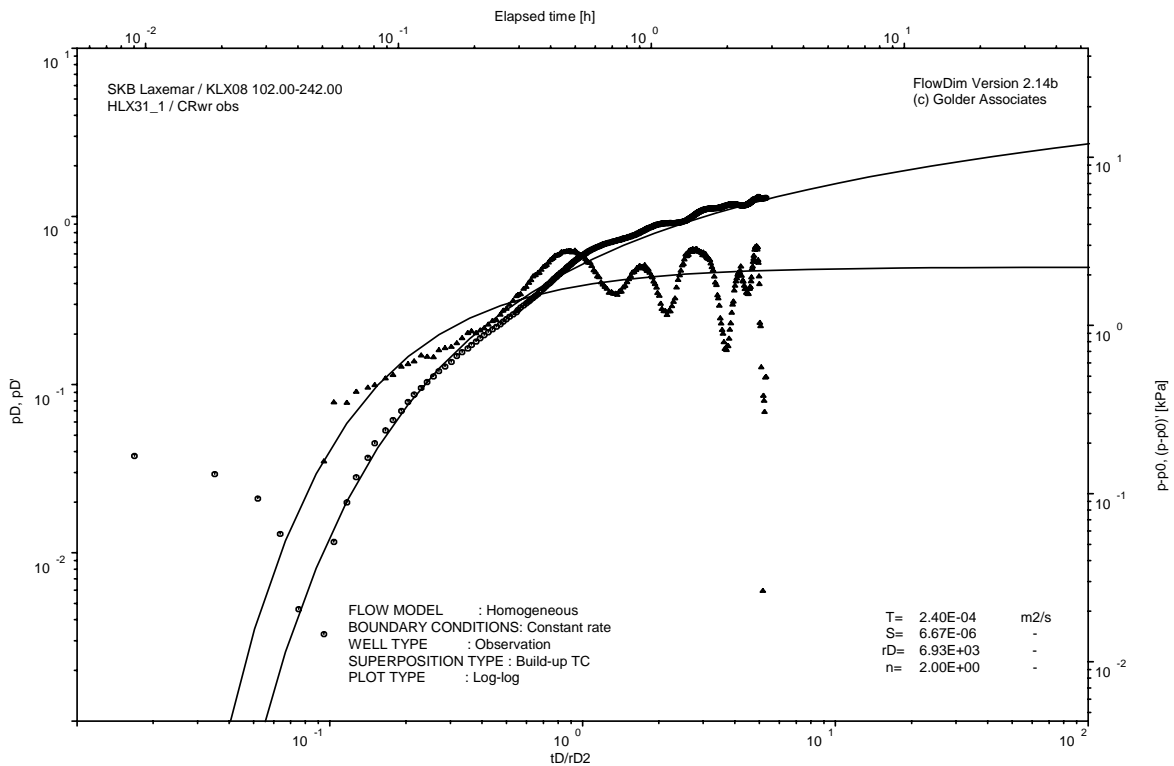
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and HLX31_1 9.10-133.20 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and HLX31_1 9.10-133.20 m observed

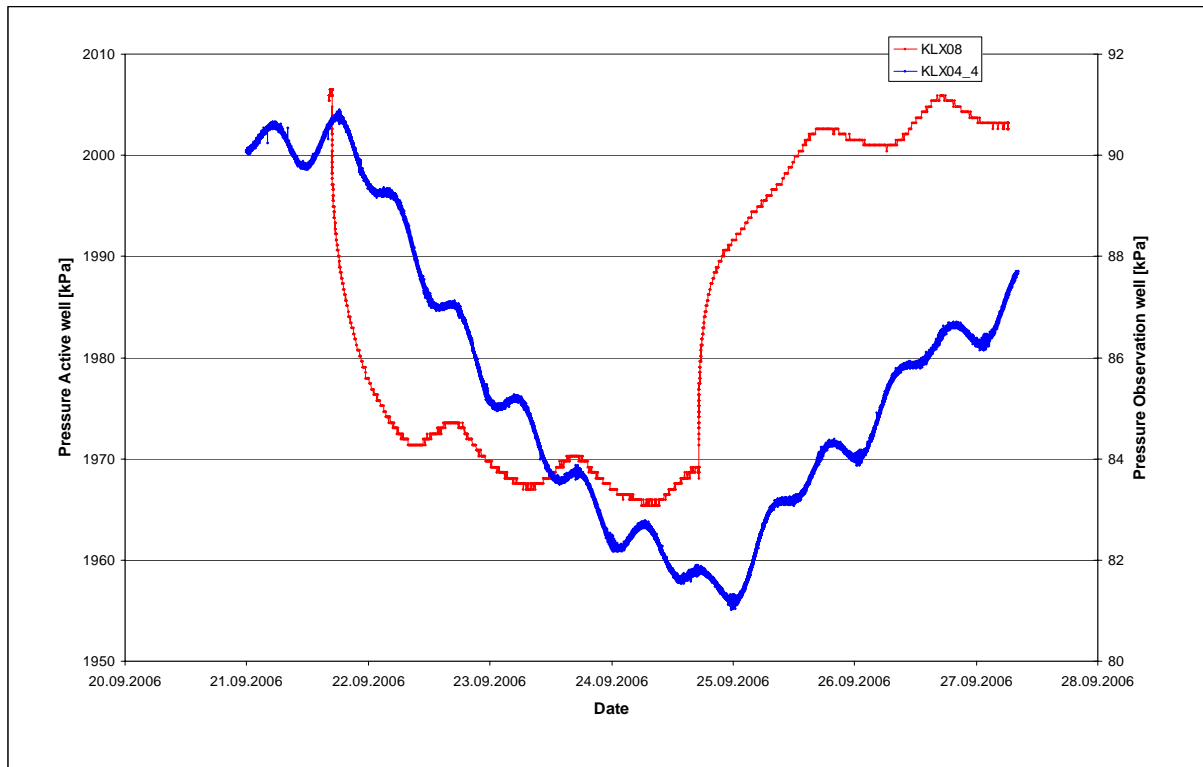


CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and HLX31_1 9.10-133.20 m observed

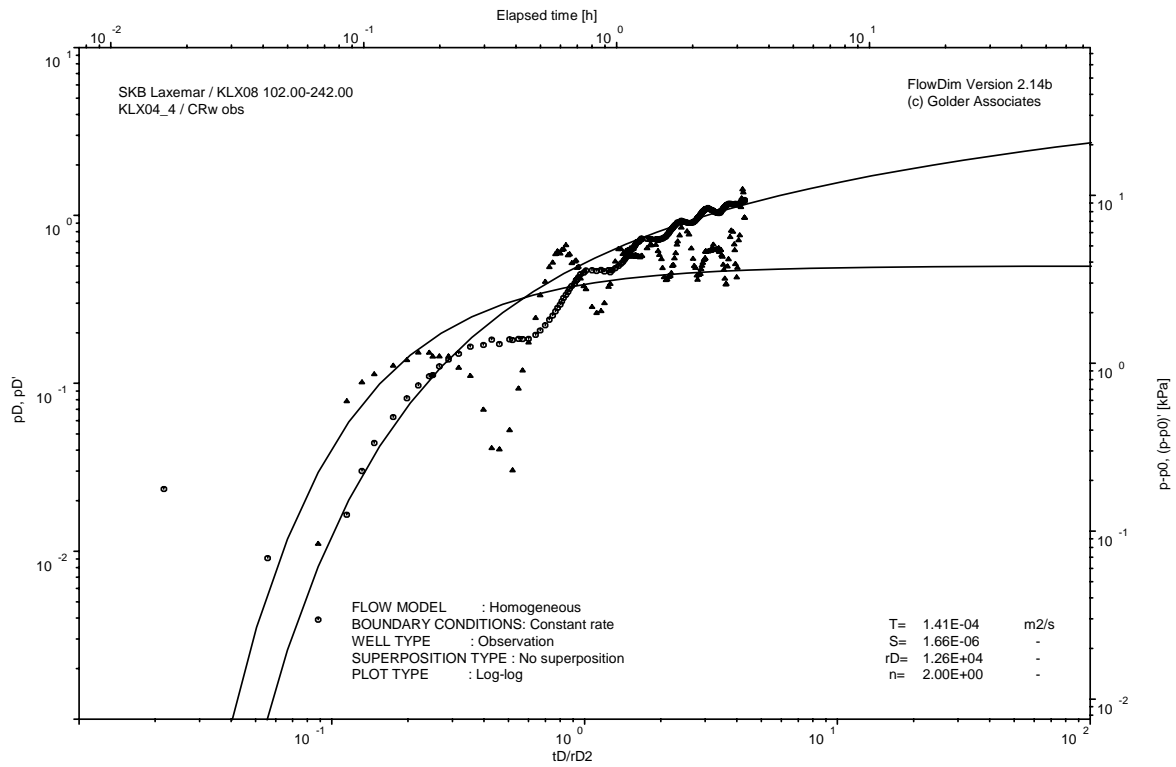
APPENDIX 7-1-8

KLX08 Section 102.00-242.00 m pumped
KLX04_4 531.00-685.00 m observed

Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and KLX04_4 531.00-685.00 m observed



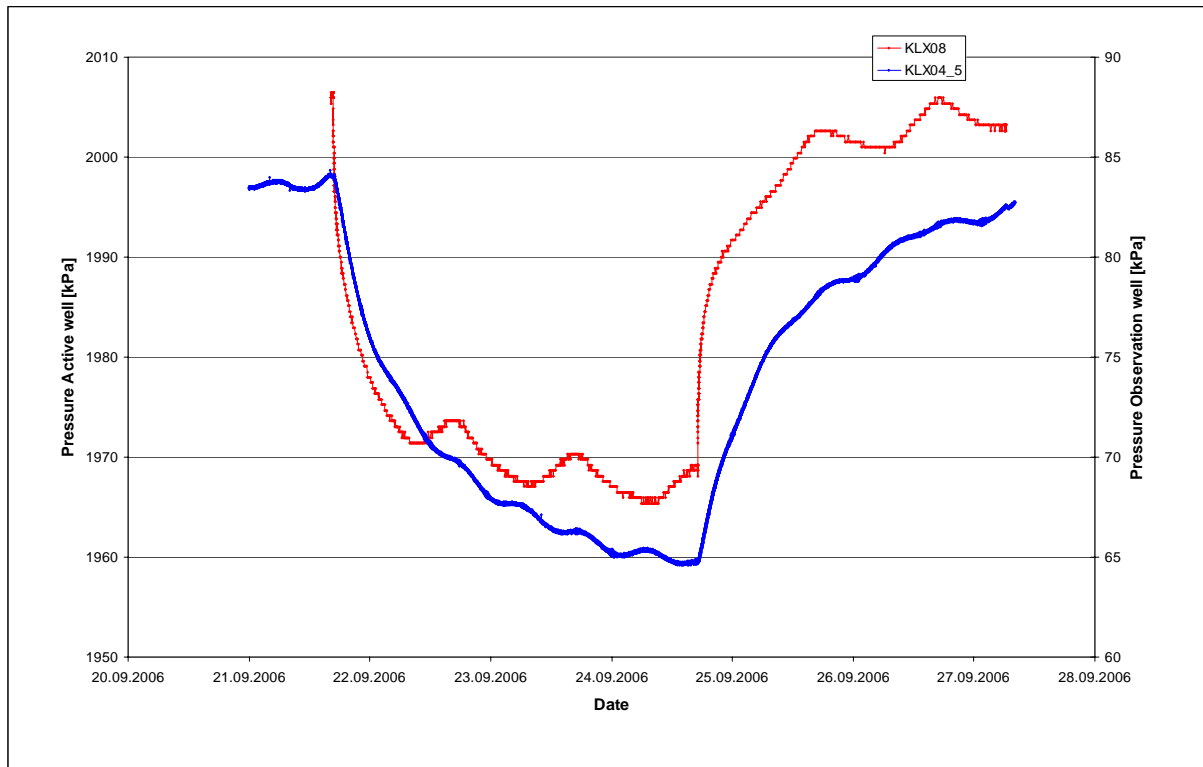
CRw phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_4 531.00-685.00 m observed

CRwr phase; not analysed

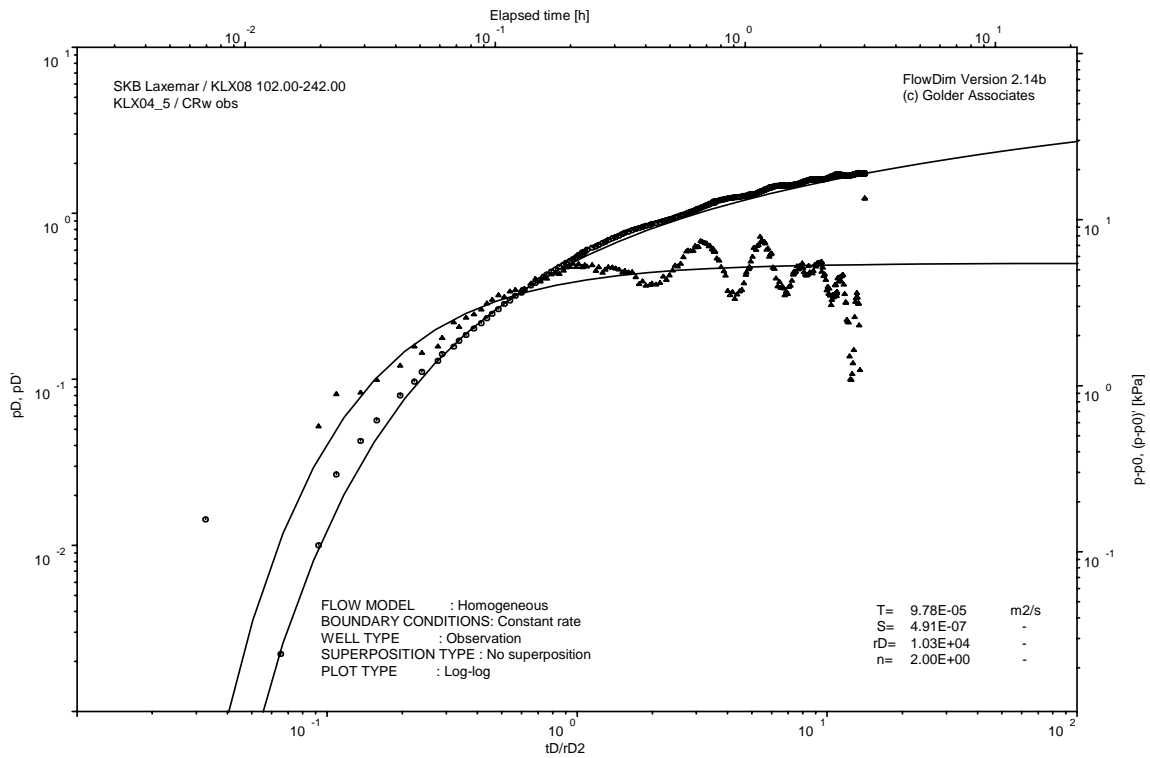
APPENDIX 7-1-9

KLX08 Section 102.00-242.00 m pumped
KLX04_5 507.00-530.00 m observed

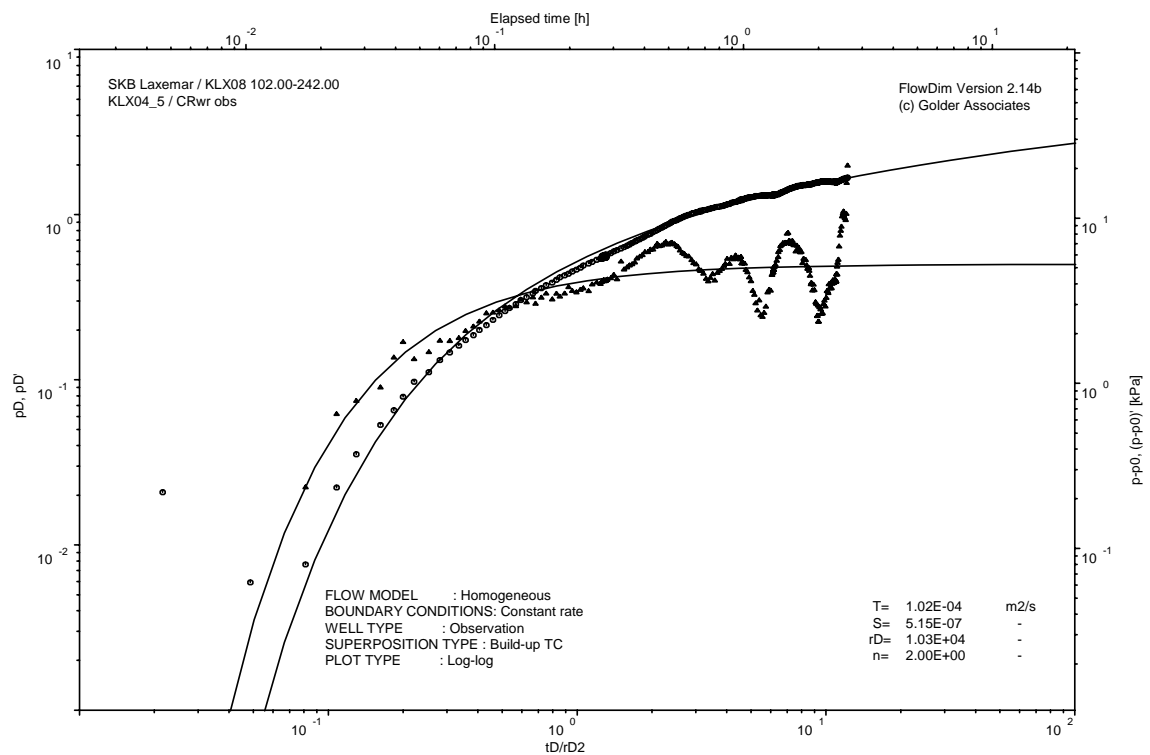
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and KLX04_5 507.00-530.00 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_5 507.00-530.00 m observed



CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_5 507.00-530.00 m observed

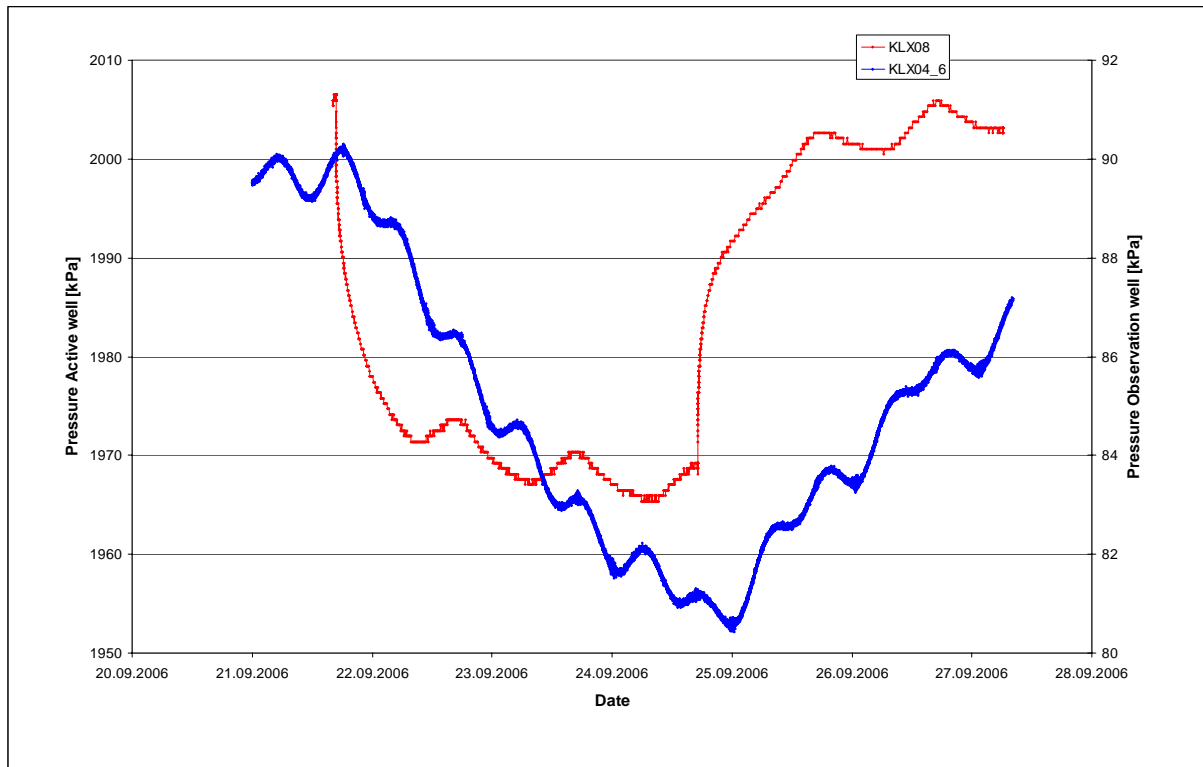
Pumped: KLX08 102.00-242.00 m
Observed: KLX04_6 231.00-506.00 m

Page 7-1-10/1

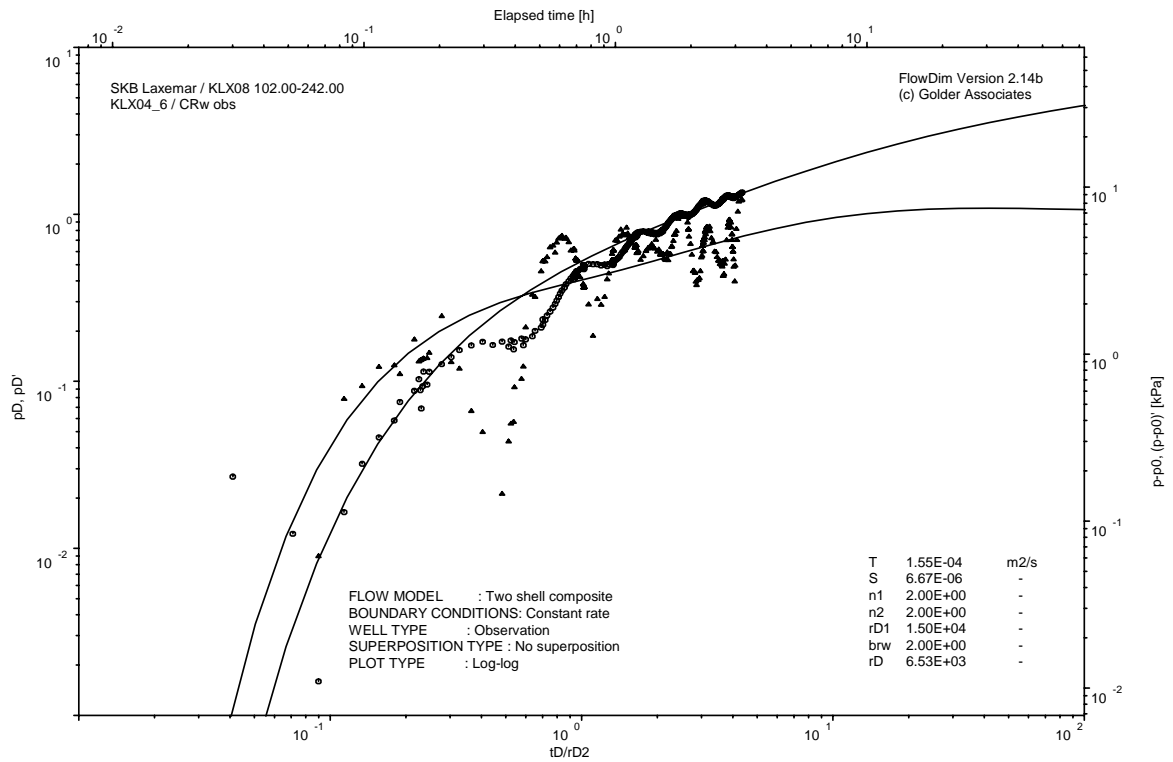
APPENDIX 7-1-10

KLX08 Section 102.00-242.00 m pumped
KLX04_6 231.00-506.00 m observed

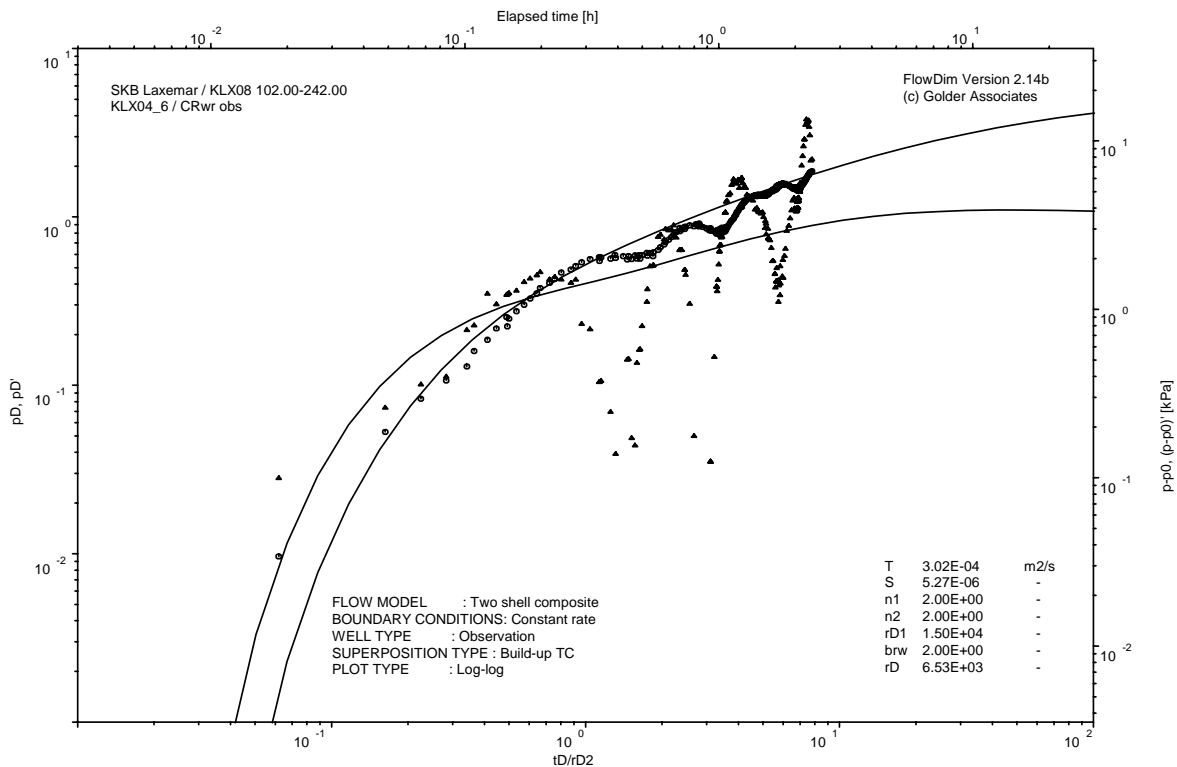
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and KLX04_6 231.00-506.00 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_6 231.00-506.00 m observed

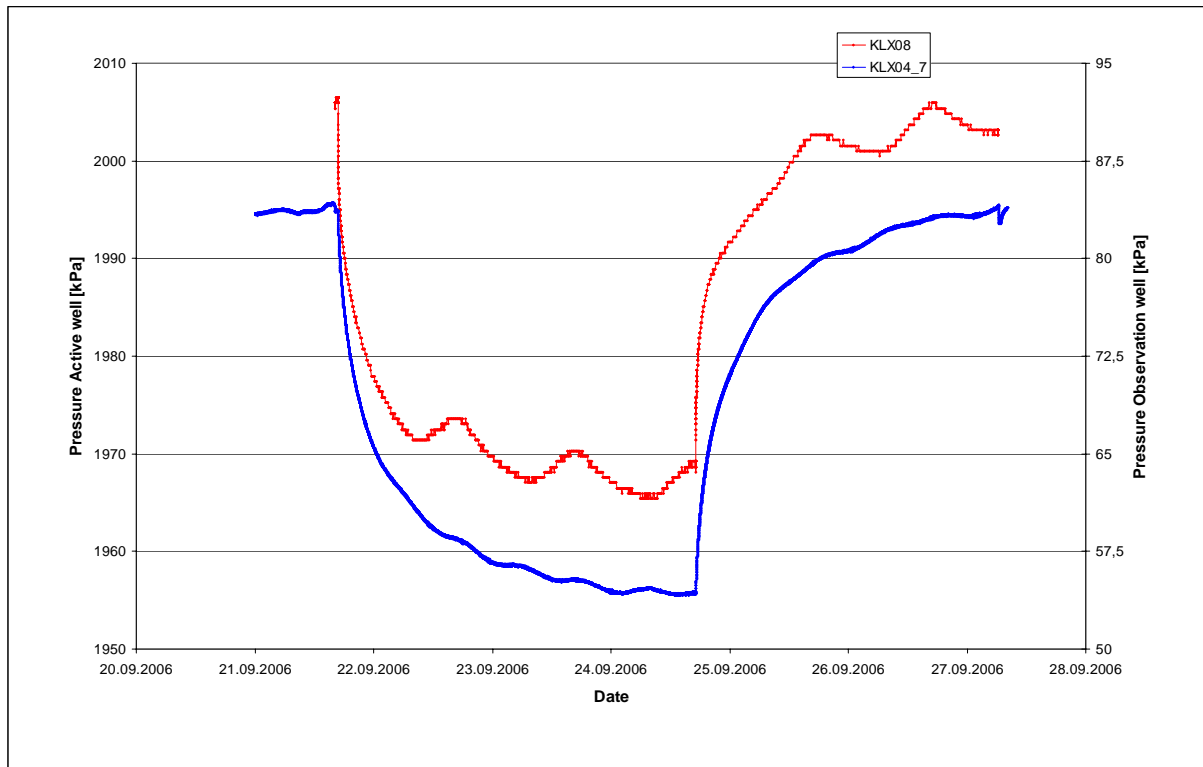


CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_6 231.00-506.00 m observed

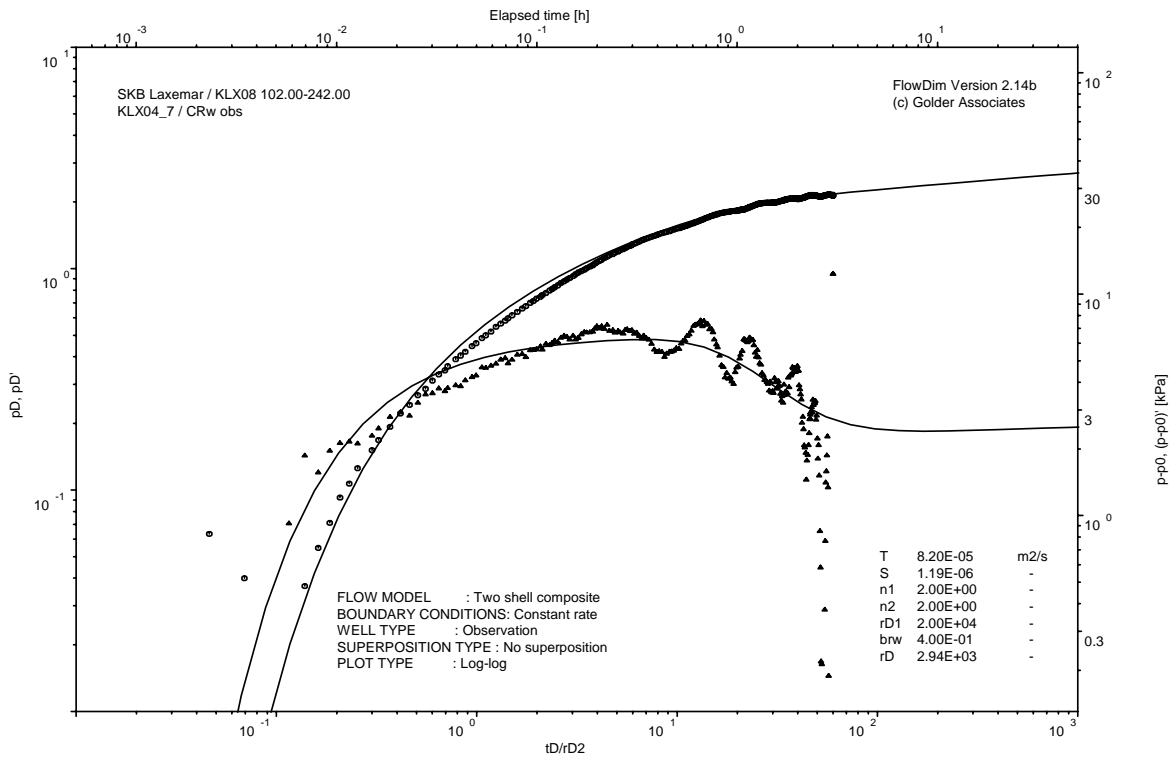
APPENDIX 7-1-11

KLX08 Section 102.00-242.00 m pumped
KLX04_7 163.00-230.00 m observed

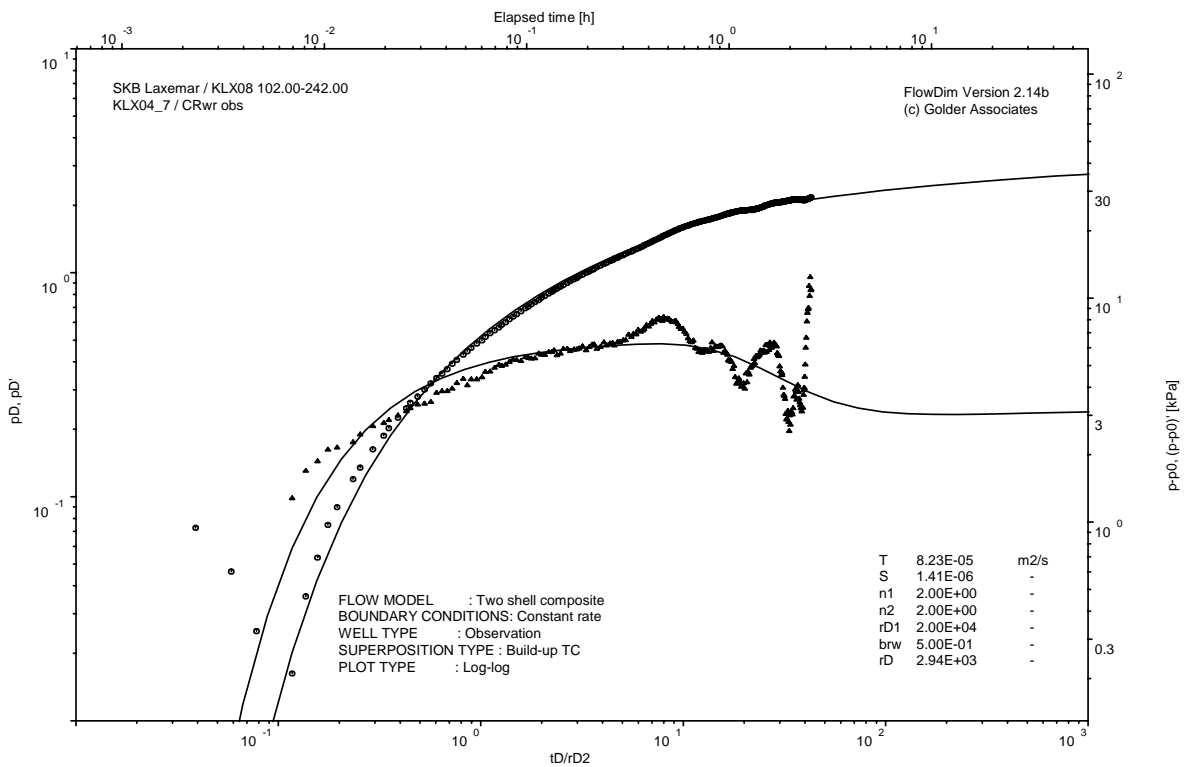
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and KLX04_7 163.00-230.00 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_7 163.00-230.00 m observed



CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_7 163.00-230.00 m observed

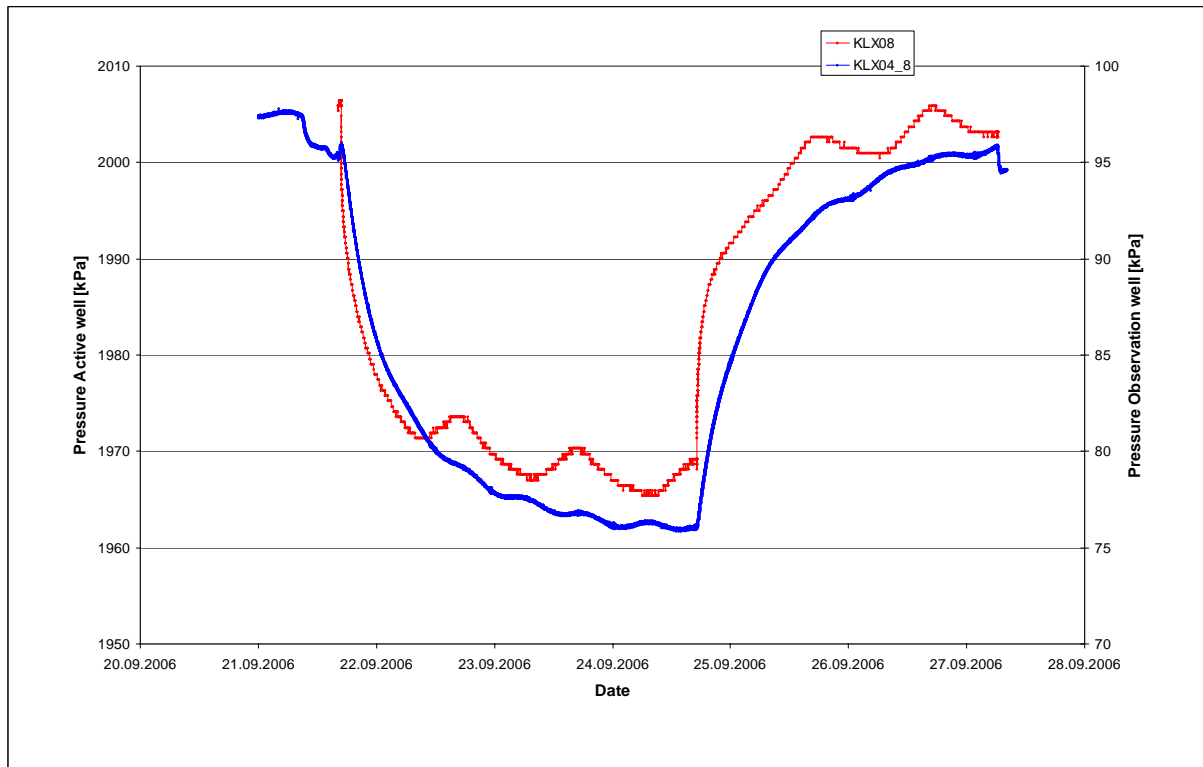
Pumped: KLX08 102.00-242.00 m
Observed: KLX04_8 12.24-162.00 m

Page 7-1-12/1

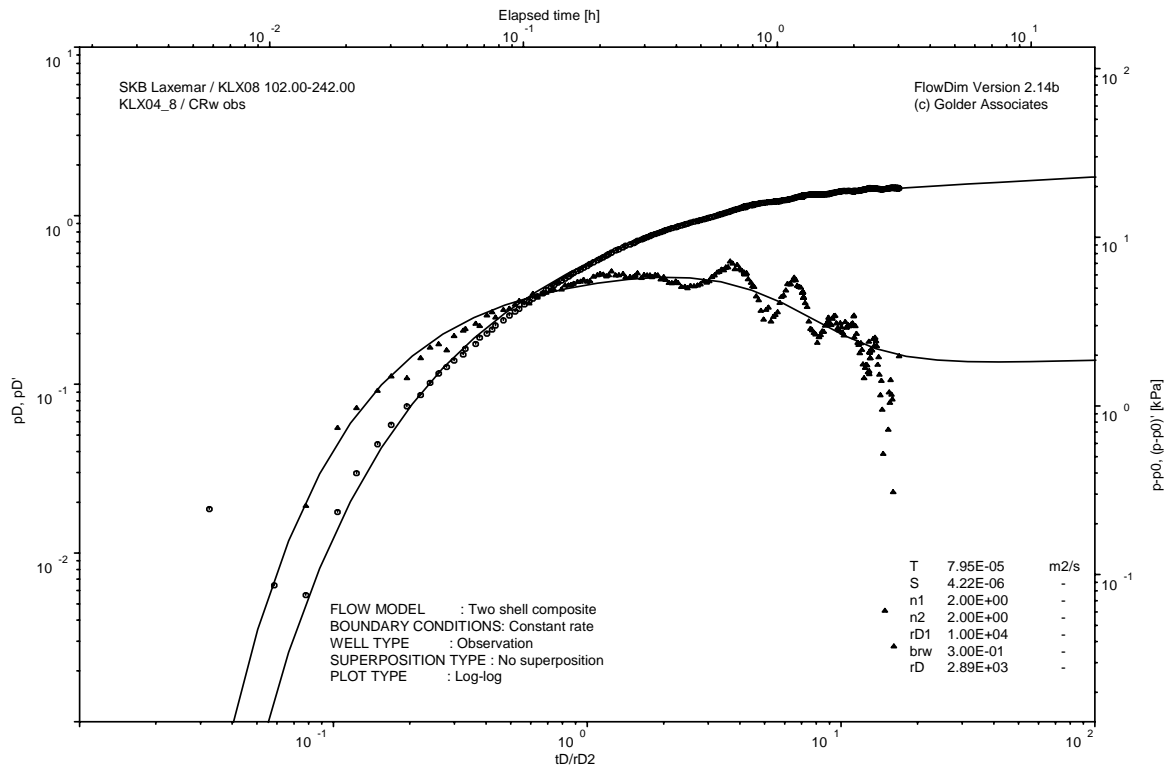
APPENDIX 7-1-12

KLX08 Section 102.00-242.00 m pumped
KLX04_8 12.24-162.00 m observed

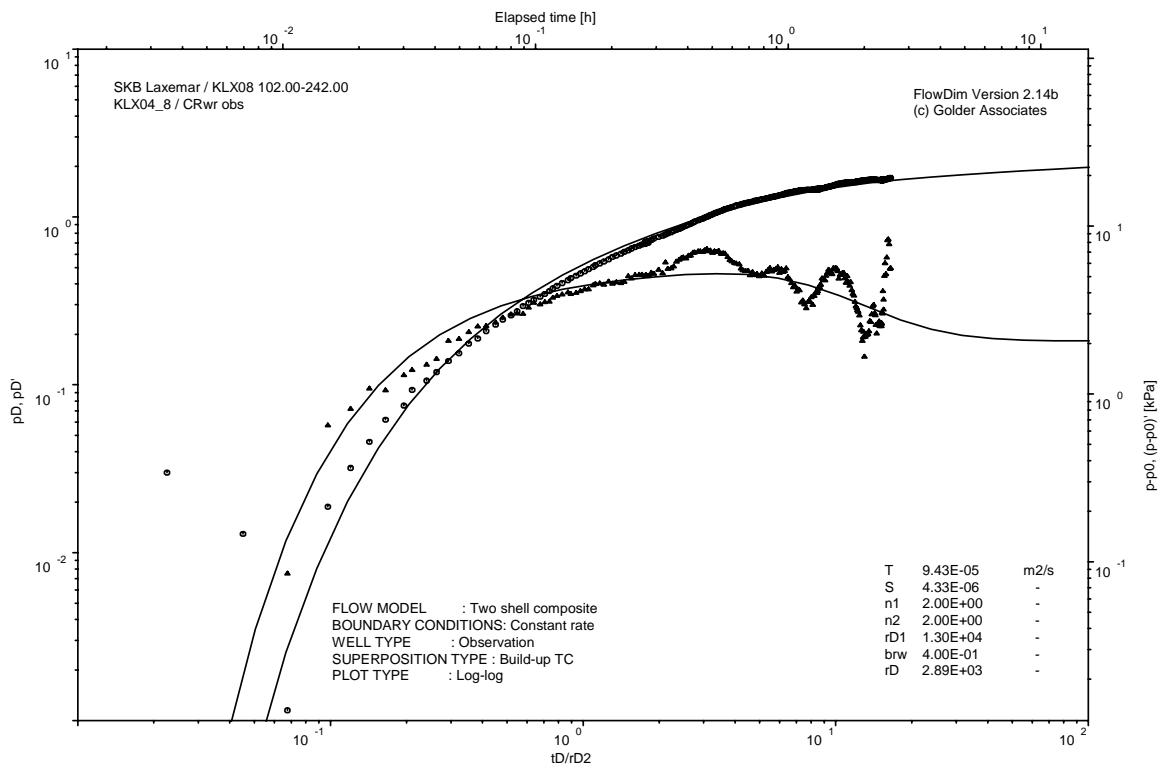
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 102.00-242.00 m pumped and KLX04_8 12.24-162.00 m observed



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_8 12.24-162.00 m observed



CRwr phase; log-log match; KLX08 102.00-242.00 m pumped and KLX04_8 12.24-162.00 m observed

Pumped: KLX08 102.00-242.00 m
Observed: KLX18A_2 241.00-439.00
m

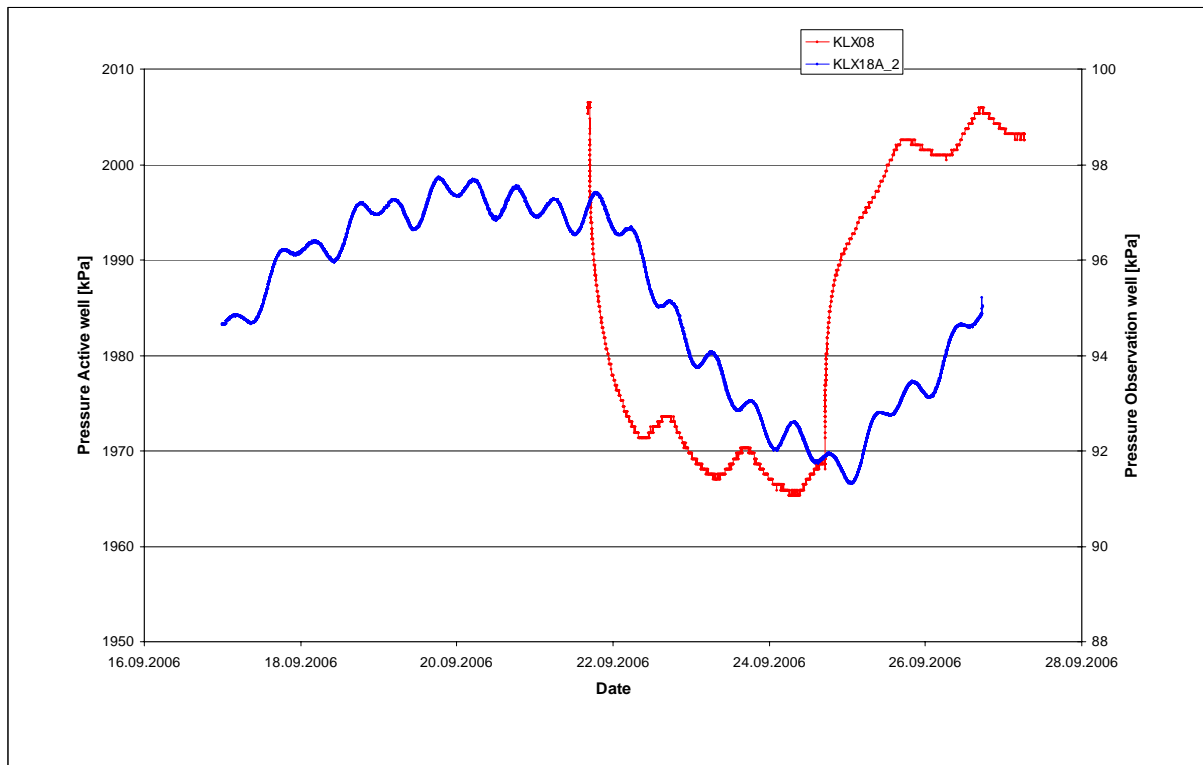
Page 7-1-13/1

APPENDIX 7-1-13

KLX08 Section 102.00-242.00 m pumped
KLX18A_2 241.00-439.00 m observed

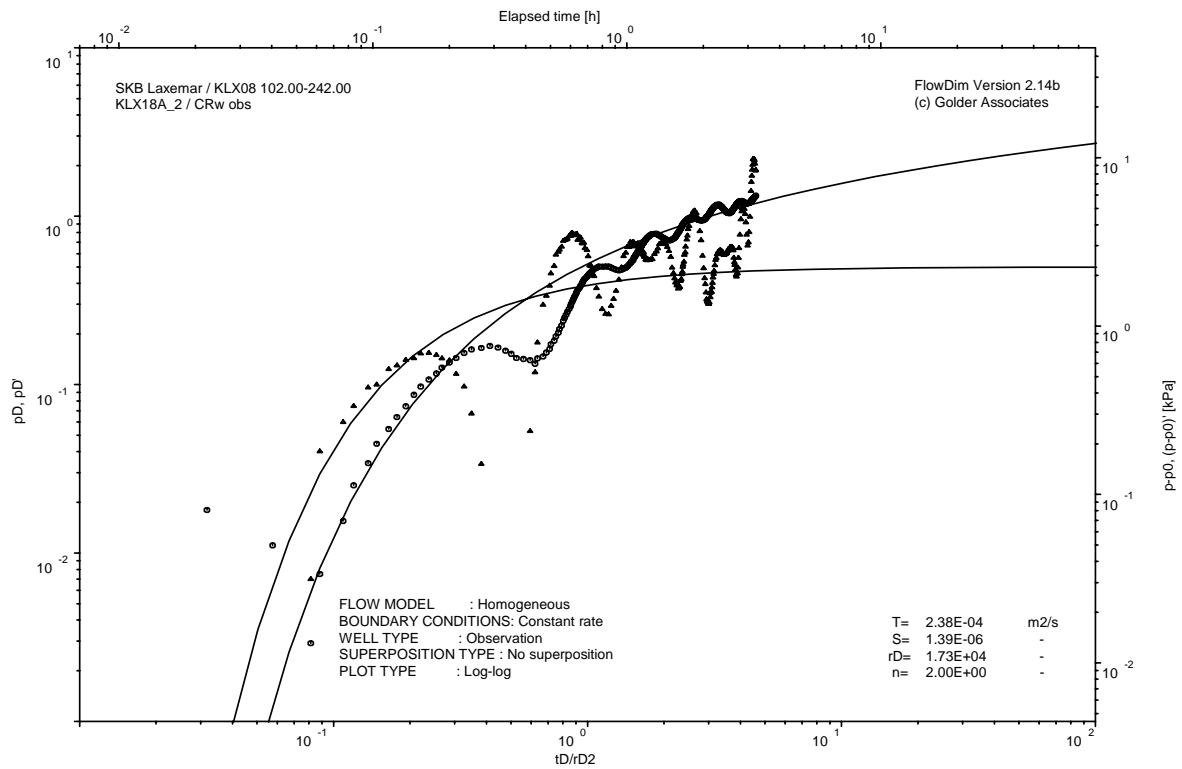
Observation hole
Test Analysis diagrams

Pumped: KLX08 102.00-242.00 m
Observed: KLX18A_2 241.00-439.00 m



Pressure vs. time; KLX08 102.00-242.00 m pumped and KLX18A_2 241.00-439.00 m observed

Pumped: KLX08 102.00-242.00 m
Observed: KLX18A_2 241.00-439.00 m



CRw phase; log-log match; KLX08 102.00-242.00 m pumped and KLX18A_2 241.00-439.00 m observed

CRwr phase; not analysed

Borehole: KLX08		
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APPENDIX 7-2

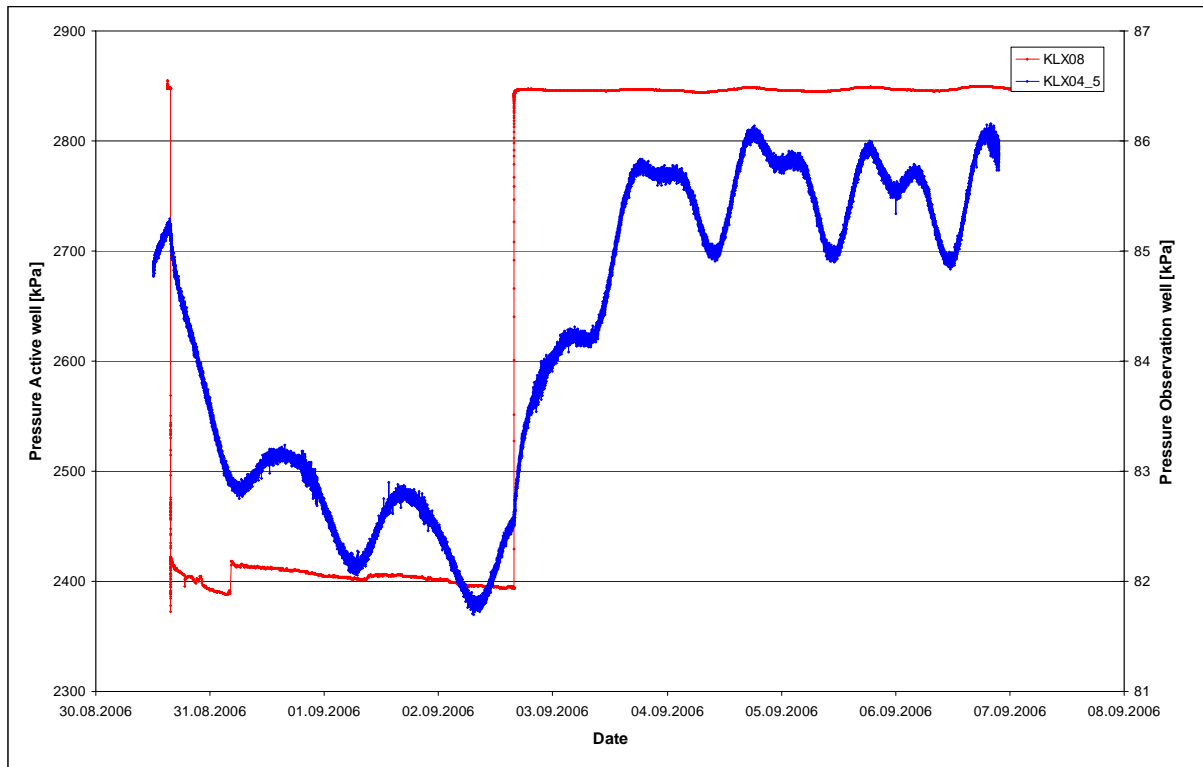
Test 241.00 – 341.00 m

Observation Hole Test Analyses diagrams

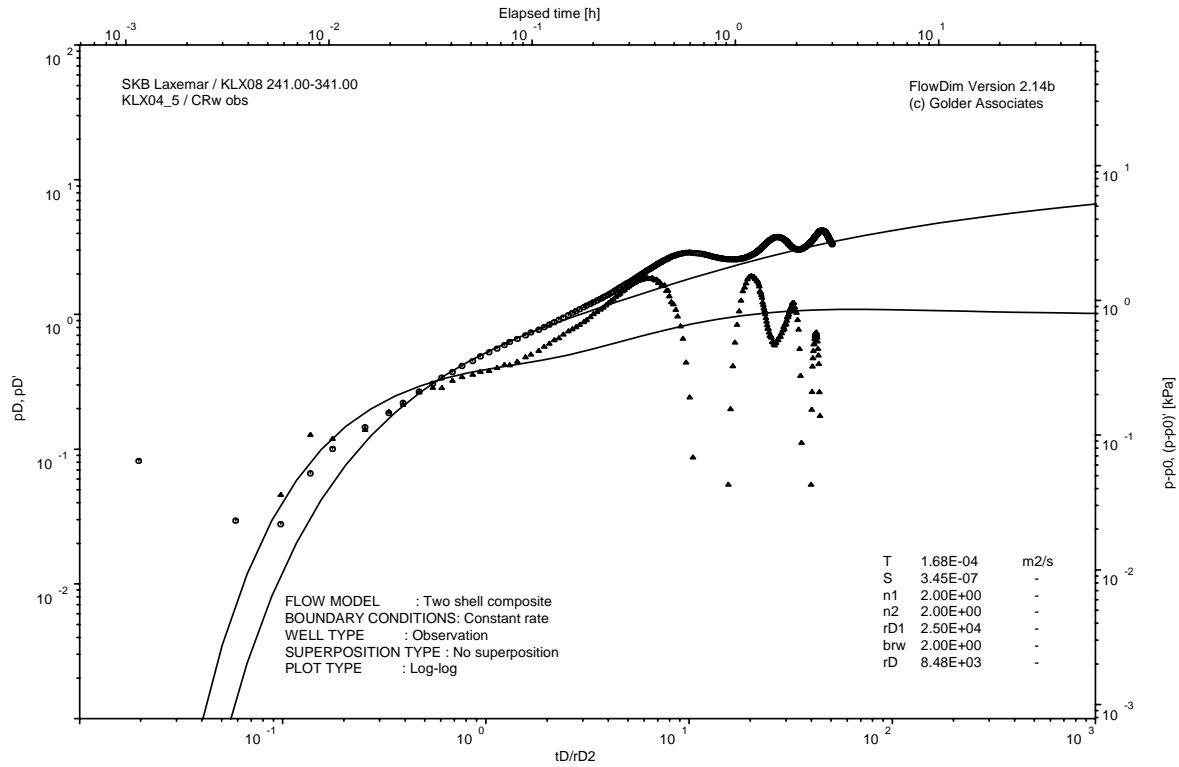
APPENDIX 7-2-1

KLX08 Section 241.00-341.00 m pumped
KLX04_5 507.00-530.00 m observed

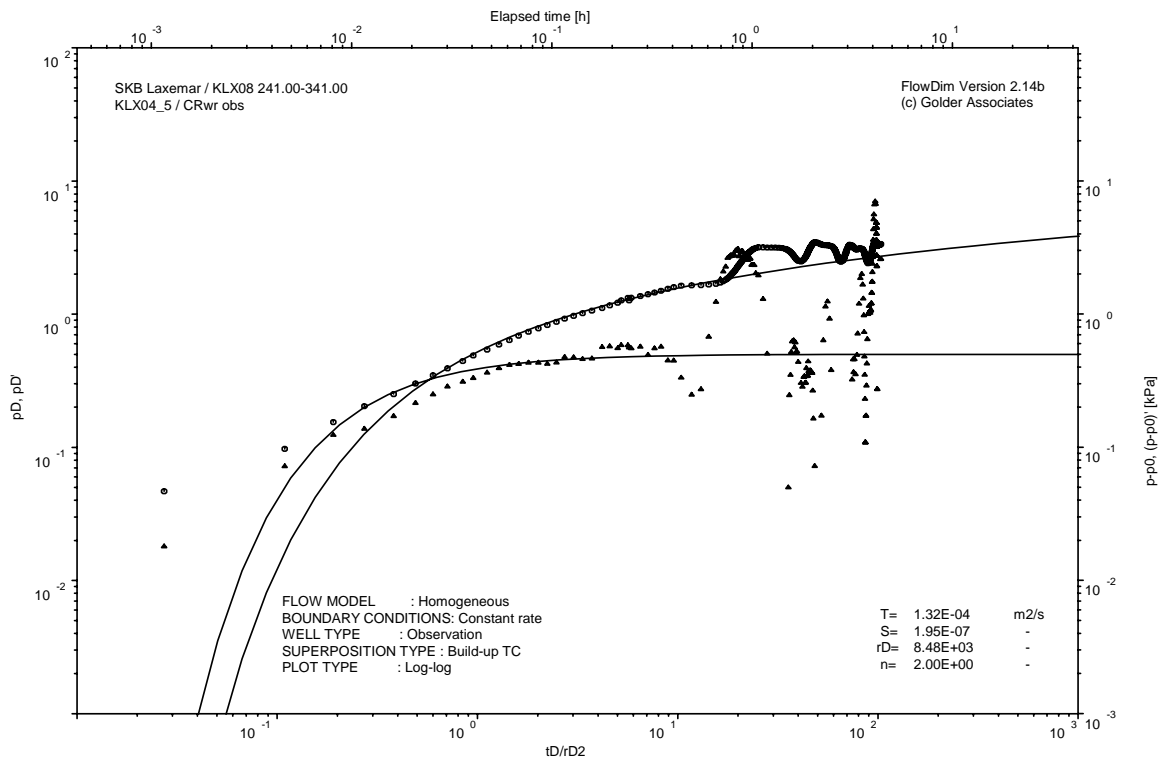
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 241.00-341.00 m pumped and KLX04_5 507.00-530.00 m observed



CRw phase; log-log match; KLX08 241.00-341.00 m pumped and KLX04_5 507.00-530.00 m observed

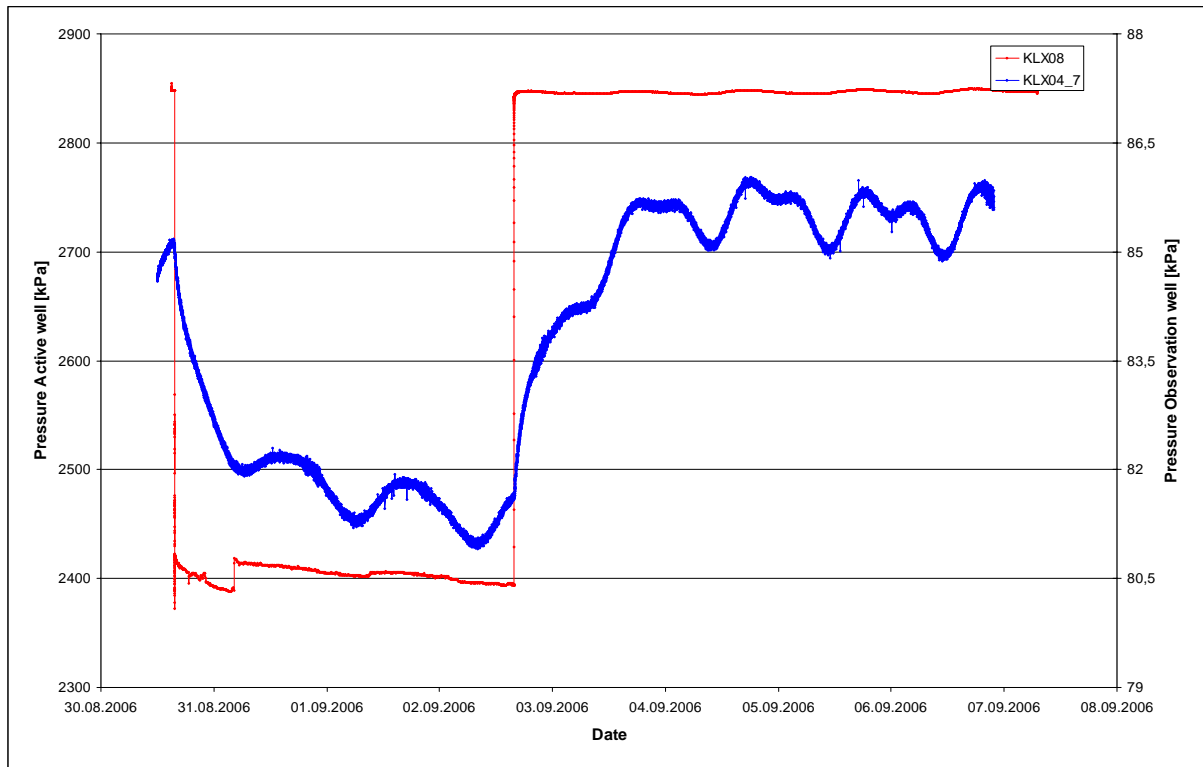


CRwr phase; log-log match; KLX08 241.00-341.00 m pumped and KLX04_5 507.00-530.00 m observed

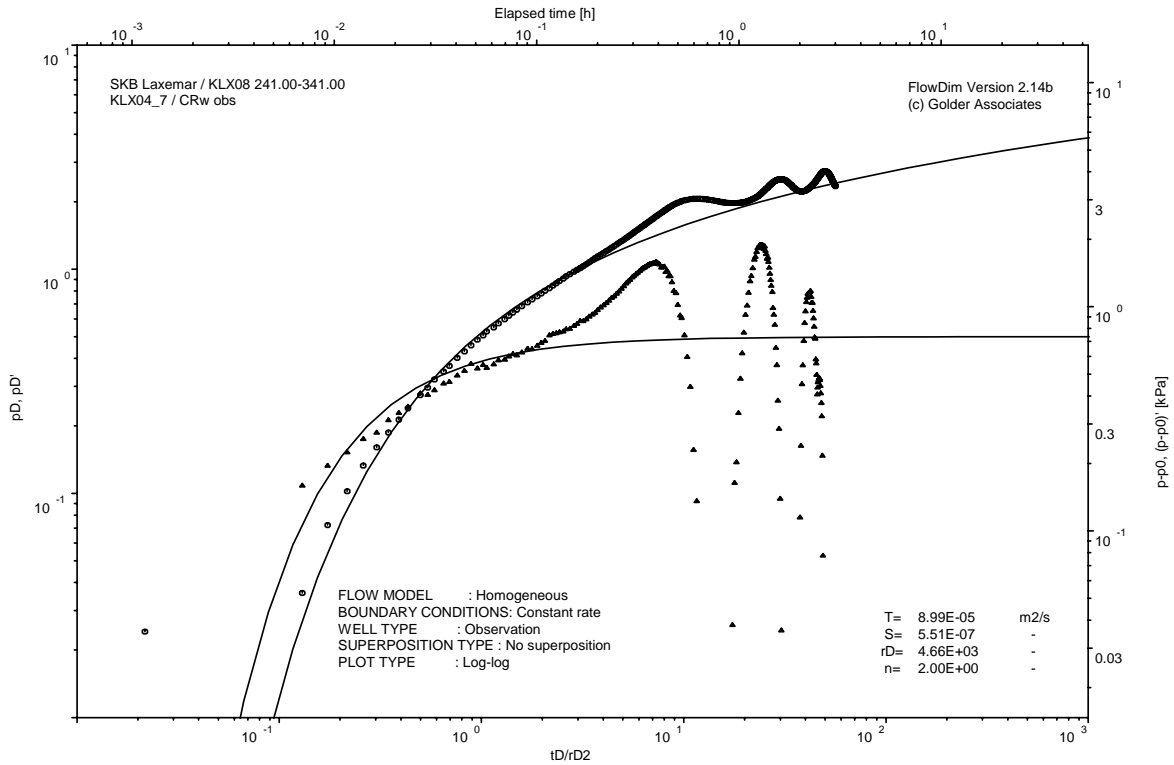
APPENDIX 7-2-2

KLX08 Section 241.00-341.00 m pumped
KLX04_7 163.00-230.00 m observed

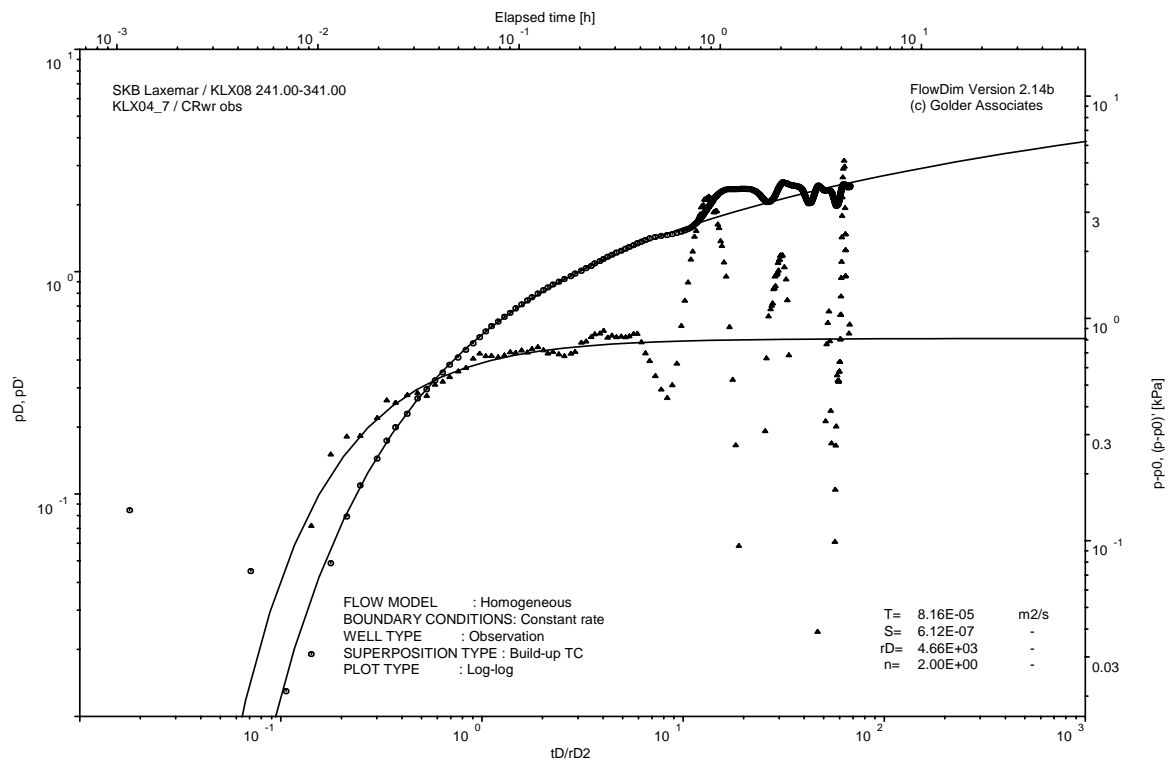
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 241.00-341.00 m pumped and KLX04_7 163.00-230.00 m observed



CRw phase; log-log match; KLX08 241.00-341.00 m pumped and KLX04_7 163.00-230.00 m observed



CRwr phase; log-log match; KLX08 241.00-341.00 m pumped and KLX04_7 163.00-230.00 m observed

Borehole: KLX08		
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APPENDIX 7-3

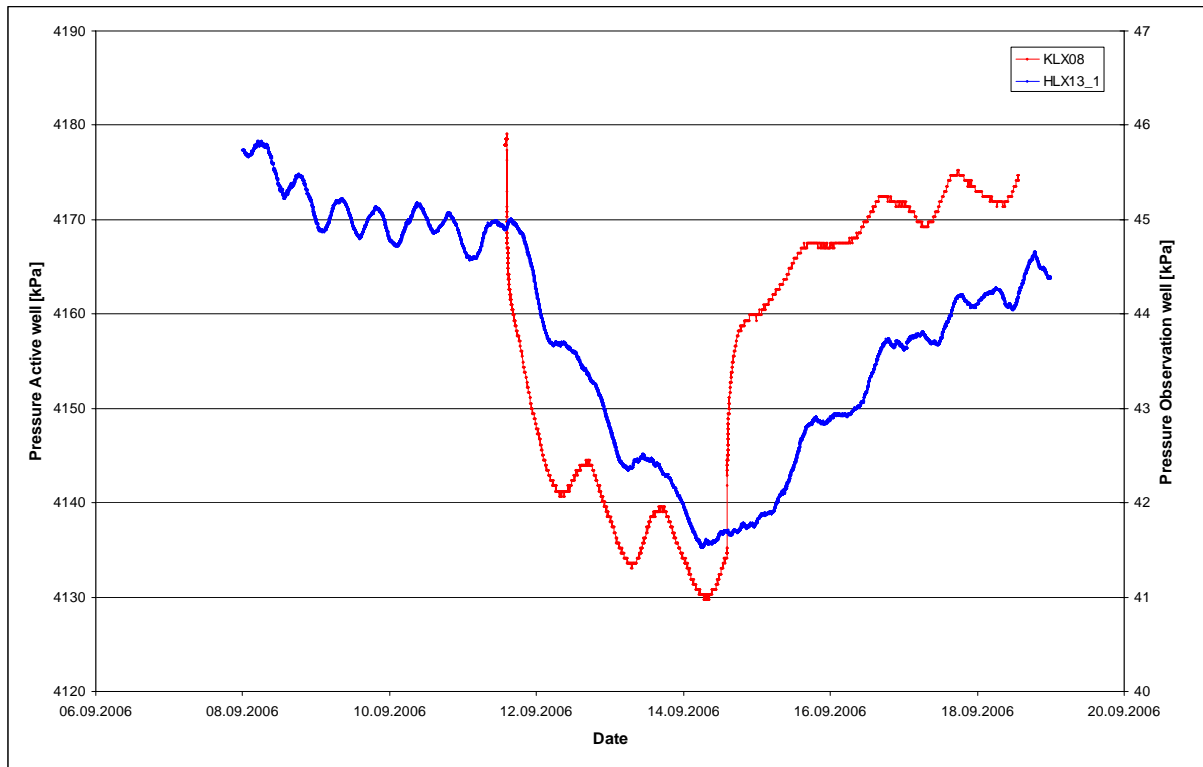
Test 357.00 – 497.00 m

Observation Hole Test Analyses diagrams

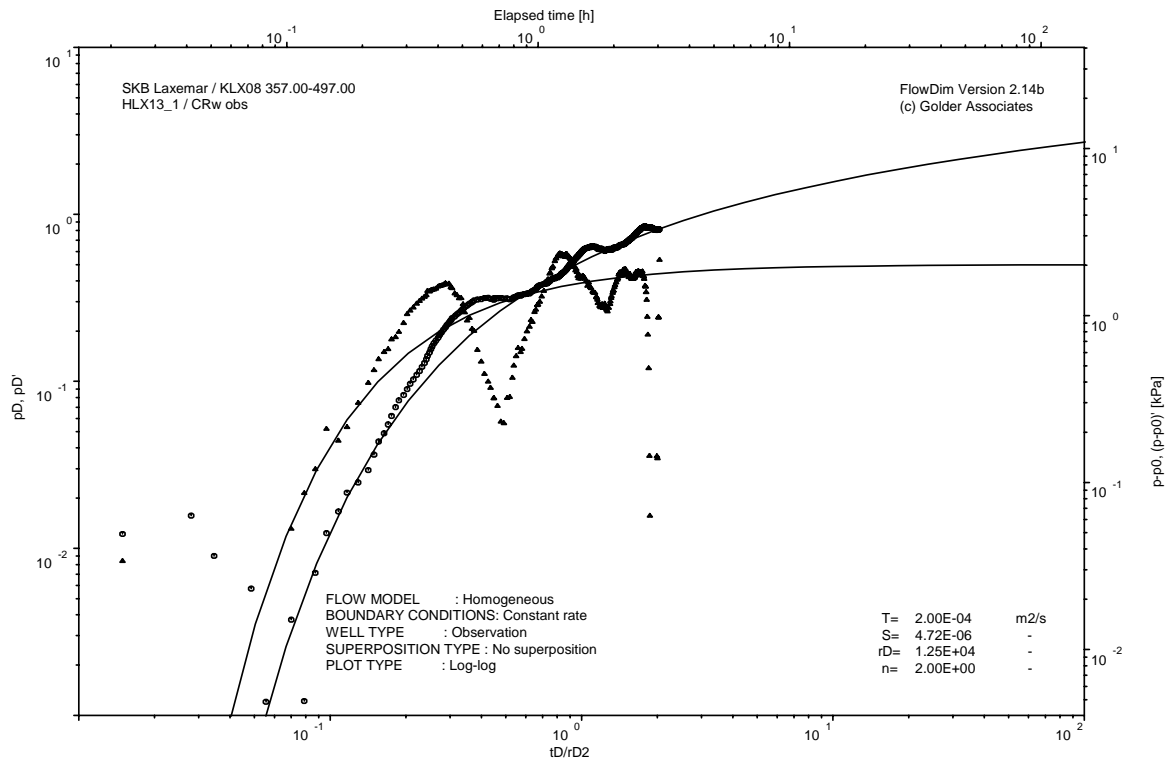
APPENDIX 7-3-1

KLX08 Section 357.00-497.00 m pumped
HLX13_1 12.00-200.20 m observed

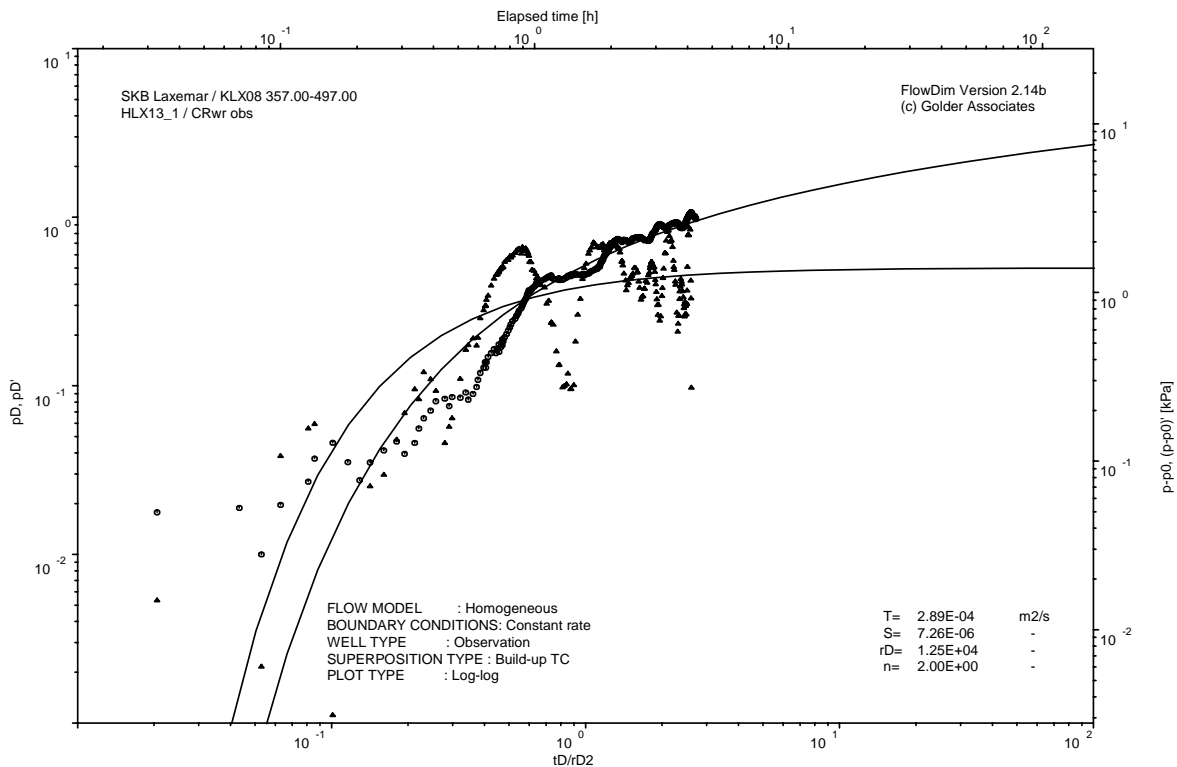
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and HLX13_1 12.00-200.20 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and HLX13_1 12.00-200.20 m observed

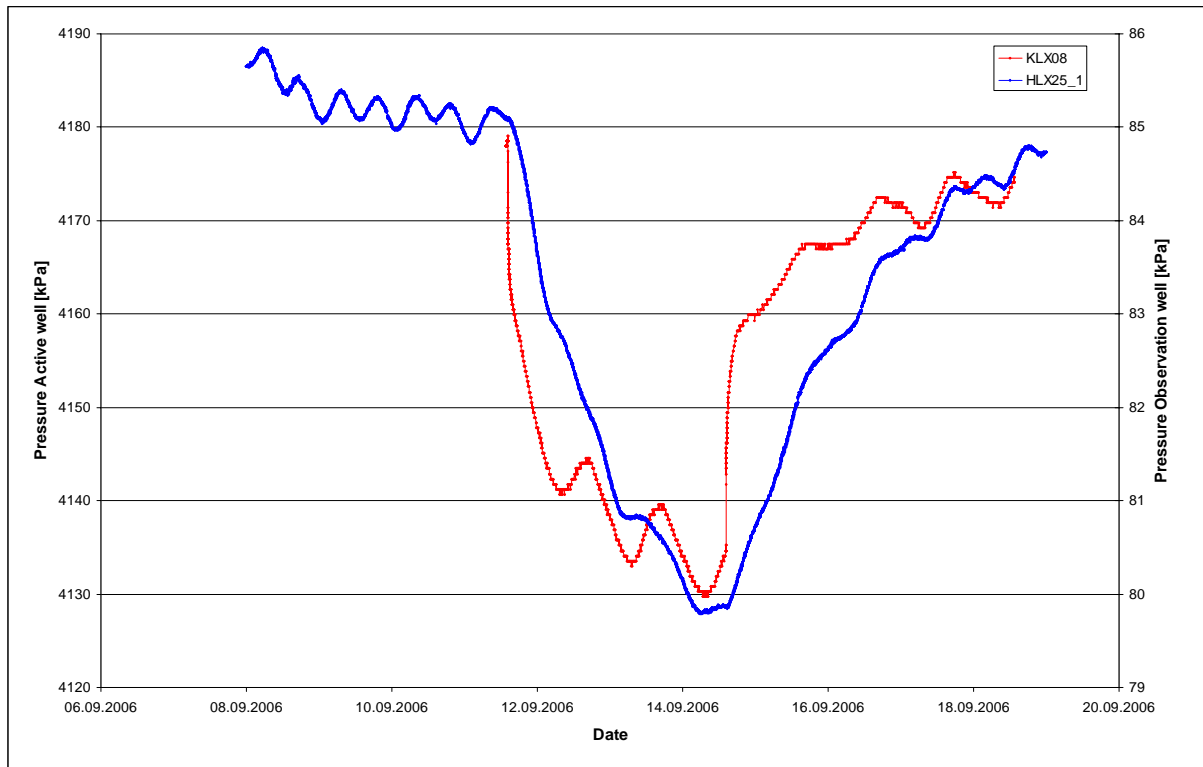


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and HLX13_1 12.00-200.20 m observed

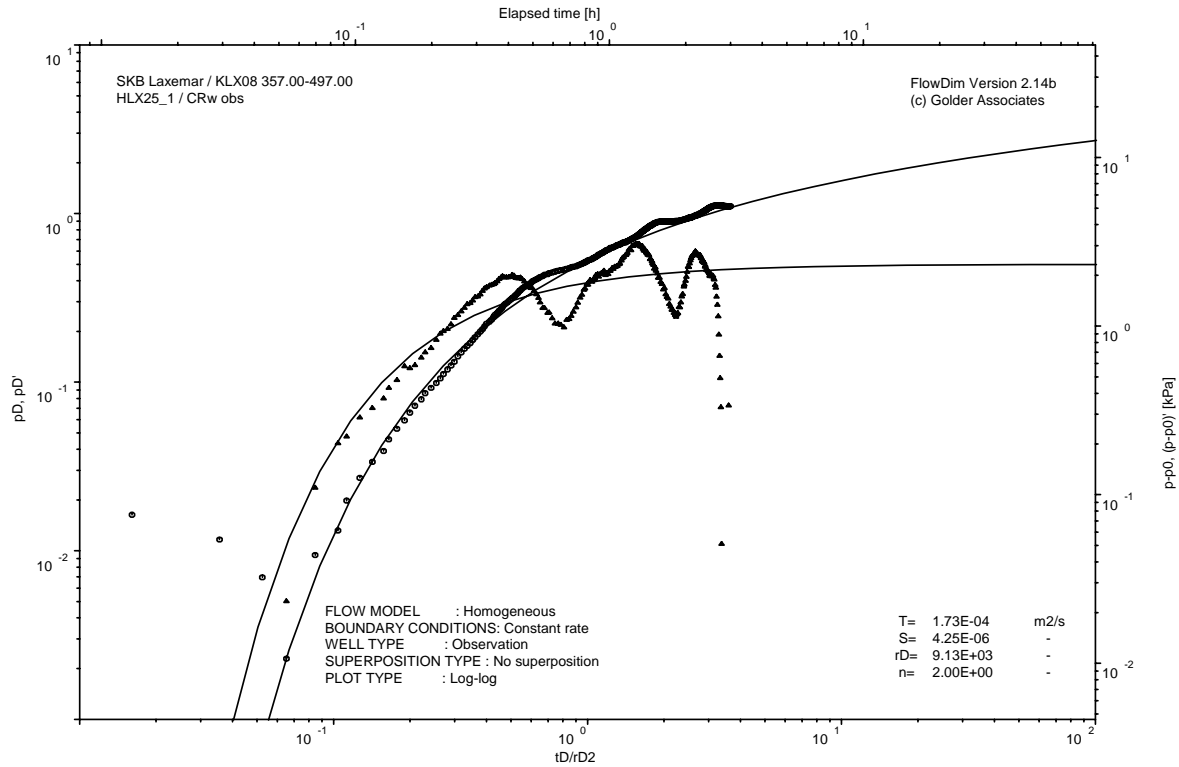
APPENDIX 7-3-2

KLX08 Section 357.00-497.00 m pumped
HLX25_1 61.00-202.50 m observed

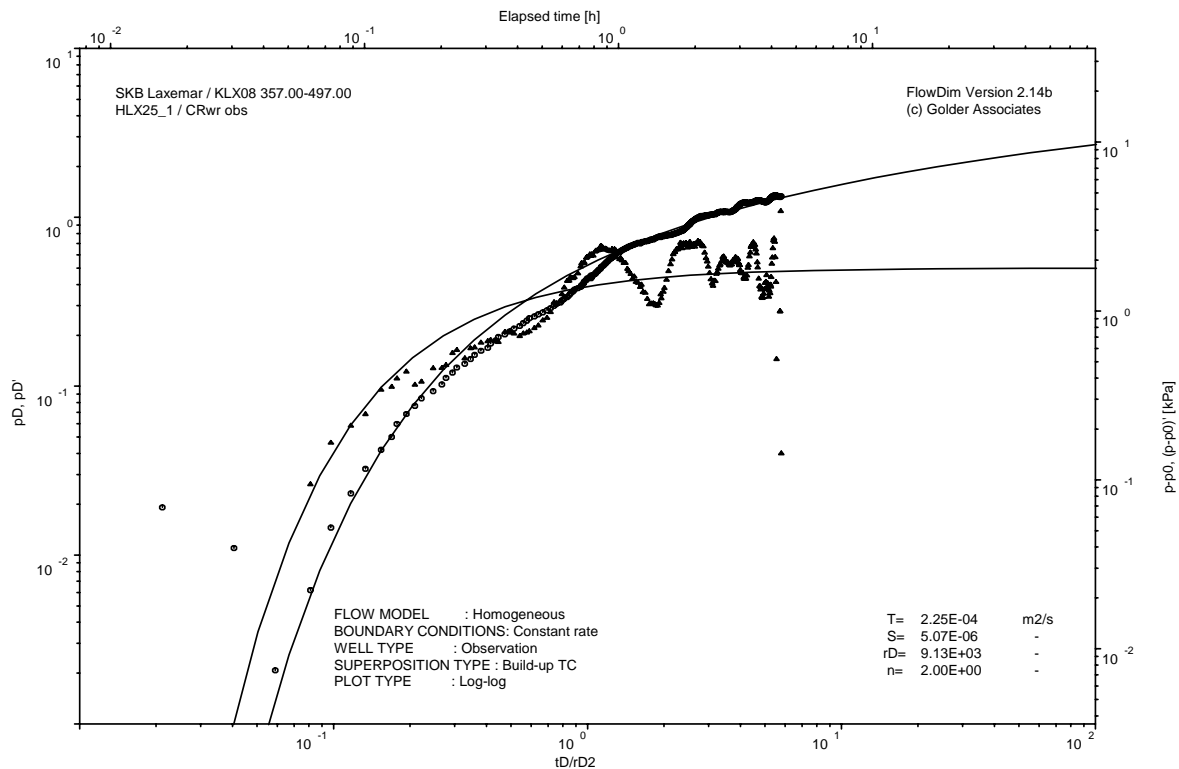
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and HLX25_1 61.00-202.50 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and HLX25_1 61.00-202.50 m observed

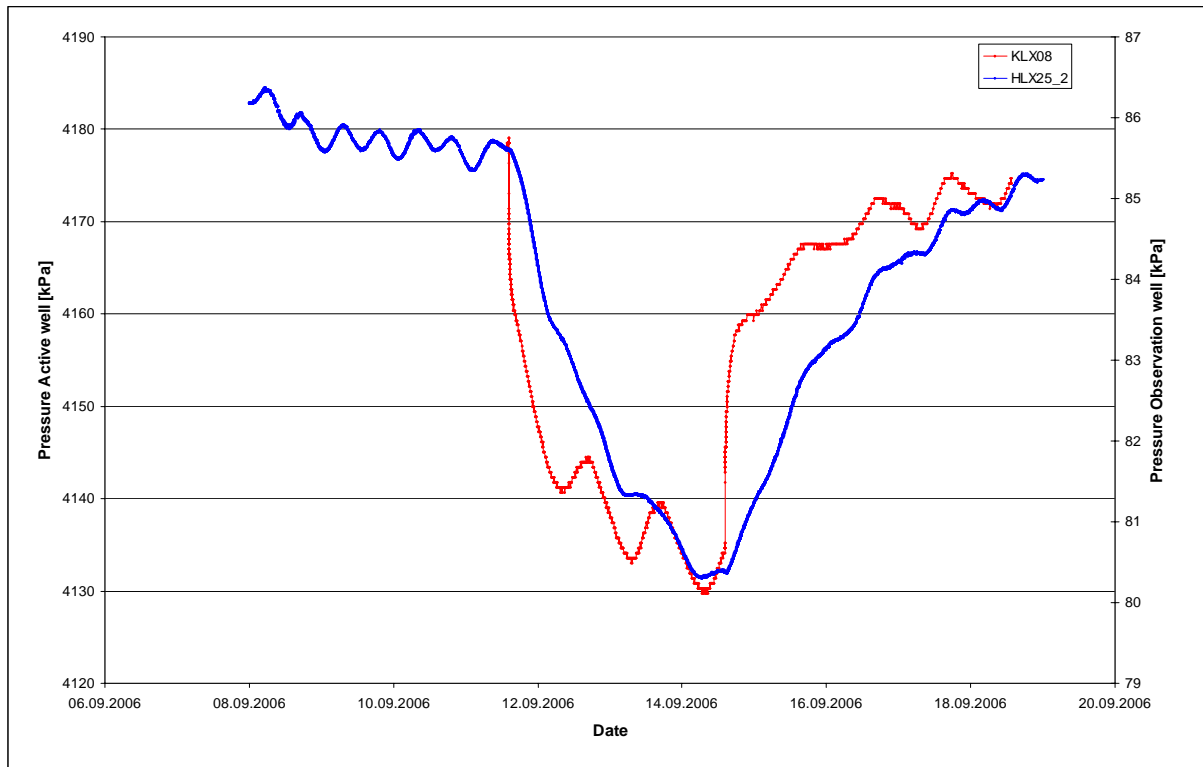


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and HLX25_1 61.00-202.50 m observed

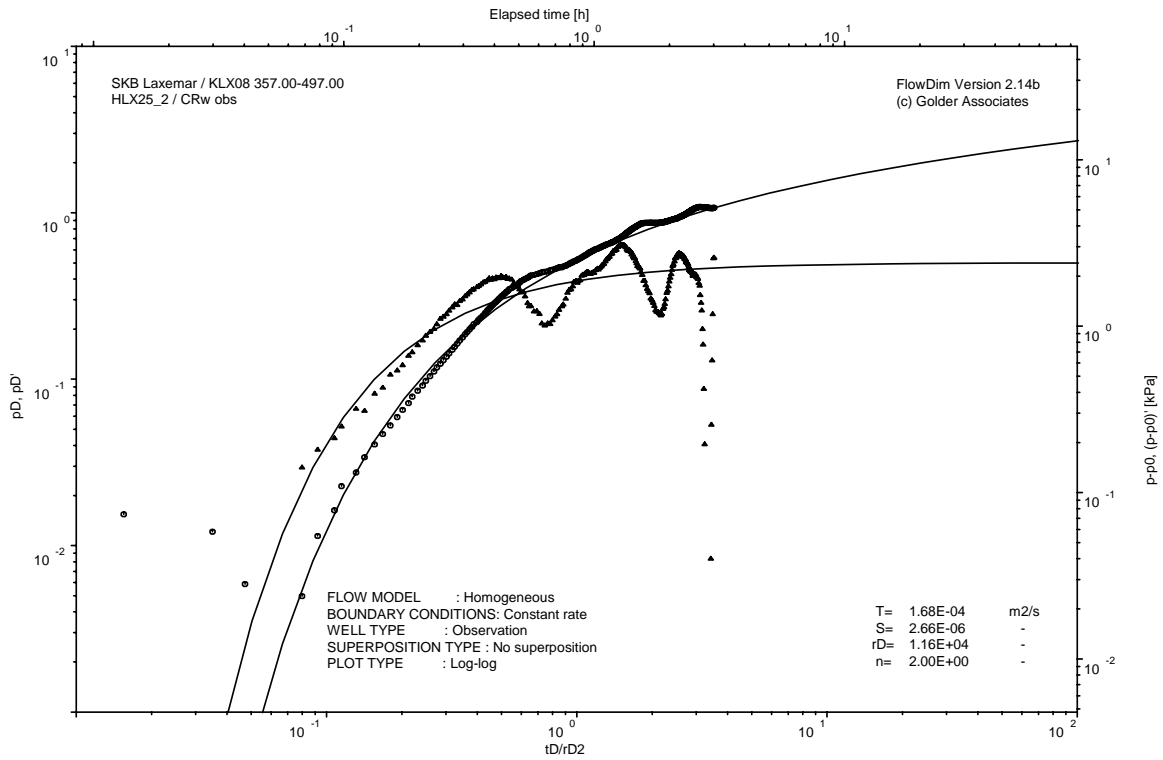
APPENDIX 7-3-3

KLX08 Section 357.00-497.00 m pumped
HLX25_2 6.12-60.00 m observed

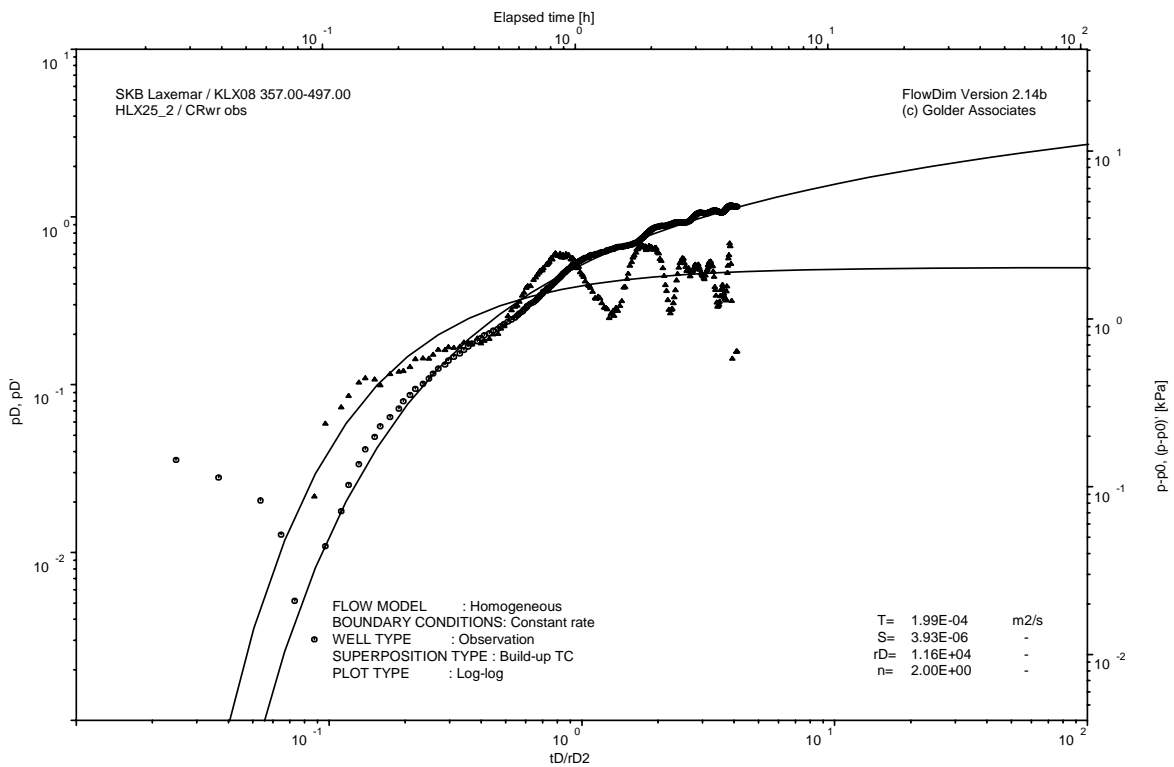
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and HLX25_2 6.12-60.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and HLX25_2 6.12-60.00 m observed

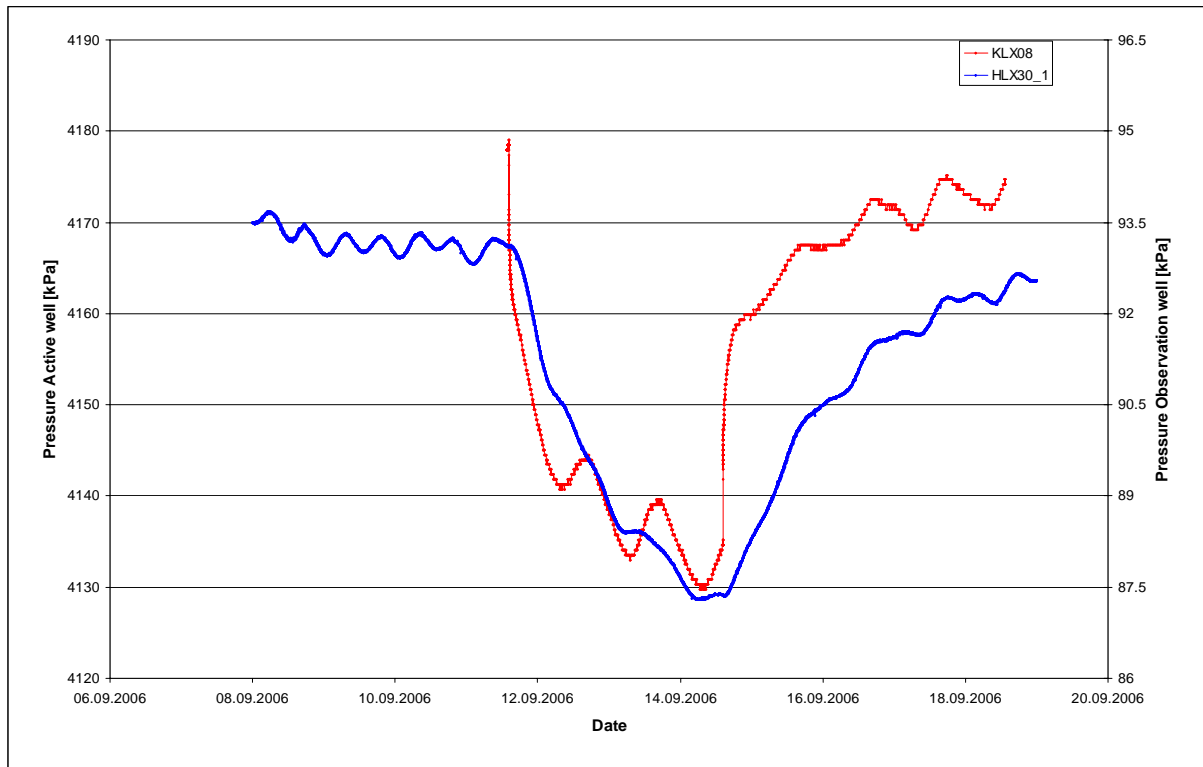


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and HLX25_2 6.12-60.00 m observed

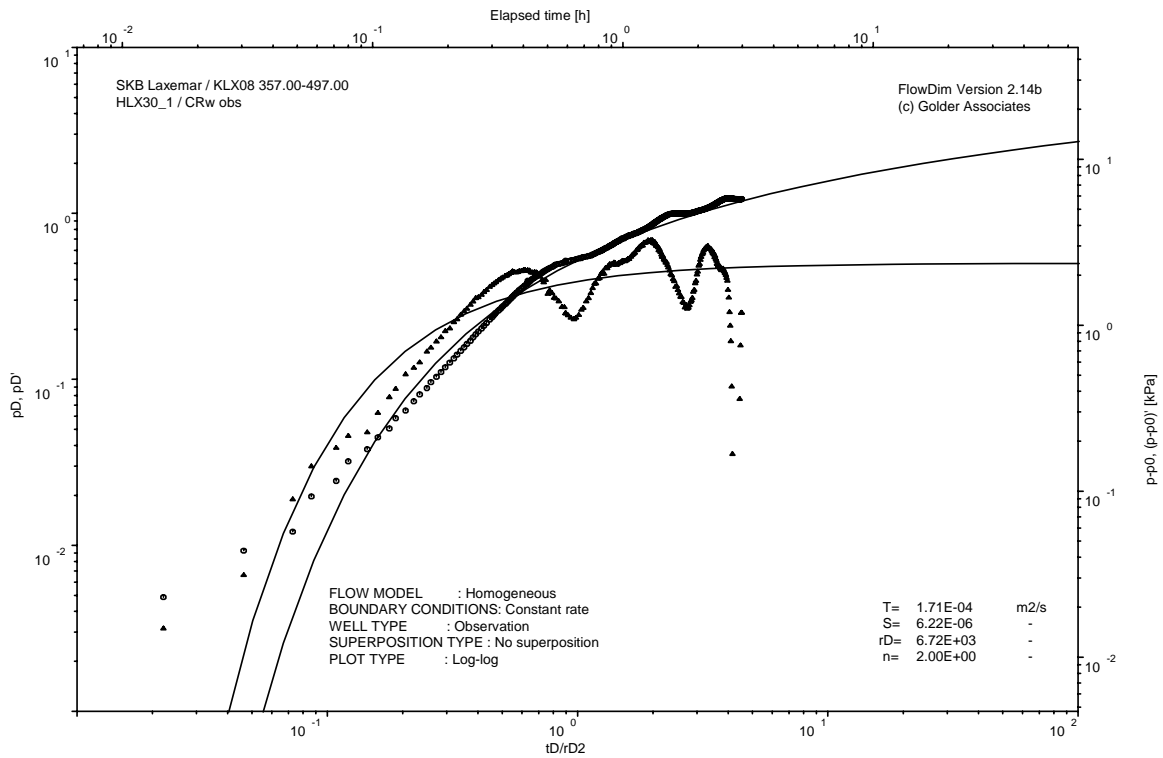
APPENDIX 7-3-4

KLX08 Section 357.00-497.00 m pumped
HLX30_1 101.00-163.40 m observed

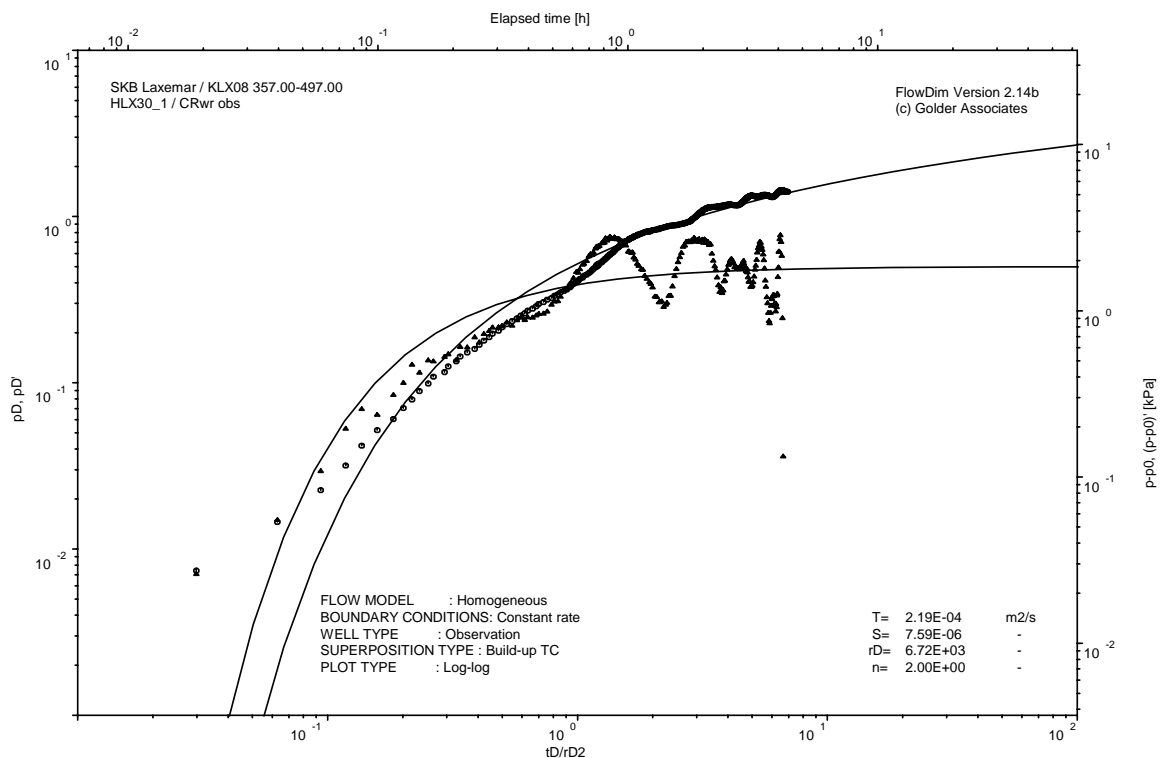
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and HLX30_1 101.00-163.40 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and HLX30_1 101.00-163.40 m observed

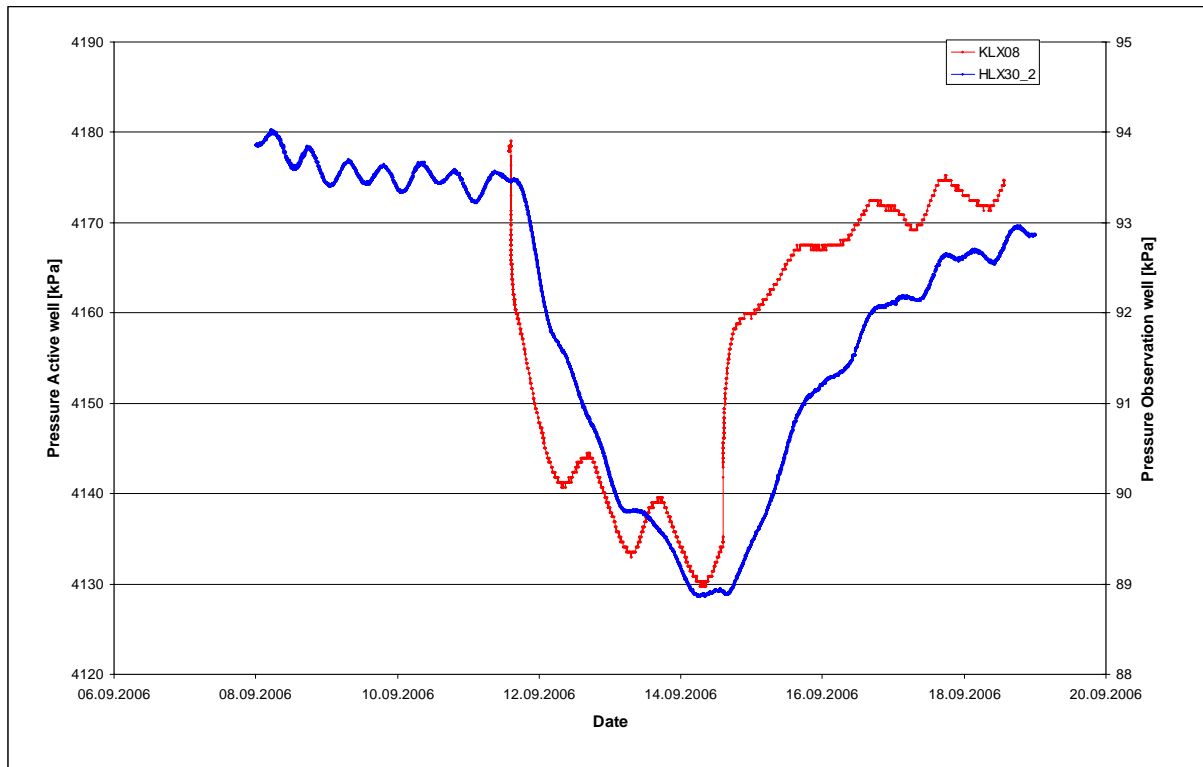


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and HLX30_1 101.00-163.40 m observed

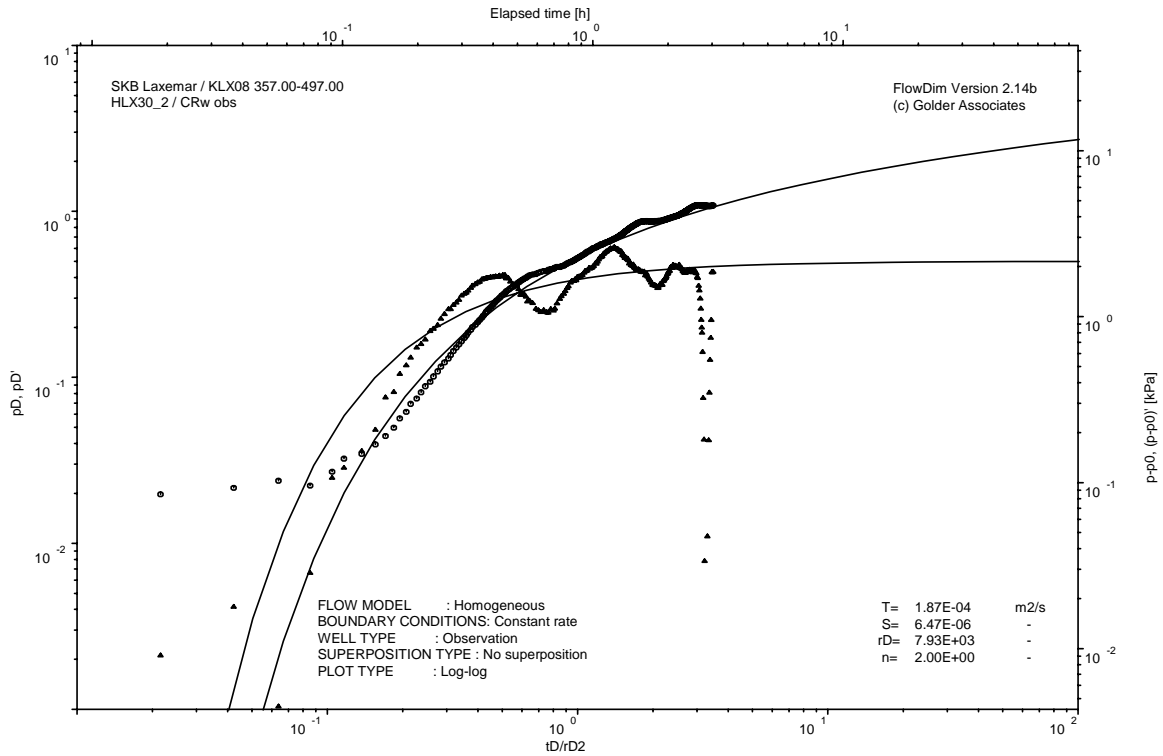
APPENDIX 7-3-5

KLX08 Section 357.00-497.00 m pumped
HLX30_2 9.10-100.00 m observed

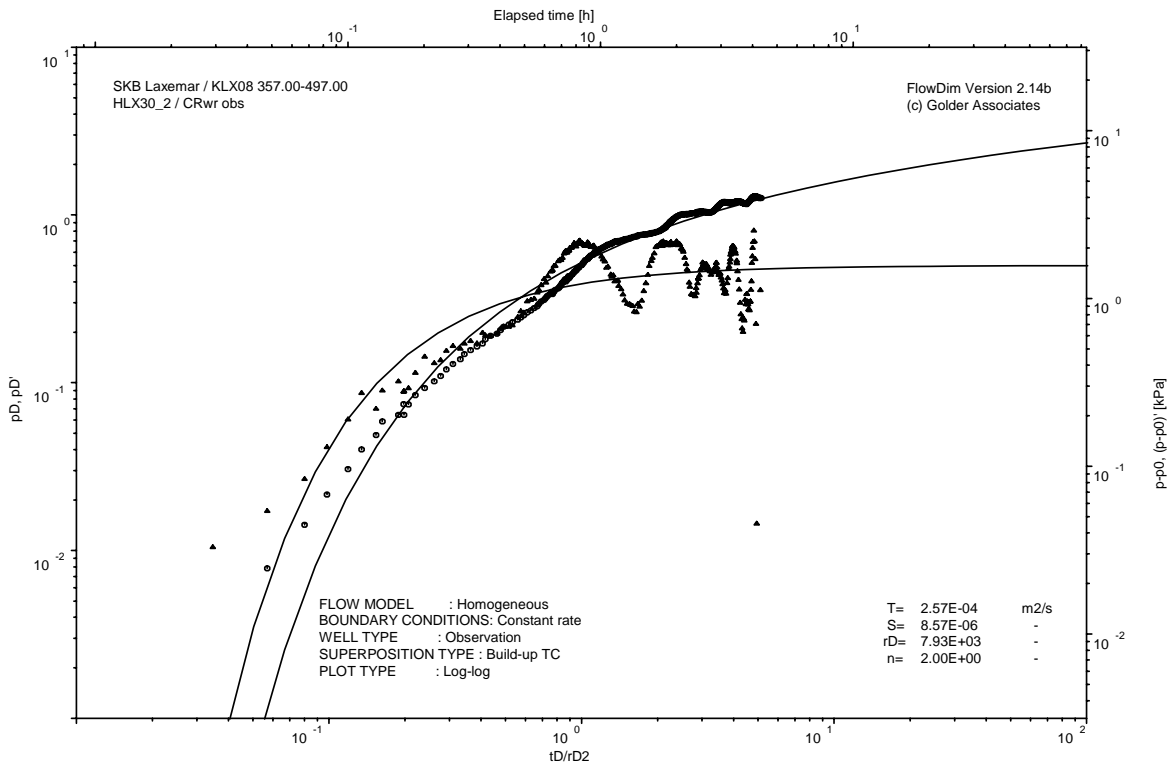
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and HLX30_2 9.10-100.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and HLX30_2 9.10-100.00 m observed

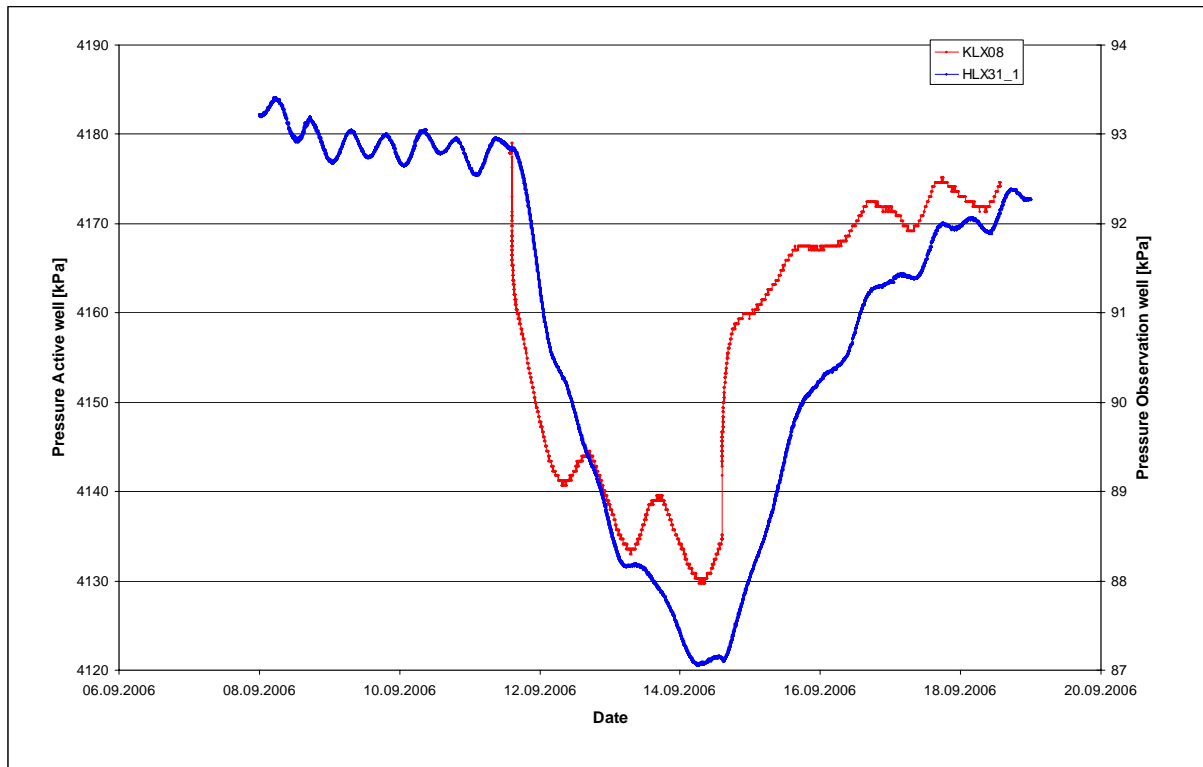


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and HLX30_2 9.10-100.00 m observed

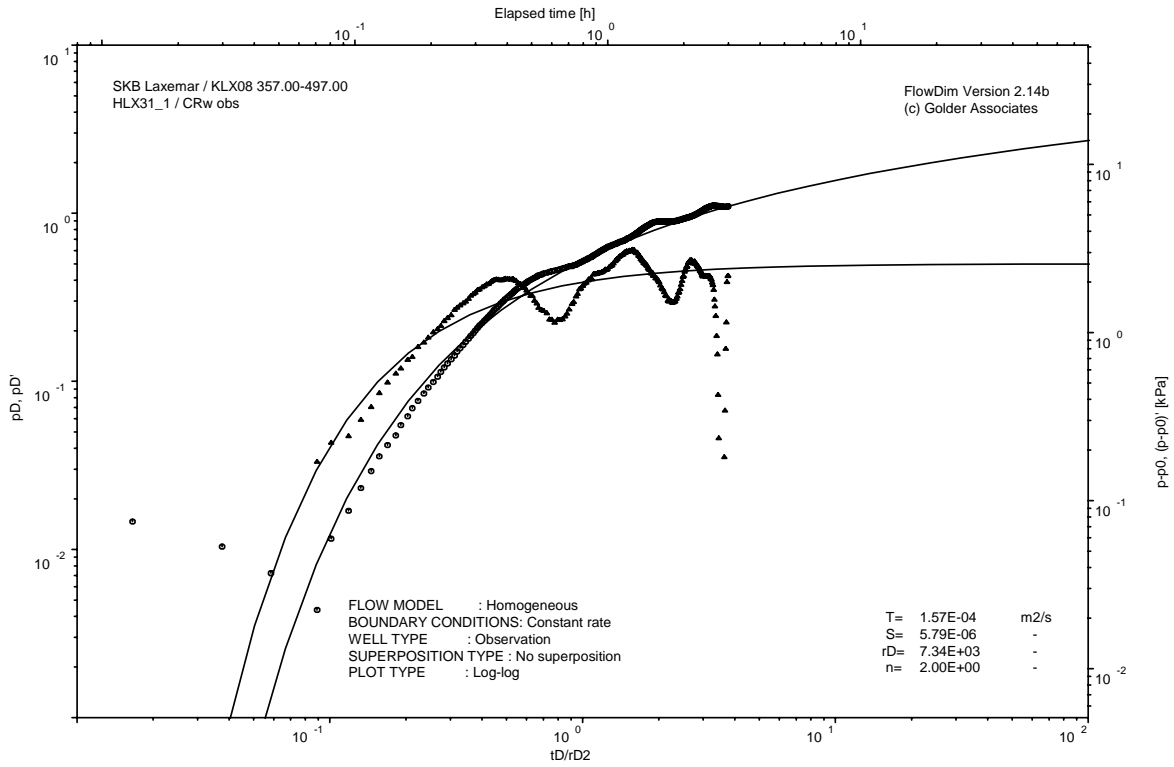
APPENDIX 7-3-6

KLX08 Section 357.00-497.00 m pumped
HLX31_1 9.10-133.20 m observed

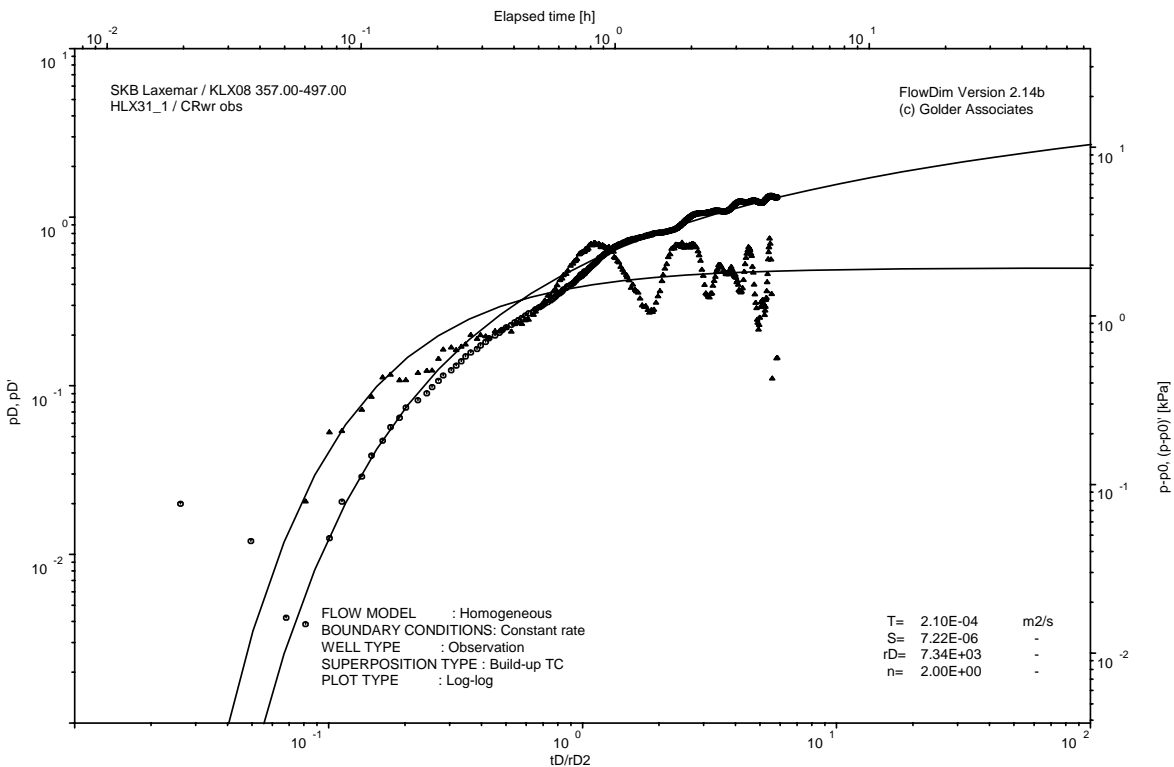
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and HLX31_1 9.10-133.20 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and HLX31_1 9.10-133.20 m observed

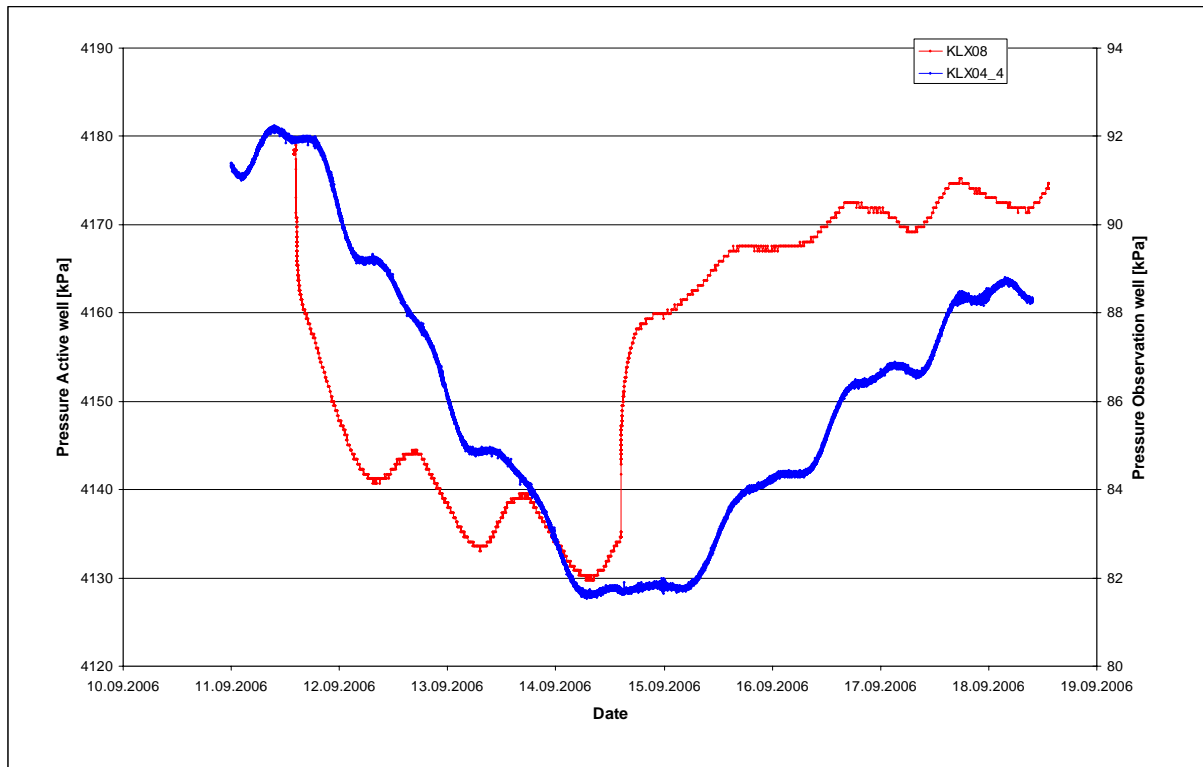


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and HLX31_1 9.10-133.20 m observed

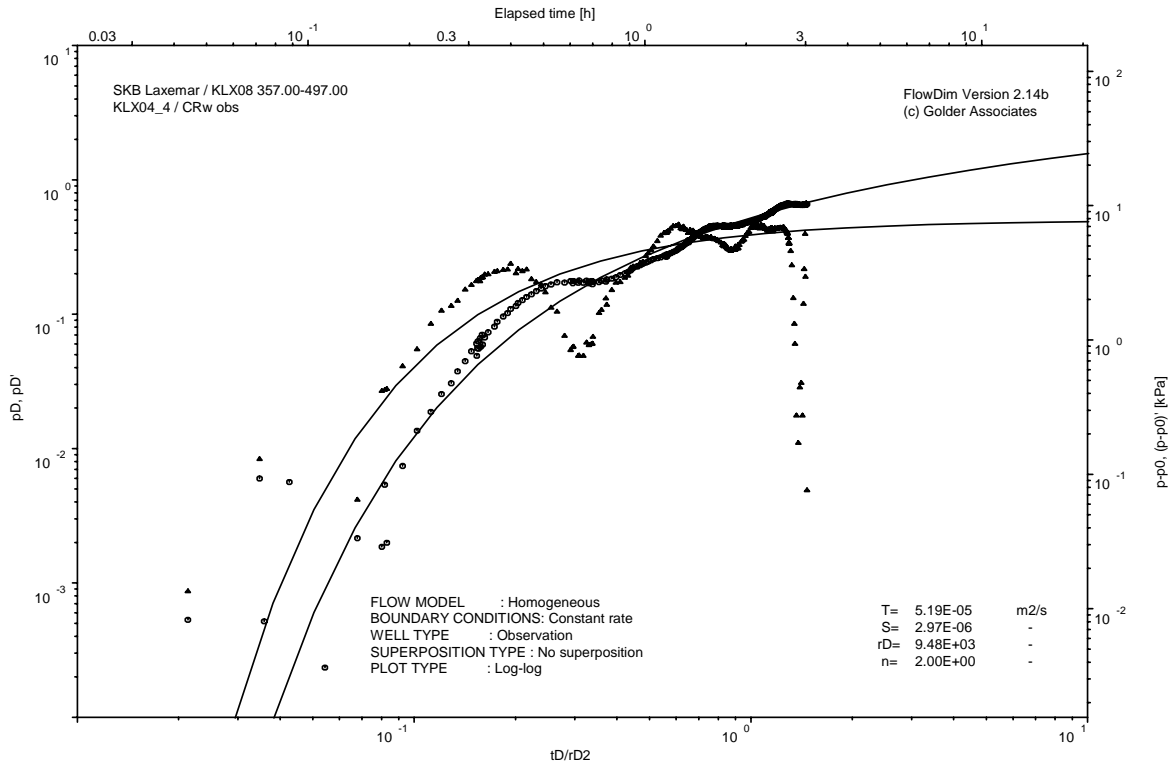
APPENDIX 7-3-7

KLX08 Section 357.00-497.00 m pumped
KLX04_4 531.00-685.00 m observed

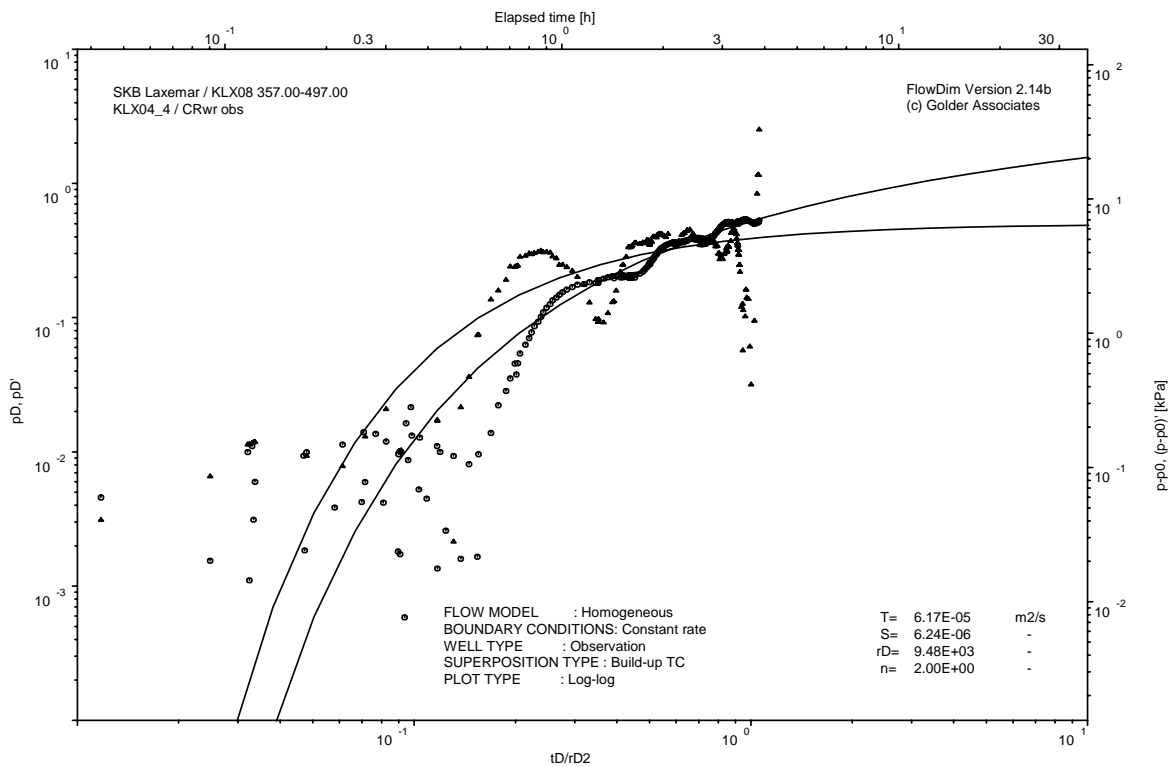
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and KLX04_4 531.00-685.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_4 531.00-685.00 m observed

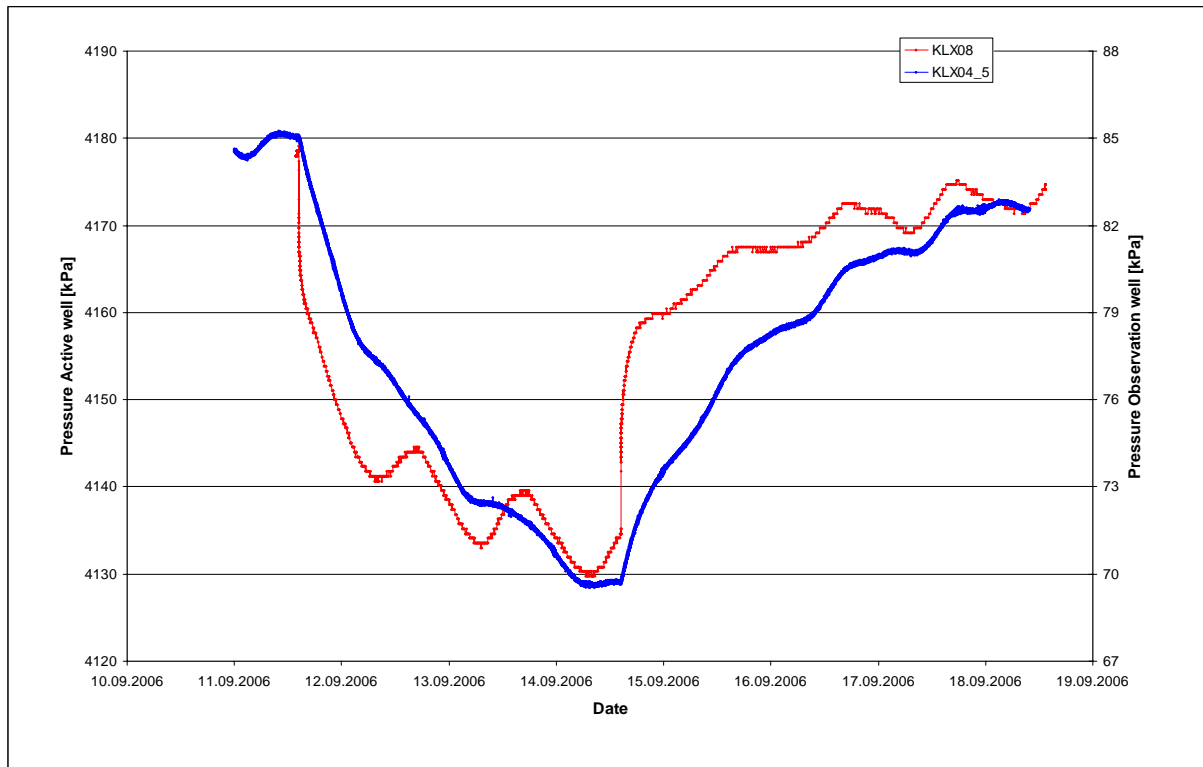


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_4 531.00-685.00 m observed

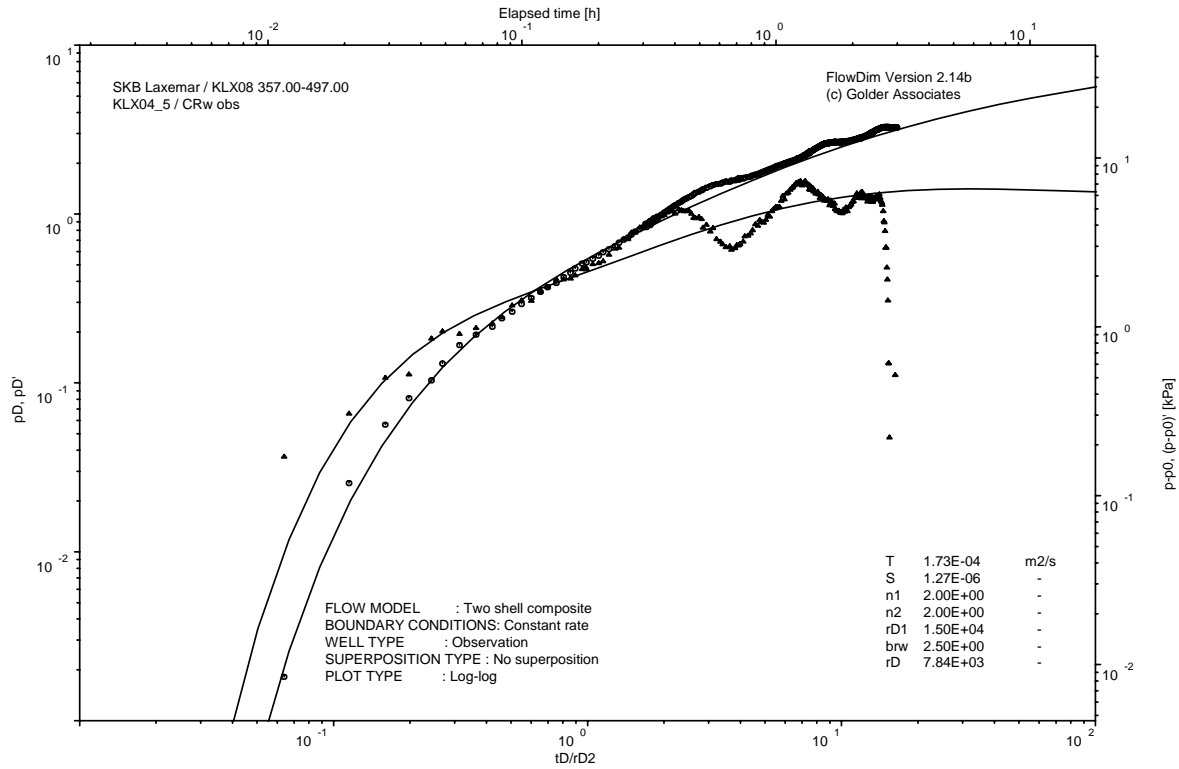
APPENDIX 7-3-8

KLX08 Section 357.00-497.00 m pumped
KLX04_5 507.00-530.00 m observed

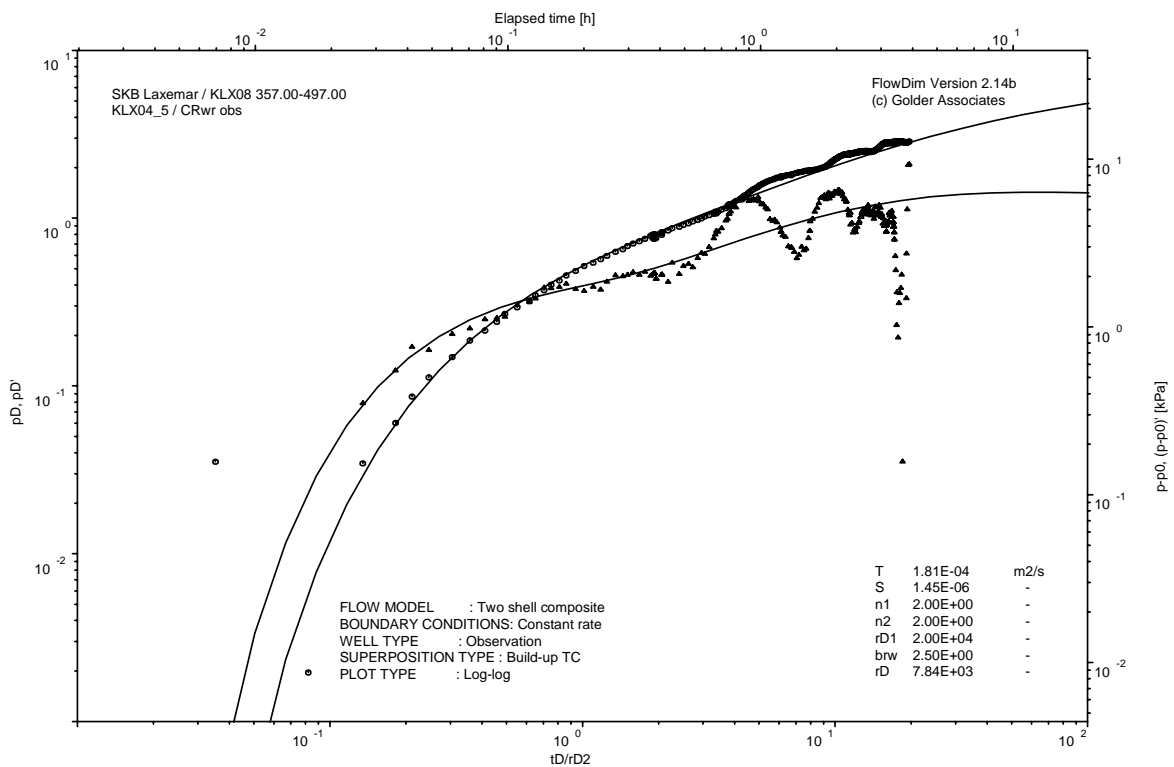
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and KLX04_5 507.00-530.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_5 507.00-530.00 m observed

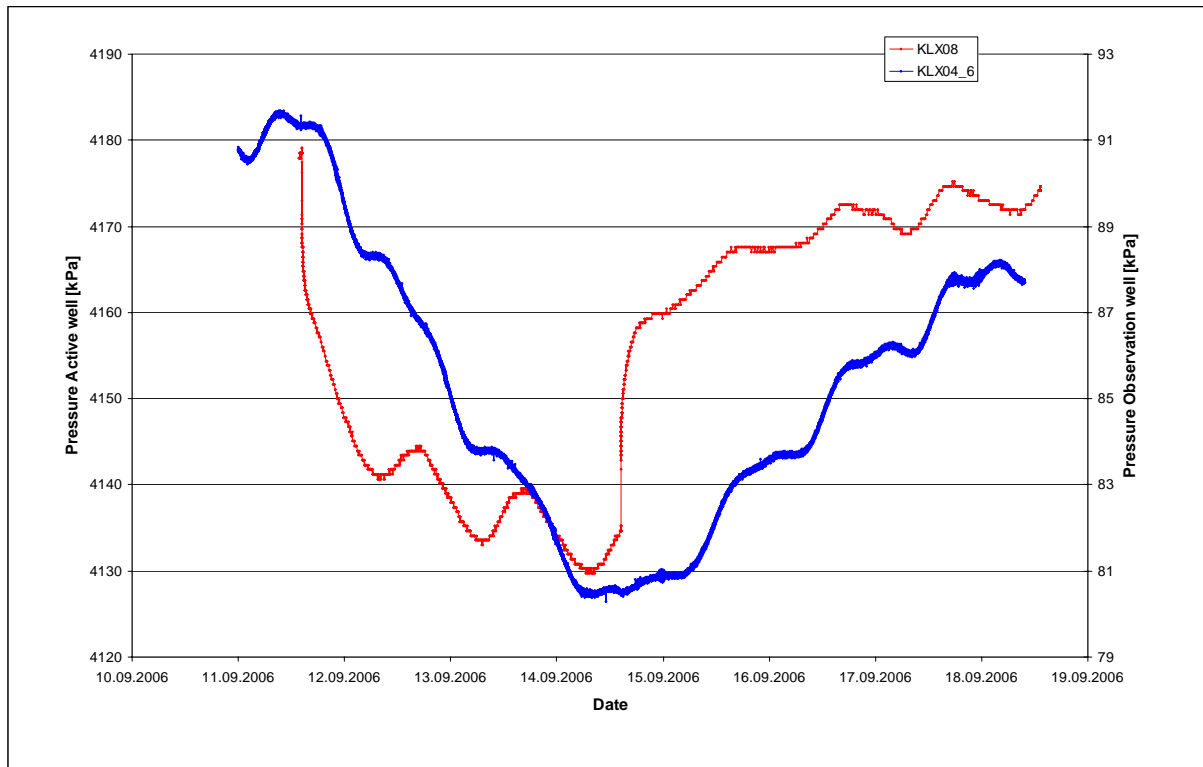


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_5 507.00-530.00 m observed

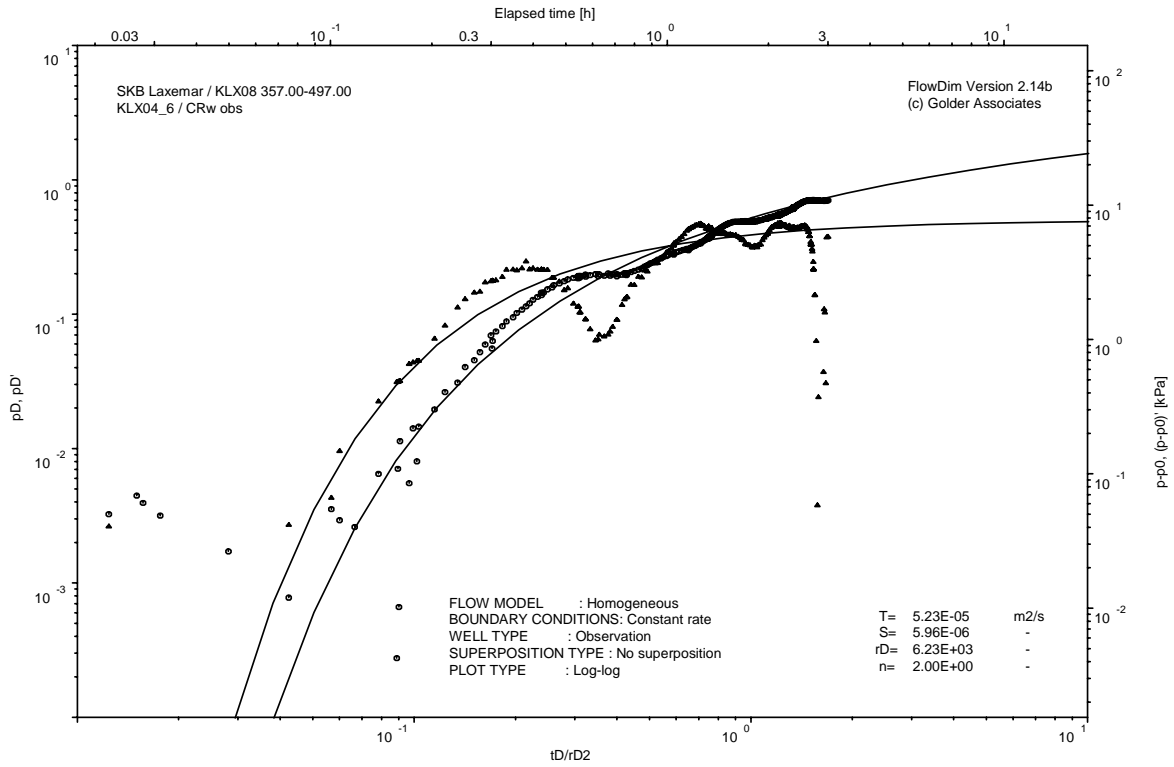
APPENDIX 7-3-9

KLX08 Section 357.00-497.00 m pumped
KLX04_6 231.00-506.00 m observed

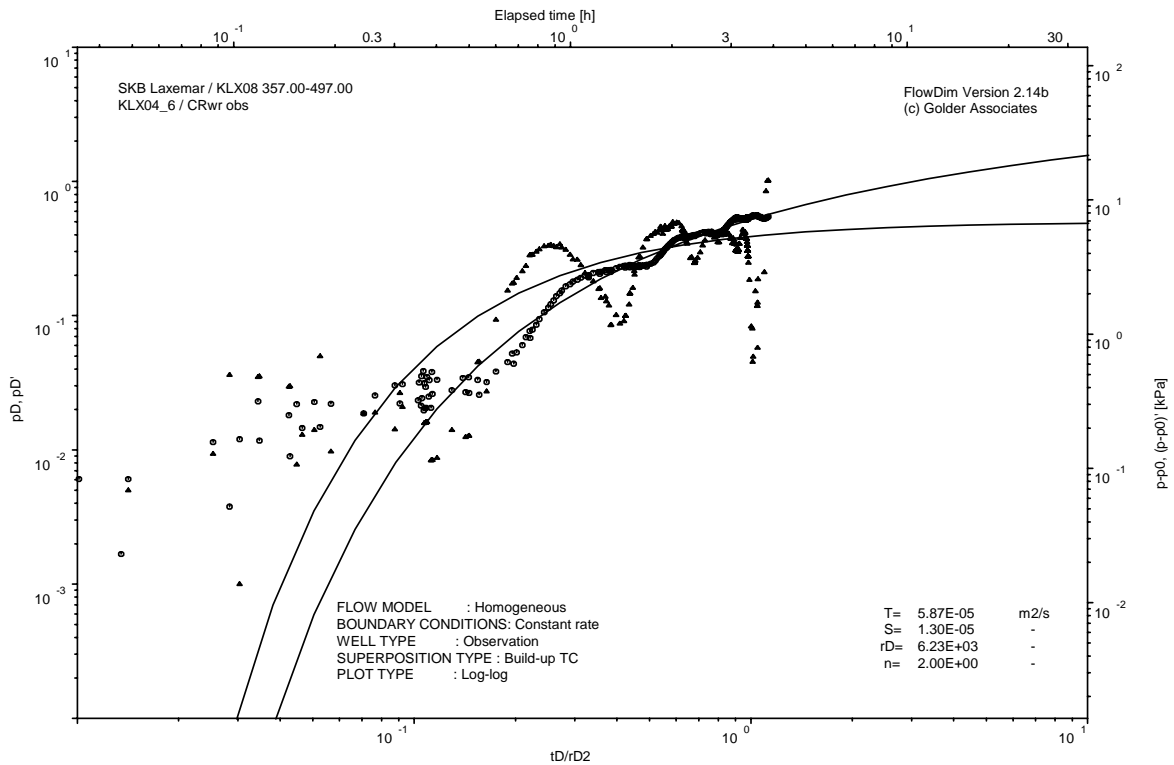
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and KLX04_6 231.00-506.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_6 231.00-506.00 m observed

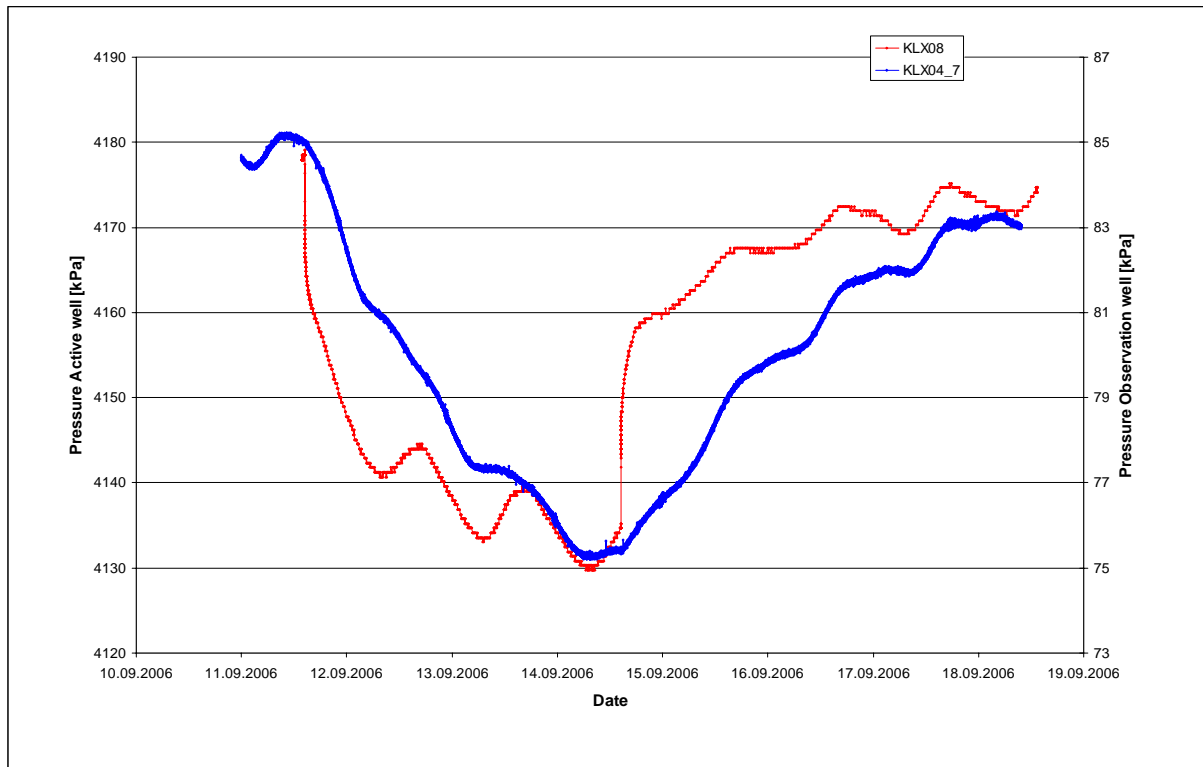


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_6 231.00-506.00 m observed

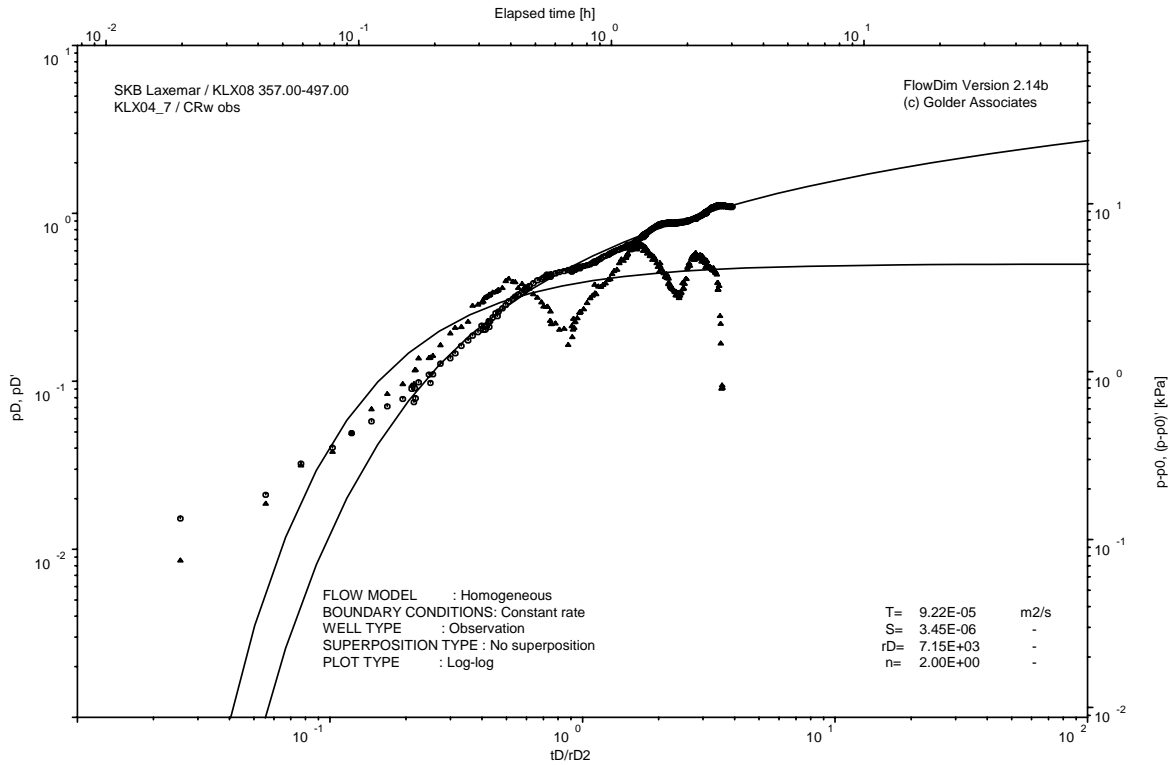
APPENDIX 7-3-10

KLX08 Section 357.00-497.00 m pumped
KLX04_7 163.00-230.00 m observed

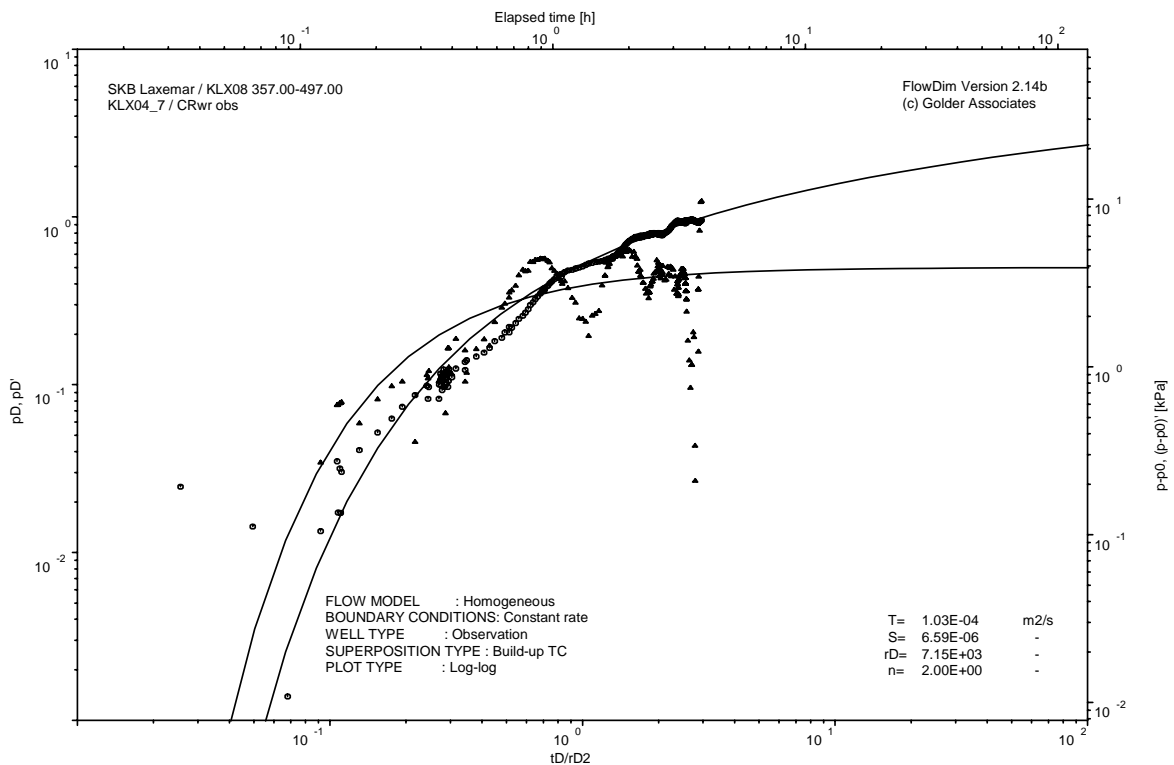
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and KLX04_7 163.00-230.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_7 163.00-230.00 m observed



CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_7 163.00-230.00 m observed

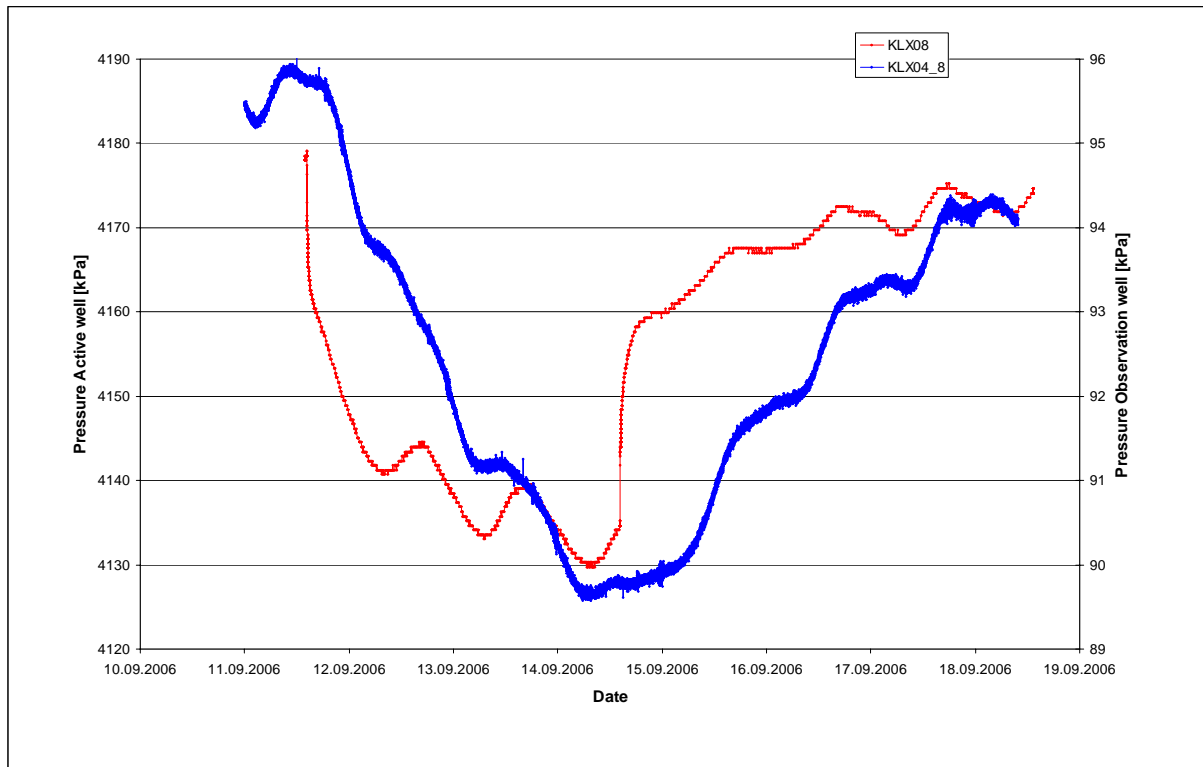
Pumped: KLX08 357.00-497.00 m
Observed: KLX04_8 12.24-162.00 m

Page 7-3-11/1

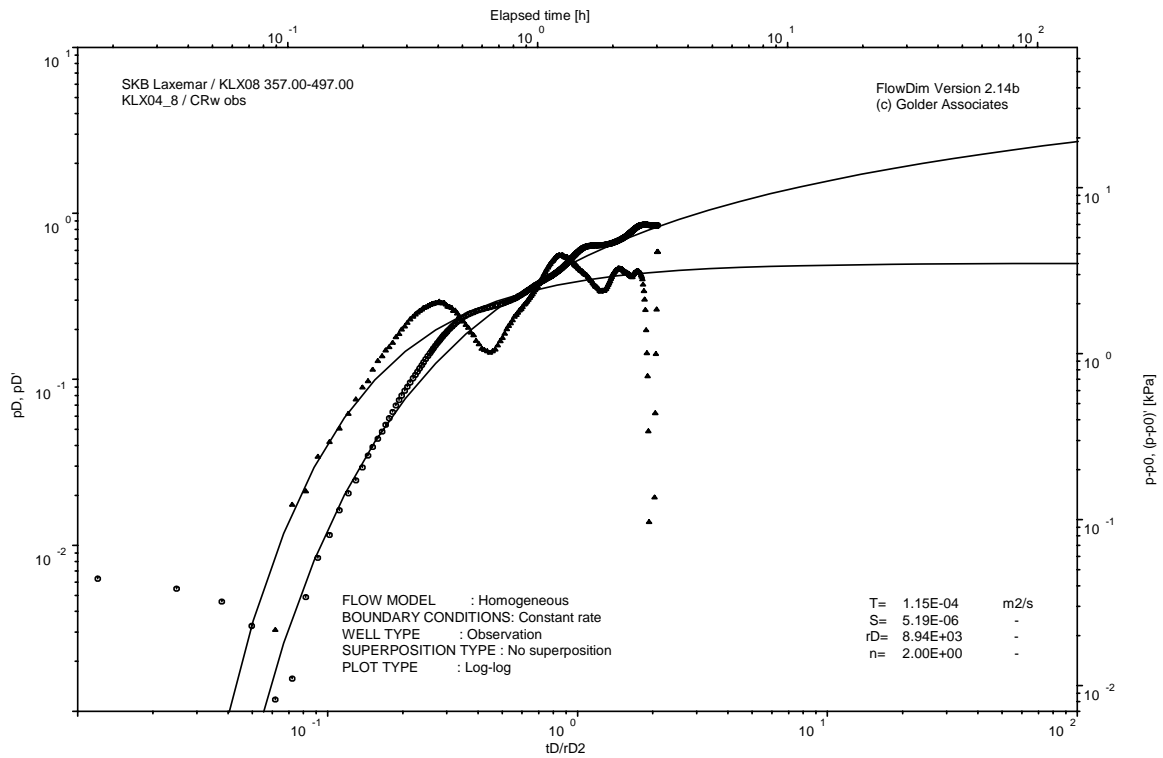
APPENDIX 7-3-11

KLX08 Section 357.00-497.00 m pumped
KLX04_8 12.24-162.00 m observed

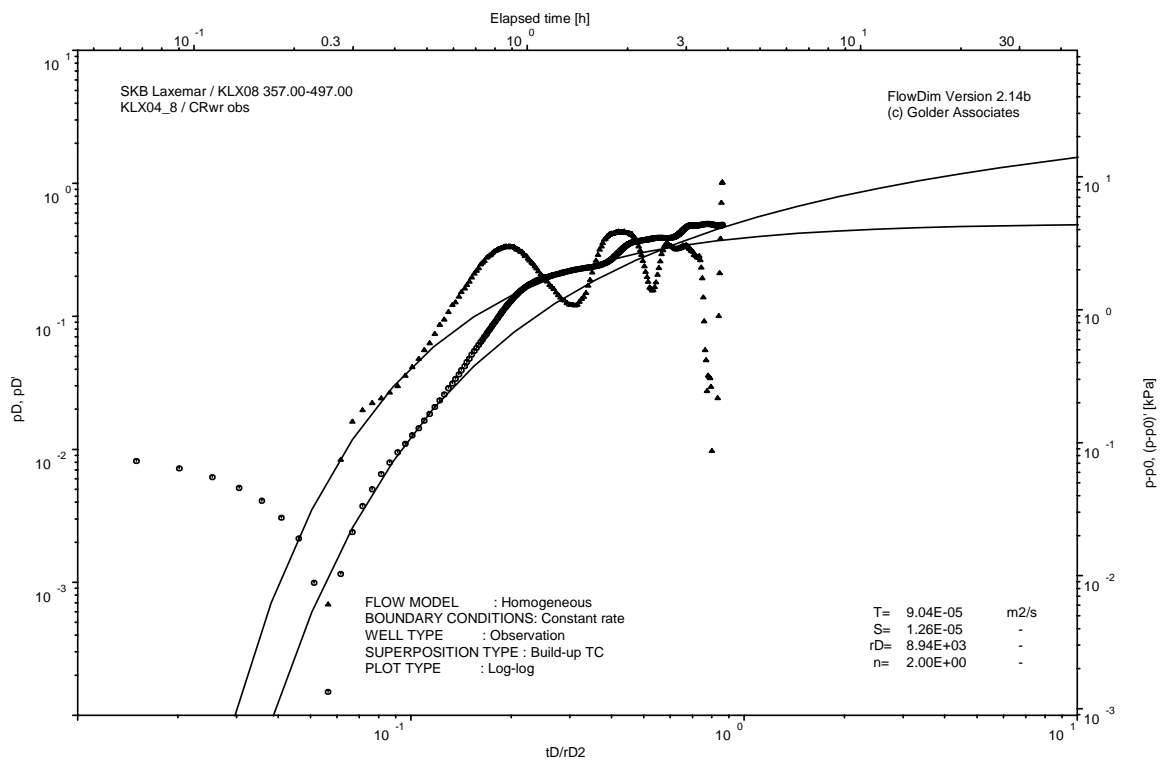
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and KLX04_8 12.24-162.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_8 12.24-162.00 m observed

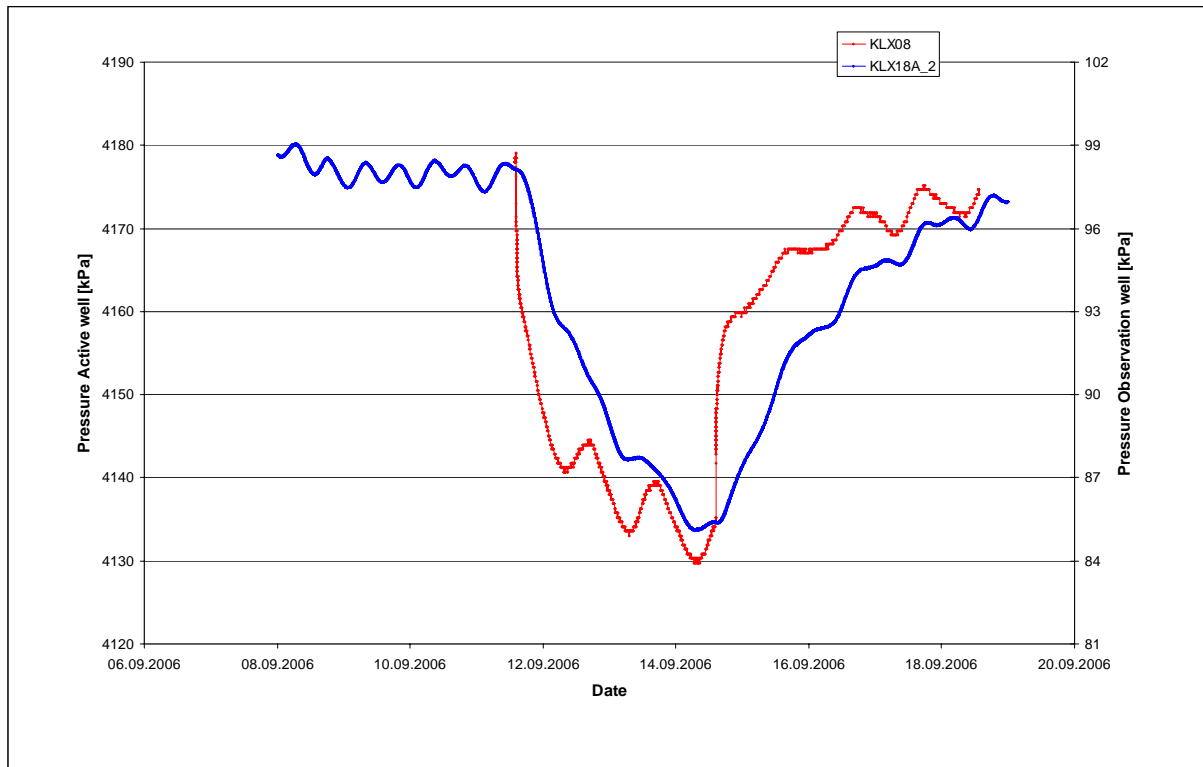


CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and KLX04_8 12.24-162.00 m observed

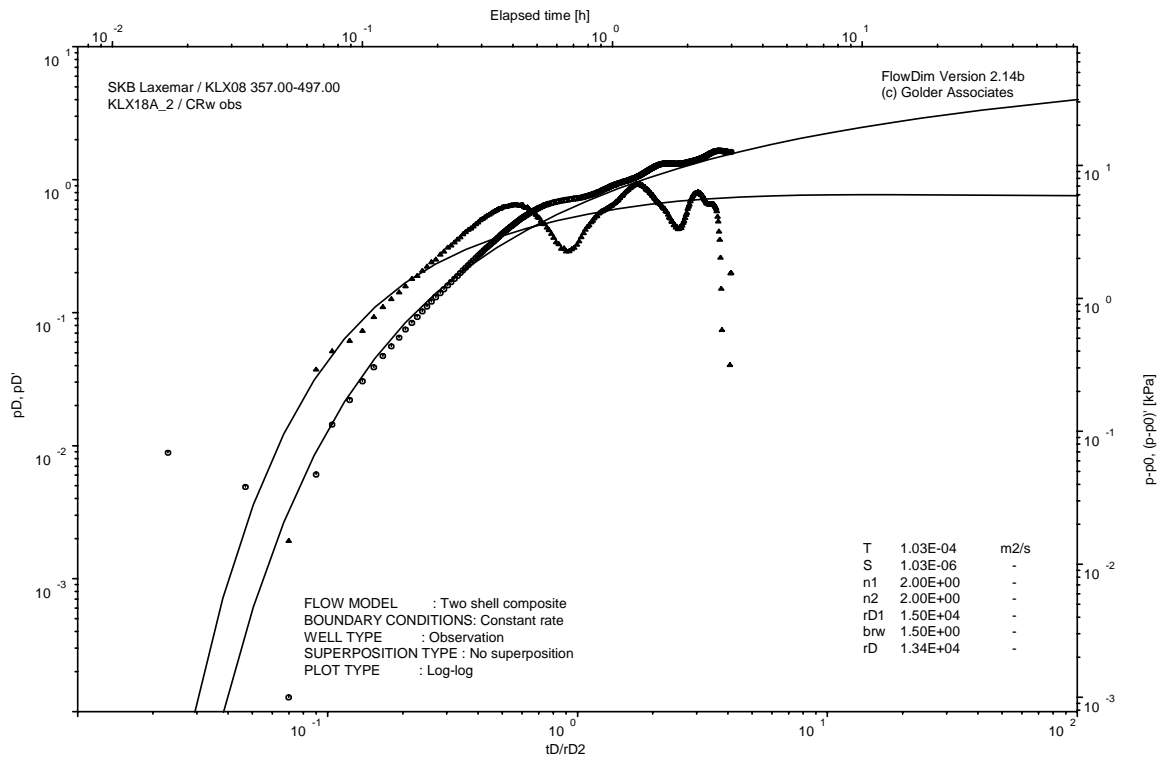
APPENDIX 7-3-12

KLX08 Section 357.00-497.00 m pumped
KLX18A_2 241.00-439.00 m observed

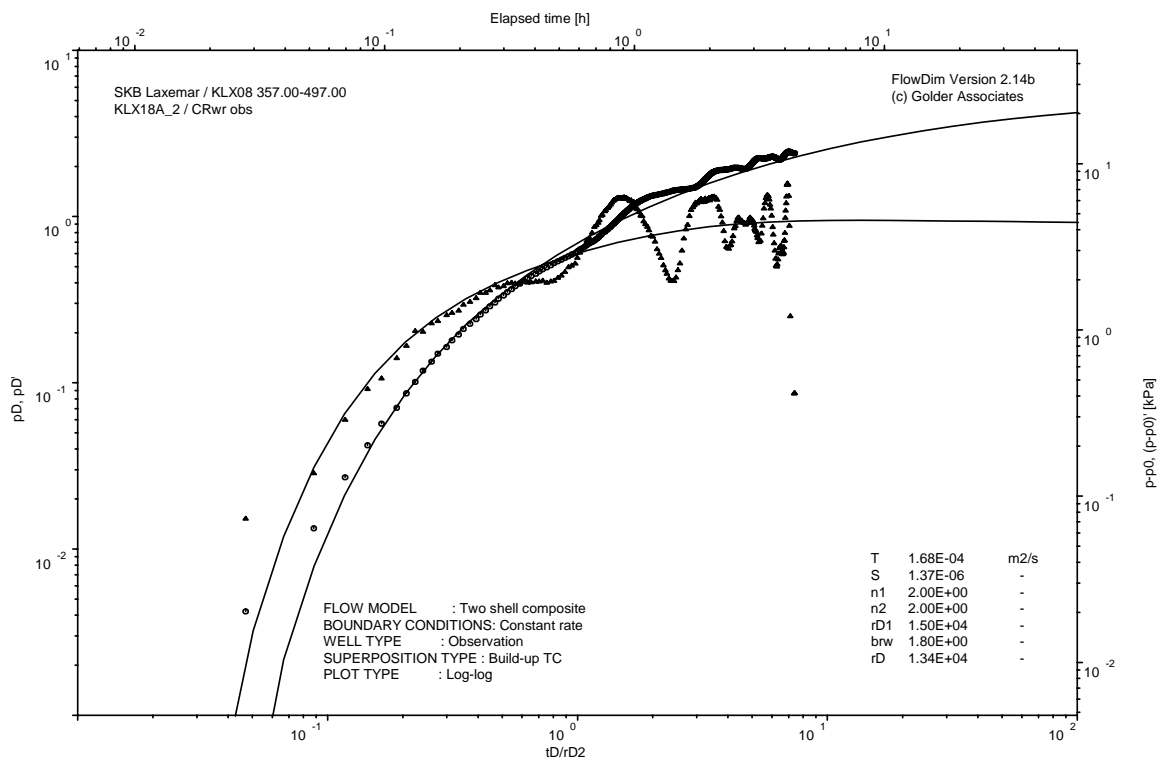
Observation hole
Test Analysis diagrams



Pressure vs. time; KLX08 357.00-497.00 m pumped and KLX18A_2 241.00-439.00 m observed



CRw phase; log-log match; KLX08 357.00-497.00 m pumped and KLX18A_2 241.00-439.00 m observed



CRwr phase; log-log match; KLX08 357.00-497.00 m pumped and KLX18A_2 241.00-439.00 m observed

Borehole: KLX08

APPENDIX 8

Observation Hole
Test Summary Sheets

APPENDIX 8-1

KLX08 Section 102.00 - 242.00 m pumped

Observation Hole
Test Summary Sheets

Test Summary Sheet					
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole		
Area:	Laxemar	Test no:	2		
Borehole ID:	HLX13_1 (KLX08 102.00-242.00)	Test start:	060921 16:16		
Test section from - to (m):	12.00-200.20	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut		
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu		
Linear plot p active and p observed		Flow period			
		Recovery period			
		Indata		Indata	
		p ₀ (kPa) =		p _F (kPa) =	
		p _i (kPa) =			
		p _p (kPa) =			
		Q _p (m ³ /s) =	6.75E-04	t _F (s) =	219840
		t _p (s) =	260604		
		S el S' (-) =		S el S' (-) =	
		EC _w (mS/m) =			
		Temp _w (gr C) =			
Derivative fact. =	0.07	Derivative fact. =	0.02		
Results		Results			
Q/s (m ² /s) =	NA				
T _M (m ² /s) =	NA				
Log-Log plot incl. derivatives- flow period		Flow regime: transient			
		Flow regime:	transient		
		dt ₁ (min) =	6.38	dt ₁ (min) =	7.50
		dt ₂ (min) =	147.54	dt ₂ (min) =	61.75
		T (m ² /s) =	2.5E-04	T (m ² /s) =	2.5E-04
		S (-) =	1.1E-06	S (-) =	1.9E-06
		K _s (m/s) =	1.3E-06	K _s (m/s) =	1.3E-06
		S _s (1/m) =	5.6E-09	S _s (1/m) =	9.9E-09
		C (m ³ /Pa) =	NA	C (m ³ /Pa) =	NA
		C _D (-) =	NA	C _D (-) =	NA
		ξ (-) =	NA	ξ (-) =	NA
T _{GRF} (m ² /s) =		T _{GRF} (m ² /s) =			
S _{GRF} (-) =		S _{GRF} (-) =			
D _{GRF} (-) =		D _{GRF} (-) =			
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.			
		dt ₁ (min) =	6.38	C (m ³ /Pa) =	NA
		dt ₂ (min) =	147.54	C _D (-) =	NA
		T _T (m ² /s) =	2.5E-04	ξ (-) =	NA
		S (-) =	1.1E-06		
		K _s (m/s) =	1.3E-06		
		S _s (1/m) =	5.9E-09		
Comments:					
The recommended transmissivity of 2.5•10 ⁻⁴ m ² /s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 1.0•10 ⁻⁴ m ² /s to 5.0•10 ⁻⁴ m ² /s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 49.5 kPa.					

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	HLX14_1 (KLX08 102.00-242.00)	Test start:	060921 16:16
Test section from - to (m):	12.00-115.90	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>D₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p(kPa) =</p> <p>Q_p (m³/s)= 6.75E-04</p> <p>t_p (s) = 260604</p> <p>S el S' (-)=</p> <p>EC_w (mS/m)=</p> <p>Temp_w(gr C)=</p> <p>Derivative fact.= 0.11</p>		<p>Indata</p> <p>p_F (kPa) =</p> <p>t_F (s) = 219840</p> <p>S el S' (-)=</p> <p>Derivative fact.= 0.07</p>	
Log-Log plot incl. derivatives- flow period		Results	
		<p>Q/s (m²/s)= NA</p> <p>T_M (m²/s)= NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 13.33</p> <p>dt₂ (min) = 115.55</p> <p>T (m²/s) = 1.7E-04</p> <p>S (-) = 5.9E-07</p> <p>K_s (m/s) = 1.6E-06</p> <p>S_s (1/m) = 5.7E-09</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF}(m²/s) =</p> <p>S_{GRF}(-) =</p> <p>D_{GRF} (-) =</p>	
		<p>Flow regime: transient</p> <p>dt₁ (min) = 22.25</p> <p>dt₂ (min) = 152.46</p> <p>T (m²/s) = 1.9E-04</p> <p>S (-) = 1.1E-06</p> <p>K_s (m/s) = 1.8E-06</p> <p>S_s (1/m) = 1.0E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF}(m²/s) =</p> <p>S_{GRF}(-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 13.33</p> <p>dt₂ (min) = 115.55</p> <p>T_T (m²/s) = 1.7E-04</p> <p>S (-) = 5.9E-07</p> <p>K_s (m/s) = 1.6E-06</p> <p>S_s (1/m) = 5.7E-09</p>	
		<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
		Comments:	
		<p>The recommended transmissivity of 1.7•10⁻⁴ m²/s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 8.0•10⁻⁵ m²/s to 4.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 18.1 kPa.</p>	

Test Summary Sheet					
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole		
Area:	Laxemar	Test no:	2		
Borehole ID:	HLX25_1 (KLX08 102.00-242.00)	Test start:	060921 16:16		
Test section from - to (m):	61.00-202.50	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut		
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu		
Linear plot p active and p observed		Flow period			
		Recovery period			
		Indata		Indata	
		p ₀ (kPa) =		p _F (kPa) =	
		p _i (kPa) =			
		p _p (kPa) =			
		Q _p (m ³ /s) =	6.75E-04	t _F (s) =	219840
		t _p (s) =	260604		
		S el S' (-) =		S el S' (-) =	
		EC _w (mS/m) =			
		Temp _w (gr C) =			
Derivative fact. =	0.08	Derivative fact. =	0.06		
Log-Log plot incl. derivatives- flow period		Results			
		Results			
		Q/s (m ² /s) =	NA		
		T _M (m ² /s) =	NA		
		Flow regime:	transient	Flow regime:	transient
		dt ₁ (min) =	9.04	dt ₁ (min) =	39.67
		dt ₂ (min) =	163.50	dt ₂ (min) =	151.91
		T (m ² /s) =	2.1E-04	T (m ² /s) =	2.4E-04
		S (-) =	2.1E-06	S (-) =	2.6E-06
		K _s (m/s) =	1.5E-06	K _s (m/s) =	1.7E-06
		S _s (1/m) =	1.5E-08	S _s (1/m) =	1.8E-08
C (m ³ /Pa) =	NA	C (m ³ /Pa) =	NA		
C _D (-) =	NA	C _D (-) =	NA		
ξ (-) =	NA	ξ (-) =	NA		
T _{GRF} (m ² /s) =		T _{GRF} (m ² /s) =			
S _{GRF} (-) =		S _{GRF} (-) =			
D _{GRF} (-) =		D _{GRF} (-) =			
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.			
		dt ₁ (min) =	9.04	C (m ³ /Pa) =	NA
		dt ₂ (min) =	163.50	C _D (-) =	NA
		T _T (m ² /s) =	2.1E-04	ξ (-) =	NA
		S (-) =	2.1E-06		
		K _s (m/s) =	1.5E-06		
		S _s (1/m) =	1.5E-08		
		Comments:			
		The recommended transmissivity of 2.1•10 ⁻⁴ m ² /s was derived from the analysis of the CRw phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 1.0•10 ⁻⁴ m ² /s to 5.0•10 ⁻⁴ m ² /s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 91.2 kPa.			

Test Summary Sheet																																																													
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole																																																										
Area:	Laxemar	Test no:	2																																																										
Borehole ID:	HLX30_1 (KLX08 102.00-242.00)	Test start:	060921 16:16																																																										
Test section from - to (m):	101.00-163.40	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut																																																										
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu																																																										
Linear plot p active and p observed		Flow period																																																											
		Recovery period																																																											
		Indata																																																											
		<table border="1"> <tr><td>p₀ (kPa) =</td><td></td><td></td><td></td></tr> <tr><td>p_i (kPa) =</td><td></td><td></td><td></td></tr> <tr><td>p_p (kPa) =</td><td></td><td>p_F (kPa) =</td><td></td></tr> <tr><td>Q_p (m³/s) =</td><td>6.75E-04</td><td></td><td></td></tr> <tr><td>t_p (s) =</td><td>260604</td><td>t_F (s) =</td><td>219840</td></tr> <tr><td>S el S' (-) =</td><td></td><td>S el S' (-) =</td><td></td></tr> <tr><td>EC_w (mS/m) =</td><td></td><td></td><td></td></tr> <tr><td>Temp_w (gr C) =</td><td></td><td></td><td></td></tr> <tr><td>Derivative fact. =</td><td>0.04</td><td>Derivative fact. =</td><td>0.06</td></tr> </table>		p ₀ (kPa) =				p _i (kPa) =				p _p (kPa) =		p _F (kPa) =		Q _p (m ³ /s) =	6.75E-04			t _p (s) =	260604	t _F (s) =	219840	S el S' (-) =		S el S' (-) =		EC _w (mS/m) =				Temp _w (gr C) =				Derivative fact. =	0.04	Derivative fact. =	0.06																						
p ₀ (kPa) =																																																													
p _i (kPa) =																																																													
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t _p (s) =	260604	t _F (s) =	219840																																																										
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Log-Log plot incl. derivatives- flow period		Results																																																											
		Results																																																											
		<table border="1"> <tr><td>Q/s (m²/s) =</td><td>NA</td><td></td><td></td></tr> <tr><td>T_M (m²/s) =</td><td>NA</td><td></td><td></td></tr> <tr><td>Flow regime:</td><td>transient</td><td>Flow regime:</td><td>transient</td></tr> <tr><td>dt₁ (min) =</td><td>4.62</td><td>dt₁ (min) =</td><td>37.00</td></tr> <tr><td>dt₂ (min) =</td><td>161.79</td><td>dt₂ (min) =</td><td>150.04</td></tr> <tr><td>T (m²/s) =</td><td>1.9E-04</td><td>T (m²/s) =</td><td>2.6E-04</td></tr> <tr><td>S (-) =</td><td>5.1E-06</td><td>S (-) =</td><td>6.1E-06</td></tr> <tr><td>K_s (m/s) =</td><td>3.1E-06</td><td>K_s (m/s) =</td><td>4.1E-06</td></tr> <tr><td>S_s (1/m) =</td><td>8.1E-08</td><td>S_s (1/m) =</td><td>9.7E-08</td></tr> <tr><td>C (m³/Pa) =</td><td>NA</td><td>C (m³/Pa) =</td><td>NA</td></tr> <tr><td>C_D (-) =</td><td>NA</td><td>C_D (-) =</td><td>NA</td></tr> <tr><td>ξ (-) =</td><td>NA</td><td>ξ (-) =</td><td>NA</td></tr> <tr><td>T_{GRF} (m²/s) =</td><td></td><td>T_{GRF} (m²/s) =</td><td></td></tr> <tr><td>S_{GRF} (-) =</td><td></td><td>S_{GRF} (-) =</td><td></td></tr> <tr><td>D_{GRF} (-) =</td><td></td><td>D_{GRF} (-) =</td><td></td></tr> </table>		Q/s (m ² /s) =	NA			T _M (m ² /s) =	NA			Flow regime:	transient	Flow regime:	transient	dt ₁ (min) =	4.62	dt ₁ (min) =	37.00	dt ₂ (min) =	161.79	dt ₂ (min) =	150.04	T (m ² /s) =	1.9E-04	T (m ² /s) =	2.6E-04	S (-) =	5.1E-06	S (-) =	6.1E-06	K _s (m/s) =	3.1E-06	K _s (m/s) =	4.1E-06	S _s (1/m) =	8.1E-08	S _s (1/m) =	9.7E-08	C (m ³ /Pa) =	NA	C (m ³ /Pa) =	NA	C _D (-) =	NA	C _D (-) =	NA	ξ (-) =	NA	ξ (-) =	NA	T _{GRF} (m ² /s) =		T _{GRF} (m ² /s) =		S _{GRF} (-) =		S _{GRF} (-) =		D _{GRF} (-) =	
Q/s (m ² /s) =	NA																																																												
T _M (m ² /s) =	NA																																																												
Flow regime:	transient	Flow regime:	transient																																																										
dt ₁ (min) =	4.62	dt ₁ (min) =	37.00																																																										
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T (m ² /s) =	1.9E-04	T (m ² /s) =	2.6E-04																																																										
S (-) =	5.1E-06	S (-) =	6.1E-06																																																										
K _s (m/s) =	3.1E-06	K _s (m/s) =	4.1E-06																																																										
S _s (1/m) =	8.1E-08	S _s (1/m) =	9.7E-08																																																										
C (m ³ /Pa) =	NA	C (m ³ /Pa) =	NA																																																										
C _D (-) =	NA	C _D (-) =	NA																																																										
ξ (-) =	NA	ξ (-) =	NA																																																										
T _{GRF} (m ² /s) =		T _{GRF} (m ² /s) =																																																											
S _{GRF} (-) =		S _{GRF} (-) =																																																											
D _{GRF} (-) =		D _{GRF} (-) =																																																											
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.																																																											
		<table border="1"> <tr><td>dt₁ (min) =</td><td>4.62</td><td>C (m³/Pa) =</td><td>NA</td></tr> <tr><td>dt₂ (min) =</td><td>161.79</td><td>C_D (-) =</td><td>NA</td></tr> <tr><td>T_T (m²/s) =</td><td>1.9E-04</td><td>ξ (-) =</td><td>NA</td></tr> <tr><td>S (-) =</td><td>5.1E-06</td><td></td><td></td></tr> <tr><td>K_s (m/s) =</td><td>3.1E-06</td><td></td><td></td></tr> <tr><td>S_s (1/m) =</td><td>8.1E-08</td><td></td><td></td></tr> </table>		dt ₁ (min) =	4.62	C (m ³ /Pa) =	NA	dt ₂ (min) =	161.79	C _D (-) =	NA	T _T (m ² /s) =	1.9E-04	ξ (-) =	NA	S (-) =	5.1E-06			K _s (m/s) =	3.1E-06			S _s (1/m) =	8.1E-08																																				
		dt ₁ (min) =	4.62	C (m ³ /Pa) =	NA																																																								
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T _T (m ² /s) =	1.9E-04	ξ (-) =	NA																																																										
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K _s (m/s) =	3.1E-06																																																												
S _s (1/m) =	8.1E-08																																																												
		Comments:																																																											
		<p>The recommended transmissivity of 1.9•10⁻⁴ m²/s was derived from the analysis of the CRw phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 9.0•10⁻⁵ m²/s to 5.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 97.9 kPa.</p>																																																											

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	HLX30_2 (KLX08 102.00-242.00)	Test start:	060921 16:16
Test section from - to (m):	9.10-100.00	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 6.75E-04</p> <p>t_p (s) = 260604</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.06</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 219840</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.05</p>	
Log-Log plot incl. derivatives- flow period		Results	
		Results	
		<p>Q/s (m²/s) = NA</p> <p>T_M (m²/s) = NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 7.04</p> <p>dt₂ (min) = 169.12</p> <p>T (m²/s) = 2.6E-04</p> <p>S (-) = 4.7E-06</p> <p>K_s (m/s) = 2.9E-06</p> <p>S_s (1/m) = 5.1E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 6.75E-04</p> <p>t_p (s) = 260604</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.06</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 219840</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.05</p>	
Log-Log plot incl. derivatives- recovery period		Results	
		Results	
		<p>Q/s (m²/s) = NA</p> <p>T_M (m²/s) = NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 7.04</p> <p>dt₂ (min) = 169.12</p> <p>T (m²/s) = 2.6E-04</p> <p>S (-) = 4.7E-06</p> <p>K_s (m/s) = 2.9E-06</p> <p>S_s (1/m) = 5.1E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Selected representative parameters.			
dt ₁ (min) = 7.04		C (m ³ /Pa) = NA	
dt ₂ (min) = 169.12		C _D (-) = NA	
T _T (m ² /s) = 2.6E-04		ξ (-) = NA	
S (-) = 4.7E-06			
K _s (m/s) = 2.9E-06			
S _s (1/m) = 5.1E-08			
Comments:			
<p>The recommended transmissivity of 2.6•10⁻⁴ m²/s was derived from the analysis of the CRw phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 1.0•10⁻⁴ m²/s to 6.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 97.4 kPa.</p>			

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	HLX31_1 (KLX08 102.00-242.00)	Test start:	060921 16:16
Test section from - to (m):	9.10-133.20	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 6.75E-04</p> <p>t_p (s) = 260604</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.05</p>		<p>Indata</p> <p>p_F (kPa) =</p> <p>t_F (s) = 219840</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.06</p>	
Log-Log plot incl. derivatives- flow period		Results	
		<p>Q/s (m²/s) = NA</p> <p>T_M (m²/s) = NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 2.33</p> <p>dt₂ (min) = 151.04</p> <p>T (m²/s) = 2.0E-04</p> <p>S (-) = 4.2E-06</p> <p>K_s (m/s) = 1.6E-06</p> <p>S_s (1/m) = 3.4E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
		<p>Flow regime: transient</p> <p>dt₁ (min) = 5.71</p> <p>dt₂ (min) = 150.21</p> <p>T (m²/s) = 2.4E-04</p> <p>S (-) = 6.7E-06</p> <p>K_s (m/s) = 1.9E-06</p> <p>S_s (1/m) = 5.4E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 2.33</p> <p>dt₂ (min) = 151.04</p> <p>T_T (m²/s) = 2.0E-04</p> <p>S (-) = 4.2E-06</p> <p>K_s (m/s) = 1.6E-06</p> <p>S_s (1/m) = 3.4E-08</p>	
		<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
		Comments:	
		<p>The recommended transmissivity of 2.0•10⁻⁴ m²/s was derived from the analysis of the CRw phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 1.0•10⁻⁴ m²/s to 5.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 97.6 kPa.</p>	

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	KLX04_5 (KLX08 102.00-242.00 pumped)	Test start:	060921 16:16
Test section from - to (m):	507.00-530.00	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>D₀ (kPa) =</p> <p>D_i (kPa) =</p> <p>p_p(kPa) =</p> <p>Q_p (m³/s)= 6.75E-04</p> <p>t_p (s) = 260604</p> <p>S el S' (-)=</p> <p>EC_w (mS/m)=</p> <p>Temp_w(gr C)=</p> <p>Derivative fact.= 0.05</p>		<p>D₀ (kPa) =</p> <p>D_i (kPa) =</p> <p>p_F (kPa) =</p> <p>t_F (s) = 219840</p> <p>S el S' (-)=</p> <p>Derivative fact.= 0.05</p>	
Log-Log plot incl. derivatives- flow period		Results	
		<p>Q/s (m²/s)= NA</p> <p>T_M (m²/s)= NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 1.74</p> <p>dt₂ (min) = 122.43</p> <p>T (m²/s) = 9.8E-05</p> <p>S (-) = 4.2E-07</p> <p>K_s (m/s) = 4.3E-06</p> <p>S_s (1/m) = 1.8E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF}(m²/s) =</p> <p>S_{GRF}(-) =</p> <p>D_{GRF} (-) =</p>	
		<p>Flow regime: transient</p> <p>dt₁ (min) = 1.04</p> <p>dt₂ (min) = 143.12</p> <p>T (m²/s) = 1.0E-04</p> <p>S (-) = 5.2E-07</p> <p>K_s (m/s) = 4.4E-06</p> <p>S_s (1/m) = 2.2E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF}(m²/s) =</p> <p>S_{GRF}(-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 1.04</p> <p>dt₂ (min) = 143.12</p> <p>T_T (m²/s) = 1.0E-04</p> <p>S (-) = 5.2E-07</p> <p>K_s (m/s) = 4.4E-06</p> <p>S_s (1/m) = 2.2E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
		<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
Comments:		<p>The recommended transmissivity of 1.0•10⁻⁴ m²/s was derived from the analysis of the CRwr phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 4.0•10⁻⁵ m²/s to 2.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 98.8 kPa.</p>	

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	KLX04_6 (KLX08 102.00-242.00 pumped)	Test start:	060921 16:16
Test section from - to (m):	231.00-506.00	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>Pressure Active well [kPa]</p> <p>Pressure Observation well [kPa]</p> <p>Date</p>		<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 6.75E-04</p> <p>t_p (s) = 260604</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.07</p>	<p>Indata</p> <p>p_F (kPa) =</p> <p>t_F (s) = 219840</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.06</p>
Log-Log plot incl. derivatives- flow period		Results	
		<p>Q/s (m²/s) = NA</p> <p>T_M (m²/s) = NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 7.92</p> <p>dt₂ (min) = 174.93</p> <p>T (m²/s) = 1.6E-04</p> <p>S (-) = 6.7E-06</p> <p>K_s (m/s) = 5.6E-07</p> <p>S_s (1/m) = 2.4E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	<p>Results</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 6.53</p> <p>dt₂ (min) = 113.06</p> <p>T (m²/s) = 3.0E-04</p> <p>S (-) = 5.3E-06</p> <p>K_s (m/s) = 1.1E-06</p> <p>S_s (1/m) = 1.9E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>
		Log-Log plot incl. derivatives- recovery period	
		<p>dt₁ (min) = 7.92</p> <p>dt₂ (min) = 174.93</p> <p>T_T (m²/s) = 1.6E-04</p> <p>S (-) = 6.7E-06</p> <p>K_s (m/s) = 5.6E-07</p> <p>S_s (1/m) = 2.4E-08</p>	<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>
		Comments:	
		<p>The recommended transmissivity of 1.6•10⁻⁴ m²/s was derived from the analysis of the CRw phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 7.0•10⁻⁵ m²/s to 6.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 92.4 kPa.</p>	

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	KLX04_8 (KLX08 102.00-242.00 pumped)	Test start:	060921 16:16
Test section from - to (m):	12.24-162.00	Responsible for test execution:	Mesgena Gebrezghi Nicolaj Sokrut
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>Pressure Active well [kPa]</p> <p>Pressure Observation well [kPa]</p> <p>Date</p>		<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 6.75E-04</p> <p>t_p (s) = 260604</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.05</p>	
		<p>p_F (kPa) =</p> <p>t_F (s) = 219840</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.06</p>	
		Results	
		<p>Q/s (m²/s) = NA</p> <p>T_M (m²/s) = NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 0.83</p> <p>dt₂ (min) = 150.41</p> <p>T (m²/s) = 8.0E-05</p> <p>S (-) = 4.2E-06</p> <p>K_s (m/s) = 5.3E-07</p> <p>S_s (1/m) = 2.8E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- flow period		Results	
		<p>Flow regime: transient</p> <p>dt₁ (min) = 1.11</p> <p>dt₂ (min) = 141.74</p> <p>T (m²/s) = 9.4E-05</p> <p>S (-) = 4.3E-06</p> <p>K_s (m/s) = 6.3E-07</p> <p>S_s (1/m) = 2.9E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 0.83</p> <p>dt₂ (min) = 150.41</p> <p>T_T (m²/s) = 8.0E-05</p> <p>S (-) = 4.2E-06</p> <p>K_s (m/s) = 5.3E-07</p> <p>S_s (1/m) = 2.8E-08</p>	
		<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
		Comments:	
		<p>The recommended transmissivity of 8.0•10-5 m2/s was derived from the analysis of the CRw phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 4.0•10-5 m2/s to 2.0•10-4 m2/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 103.6 kPa.</p>	

APPENDIX 8-2

KLX08 Section 241.00 - 341.00 m pumped

Observation hole
Test Summary Sheets

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	KLX04_5 (KLX08 241.00-341.00)	Test start:	060830 15:02
Test section from - to (m):	507.00-530.00	Responsible for test execution:	Reinder van der Wall Philipp Wolf
Section diameter, 2-r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p(kPa) =</p> <p>Q_p (m³/s)= 8.50E-05</p> <p>t_p (s) = 262152</p> <p>S el S' (-)=</p> <p>EC_w (mS/m)=</p> <p>Temp_w(gr C)=</p> <p>Derivative fact.= 0.12</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 400440</p> <p>S el S' (-)=</p> <p>Derivative fact.= 0.1</p>	
Log-Log plot incl. derivatives- flow period		Results	
		<p>Q/s (m²/s)= NA</p> <p>T_M (m²/s)= NA</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 0.35</p> <p>dt₂ (min) = 119.86</p> <p>T (m²/s) = 1.7E-04</p> <p>S (-) = 3.5E-07</p> <p>K_s (m/s) = 7.3E-06</p> <p>S_s (1/m) = 1.5E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF}(m²/s) =</p> <p>S_{GRF}(-) =</p> <p>D_{GRF} (-) =</p>	
		<p>Flow regime: transient</p> <p>dt₁ (min) = 0.49</p> <p>dt₂ (min) = 194.93</p> <p>T (m²/s) = 1.3E-04</p> <p>S (-) = 2.0E-07</p> <p>K_s (m/s) = 5.7E-06</p> <p>S_s (1/m) = 8.5E-09</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF}(m²/s) =</p> <p>S_{GRF}(-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 0.35</p> <p>dt₂ (min) = 119.86</p> <p>T_T (m²/s) = 1.7E-04</p> <p>S (-) = 3.5E-07</p> <p>K_s (m/s) = 7.3E-06</p> <p>S_s (1/m) = 1.5E-08</p>	
		<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
		Comments:	
<p>The recommended transmissivity of 1.7•10-4 m2/s was derived from the analysis of the CRw phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 8.0•10-5 m2/s to 4.0•10-4 m2/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 86.7 kPa.</p>			

APPENDIX 8-3

KLX08 Section 357.00 - 497.00 m pumped

Observation hole
Test Summary Sheets

Test Summary Sheet							
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole				
Area:	Laxemar	Test no:	2				
Borehole ID:	HLX25_1 (KLX08 357.00-497.00)	Test start:	060911 13:47				
Test section from - to (m):	61.00-202.50	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi				
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu				
Linear plot p active and p observed		Flow period					
		Recovery period					
		Indata		Indata			
		p ₀ (kPa) =					
		p _i (kPa) =					
		p _p (kPa) =		p _F (kPa) =			
		Q _p (m ³ /s) = 5.12E-04					
		t _p (s) = 259200		t _F (s) = 345000			
		S el S' (-) =		S el S' (-) =			
		EC _w (mS/m) =					
		Temp _w (gr C) =					
Derivative fact. = 0.07		Derivative fact. = 0.07					
Results		Results					
Q/s (m ² /s) =							
T _M (m ² /s) =							
Flow regime: transient		Flow regime: transient					
dt ₁ (min) = 3.21		dt ₁ (min) = 3.67					
dt ₂ (min) = 153.58		dt ₂ (min) = 239.21					
T (m ² /s) = 1.7E-04		T (m ² /s) = 2.3E-04					
S (-) = 4.3E-06		S (-) = 5.1E-06					
K _s (m/s) = 1.2E-06		K _s (m/s) = 1.6E-06					
S _s (1/m) = 3.0E-08		S _s (1/m) = 3.6E-08					
C (m ³ /Pa) = NA		C (m ³ /Pa) = NA					
C _D (-) = NA		C _D (-) = NA					
ξ (-) = NA		ξ (-) = NA					
T _{GRF} (m ² /s) =		T _{GRF} (m ² /s) =					
S _{GRF} (-) =		S _{GRF} (-) =					
D _{GRF} (-) =		D _{GRF} (-) =					
Log-Log plot incl. derivatives- flow period		Log-Log plot incl. derivatives- recovery period					
				Selected representative parameters.			
				dt ₁ (min) = 3.67		C (m ³ /Pa) = NA	
				dt ₂ (min) = 239.21		C _D (-) = NA	
				T _T (m ² /s) = 2.3E-04		ξ (-) = NA	
				S (-) = 5.1E-06			
				K _s (m/s) = 1.6E-06			
				S _s (1/m) = 3.6E-08			
				Comments:			
				The recommended transmissivity of 2.3•10 ⁻⁴ m ² /s was derived from the analysis of the CRwr phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 8.0•10 ⁻⁵ m ² /s to 5.0•10 ⁻⁴ m ² /s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 90.6 kPa.			

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	HLX25_2 (KLX08 357.00-497.00)	Test start:	060911 13:47
Test section from - to (m):	6.12-60.00	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 5.12E-04</p> <p>t_p (s) = 259200</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.07</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 345000</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.06</p>	
Log-Log plot incl. derivatives- flow period		Results	
		Results	
		<p>Q/s (m²/s) =</p> <p>T_M (m²/s) =</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 4.71</p> <p>dt₂ (min) = 146.96</p> <p>T (m²/s) = 1.7E-04</p> <p>S (-) = 2.7E-06</p> <p>K_s (m/s) = 3.1E-06</p> <p>S_s (1/m) = 4.9E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Flow period	
		Recovery period	
		<p>dt₁ (min) = 10.17</p> <p>dt₂ (min) = 212.54</p> <p>T (m²/s) = 2.0E-04</p> <p>S (-) = 3.9E-06</p> <p>K_s (m/s) = 3.7E-06</p> <p>S_s (1/m) = 7.3E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
		Selected representative parameters.	
		dt ₁ (min) = 4.71	C (m ³ /Pa) = NA
		dt ₂ (min) = 146.96	C _D (-) = NA
		T _T (m ² /s) = 1.7E-04	ξ (-) = NA
		S (-) = 2.7E-06	
		K _s (m/s) = 3.1E-06	
		S _s (1/m) = 4.9E-08	
		Comments:	
		<p>The recommended transmissivity of 1.7•10⁻⁴ m²/s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 8.0•10⁻⁵ m²/s to 4.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 90.7 kPa.</p>	

Test Summary Sheet					
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole		
Area:	Laxemar	Test no:	2		
Borehole ID:	HLX30_1 (KLX08 357.00-497.00)	Test start:	060911 13:47		
Test section from - to (m):	101.00-163.40	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi		
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu		
Linear plot p active and p observed		Flow period			
		Recovery period			
		Indata		Indata	
		p ₀ (kPa) =		p _F (kPa) =	
		p _i (kPa) =			
		p _p (kPa) =			
		Q _p (m ³ /s) =	5.12E-04	t _F (s) =	345000
		t _p (s) =	259200		
		S el S' (-) =		S el S' (-) =	
		EC _w (mS/m) =			
		Temp _w (gr C) =			
Derivative fact. =	0.07	Derivative fact. =	0.07		
Log-Log plot incl. derivatives- flow period		Results			
		Results			
		Q/s (m ² /s) =			
		T _M (m ² /s) =			
		Flow regime: transient	Flow regime: transient		
		dt ₁ (min) = 2.88	dt ₁ (min) = 5.17		
		dt ₂ (min) = 154.67	dt ₂ (min) = 211.25		
		T (m ² /s) = 1.7E-04	T (m ² /s) = 2.2E-04		
		S (-) = 6.2E-06	S (-) = 7.6E-06		
		K _s (m/s) = 2.7E-06	K _s (m/s) = 3.5E-06		
		S _s (1/m) = 1.0E-07	S _s (1/m) = 1.2E-07		
C (m ³ /Pa) = NA	C (m ³ /Pa) = NA				
C _D (-) = NA	C _D (-) = NA				
ξ (-) = NA	ξ (-) = NA				
T _{GRF} (m ² /s) =	T _{GRF} (m ² /s) =				
S _{GRF} (-) =	S _{GRF} (-) =				
D _{GRF} (-) =	D _{GRF} (-) =				
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.			
		dt ₁ (min) = 2.88	C (m ³ /Pa) = NA		
		dt ₂ (min) = 154.67	C _D (-) = NA		
		T _T (m ² /s) = 1.7E-04	ξ (-) = NA		
		S (-) = 6.2E-06			
		K _s (m/s) = 2.7E-06			
		S _s (1/m) = 1.0E-07			
Comments:					
The recommended transmissivity of 1.7•10 ⁻⁴ m ² /s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 8.0•10 ⁻⁵ m ² /s to 5.0•10 ⁻⁴ m ² /s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 98.1 kPa.					

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	HLX30_2 (KLX08 357.00-497.00)	Test start:	060911 13:47
Test section from - to (m):	9.10-100.00	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p(kPa) =</p> <p>Q_p (m³/s)= 5.12E-04</p> <p>t_p (s) = 259200</p> <p>S el S' (-)=</p> <p>EC_w (mS/m)=</p> <p>Temp_w(gr C)=</p> <p>Derivative fact.= 0.09</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 345000</p> <p>S el S' (-)=</p> <p>Derivative fact.= 0.07</p>	
Log-Log plot incl. derivatives- flow period		Results	
		Results	
		<p>Q/s (m²/s)=</p> <p>T_M (m²/s)=</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 12.38</p> <p>dt₂ (min) = 155.66</p> <p>T (m²/s) = 1.9E-04</p> <p>S (-) = 6.5E-06</p> <p>K_s (m/s) = 2.1E-06</p> <p>S_s (1/m) = 7.1E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF}(m²/s) =</p> <p>S_{GRF}(-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 12.38</p> <p>dt₂ (min) = 155.66</p> <p>T_T (m²/s) = 1.9E-04</p> <p>S (-) = 6.5E-06</p> <p>K_s (m/s) = 2.1E-06</p> <p>S_s (1/m) = 7.1E-08</p>	
		<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
Comments:		<p>The recommended transmissivity of 1.9•10⁻⁴ m²/s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 9.0•10⁻⁵ m²/s to 5.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 97.3 kPa.</p>	

Test Summary Sheet																																																													
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole																																																										
Area:	Laxemar	Test no:	2																																																										
Borehole ID:	HLX31_1 (KLX08 357.00-497.00)	Test start:	060911 13:47																																																										
Test section from - to (m):	9.10-133.20	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi																																																										
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu																																																										
Linear plot p active and p observed		Flow period																																																											
		Recovery period																																																											
		<table border="1"> <thead> <tr> <th colspan="2">Indata</th> <th colspan="2">Indata</th> </tr> </thead> <tbody> <tr> <td>p₀ (kPa) =</td> <td></td> <td></td> <td></td> </tr> <tr> <td>p_i (kPa) =</td> <td></td> <td></td> <td></td> </tr> <tr> <td>p_p (kPa) =</td> <td></td> <td>p_F (kPa) =</td> <td></td> </tr> <tr> <td>Q_p (m³/s) =</td> <td>5.12E-04</td> <td></td> <td></td> </tr> <tr> <td>t_p (s) =</td> <td>259200</td> <td>t_F (s) =</td> <td>345000</td> </tr> <tr> <td>S el S' (-) =</td> <td></td> <td>S el S' (-) =</td> <td></td> </tr> <tr> <td>EC_w (mS/m) =</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Temp_w (gr C) =</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Derivative fact. =</td> <td>0.08</td> <td>Derivative fact. =</td> <td>0.07</td> </tr> </tbody> </table>		Indata		Indata		p ₀ (kPa) =				p _i (kPa) =				p _p (kPa) =		p _F (kPa) =		Q _p (m ³ /s) =	5.12E-04			t _p (s) =	259200	t _F (s) =	345000	S el S' (-) =		S el S' (-) =		EC _w (mS/m) =				Temp _w (gr C) =				Derivative fact. =	0.08	Derivative fact. =	0.07																		
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C (m ³ /Pa) =	NA	C (m ³ /Pa) =	NA																																																										
C _D (-) =	NA	C _D (-) =	NA																																																										
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Log-Log plot incl. derivatives- recovery period		Selected representative parameters.																																																											
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Comments:																																																													
<p>The recommended transmissivity of 1.6•10⁻⁴ m²/s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 7.0•10⁻⁵ m²/s to 5.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 97.7 kPa.</p>																																																													

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	KLX04_4 (KLX08 357.00-497.00)	Test start:	060911 13:47
Test section from - to (m):	531.00-685.00	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 5.12E-04</p> <p>t_p (s) = 259200</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.09</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 345000</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.09</p>	
Log-Log plot incl. derivatives- flow period		Results	
		Results	
		<p>Q/s (m²/s) =</p> <p>T_M (m²/s) =</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 10.28</p> <p>dt₂ (min) = 159.23</p> <p>T (m²/s) = 5.2E-05</p> <p>S (-) = 3.0E-06</p> <p>K_s (m/s) = 3.4E-07</p> <p>S_s (1/m) = 1.9E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Results	
		Results	
		<p>dt₁ (min) = 10.28</p> <p>dt₂ (min) = 159.23</p> <p>T (m²/s) = 5.2E-05</p> <p>S (-) = 3.0E-06</p> <p>K_s (m/s) = 3.4E-07</p> <p>S_s (1/m) = 1.9E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Selected representative parameters.			
dt ₁ (min) = 10.28		C (m ³ /Pa) = NA	
dt ₂ (min) = 159.23		C _D (-) = NA	
T _T (m ² /s) = 5.2E-05		ξ (-) = NA	
S (-) = 3.0E-06			
K _s (m/s) = 3.4E-07			
S _s (1/m) = 1.9E-08			
Comments:			
<p>The recommended transmissivity of 5.2•10⁻⁵ m²/s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 2.0•10⁻⁵ m²/s to 2.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 101.3 kPa.</p>			

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	KLX04_5 (KLX08 357.00-497.00)	Test start:	060911 13:47
Test section from - to (m):	507.00-530.00	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_p (m³/s) = 5.12E-04</p> <p>t_p (s) = 259200</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.09</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 345000</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.07</p>	
Log-Log plot incl. derivatives- flow period		Results	
		<p>Q/s (m²/s) =</p> <p>T_M (m²/s) =</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 1.25</p> <p>dt₂ (min) = 154.31</p> <p>T (m²/s) = 1.7E-04</p> <p>S (-) = 1.3E-06</p> <p>K_s (m/s) = 7.5E-06</p> <p>S_s (1/m) = 5.5E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
		<p>Flow regime: transient</p> <p>dt₁ (min) = 1.60</p> <p>dt₂ (min) = 198.34</p> <p>T (m²/s) = 1.8E-04</p> <p>S (-) = 1.5E-06</p> <p>K_s (m/s) = 7.9E-06</p> <p>S_s (1/m) = 6.3E-08</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 1.60</p> <p>dt₂ (min) = 198.34</p> <p>T_T (m²/s) = 1.8E-04</p> <p>S (-) = 1.5E-06</p> <p>K_s (m/s) = 7.9E-06</p> <p>S_s (1/m) = 6.3E-08</p>	
		<p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
		Comments:	
<p>The recommended transmissivity of 1.8•10⁻⁴ m²/s was derived from the analysis of the CRwr phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 8.0•10⁻⁵ m²/s to 4.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 97.7 kPa.</p>			

Test Summary Sheet					
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole		
Area:	Laxemar	Test no:	2		
Borehole ID:	KLX04_6 (KLX08 357.00-497.00)	Test start:	060911 13:47		
Test section from - to (m):	231.00-506.00	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi		
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu		
Linear plot p active and p observed		Flow period			
		Recovery period			
		Indata		Indata	
		p ₀ (kPa) =			
		p _i (kPa) =			
		p _p (kPa) =		p _F (kPa) =	
		Q _p (m ³ /s) = 5.12E-04			
		t _p (s) = 259200		t _F (s) = 345000	
		S el S' (-) =		S el S' (-) =	
		EC _w (mS/m) =			
		Temp _w (gr C) =			
Derivative fact. = 0.09		Derivative fact. = 0.07			
Results		Results			
Q/s (m ² /s) =					
T _M (m ² /s) =					
Log-Log plot incl. derivatives- flow period		Flow regime: transient			
		Flow regime: transient			
		dt ₁ (min) = 8.33		dt ₁ (min) = 96.53	
		dt ₂ (min) = 158.12		dt ₂ (min) = 200.62	
		T (m ² /s) = 5.2E-05		T (m ² /s) = 5.9E-05	
		S (-) = 6.0E-06		S (-) = 1.3E-05	
		K _s (m/s) = 1.9E-07		K _s (m/s) = 2.1E-07	
		S _s (1/m) = 2.2E-08		S _s (1/m) = 4.7E-08	
		C (m ³ /Pa) = NA		C (m ³ /Pa) = NA	
		C _D (-) = NA		C _D (-) = NA	
		ξ (-) = NA		ξ (-) = NA	
T _{GRF} (m ² /s) =		T _{GRF} (m ² /s) =			
S _{GRF} (-) =		S _{GRF} (-) =			
D _{GRF} (-) =		D _{GRF} (-) =			
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.			
		dt ₁ (min) = 8.33			
		dt ₂ (min) = 158.12		C (m ³ /Pa) = NA	
		T _T (m ² /s) = 5.2E-05		C _D (-) = NA	
		S (-) = 6.0E-06		ξ (-) = NA	
		K _s (m/s) = 1.9E-07			
		S _s (1/m) = 2.2E-08			
Comments:					
The recommended transmissivity of 5.2•10 ⁻⁵ m ² /s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 2.0•10 ⁻⁵ m ² /s to 2.0•10 ⁻⁴ m ² /s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 100.8 kPa.					

Test Summary Sheet					
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole		
Area:	Laxemar	Test no:	2		
Borehole ID:	KLX04_7 (KLX08 357.00-497.00)	Test start:	060911 13:47		
Test section from - to (m):	163.00-230.00	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi		
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu		
Linear plot p active and p observed		Flow period			
		Recovery period			
		Indata		Indata	
		p ₀ (kPa) =		p _F (kPa) =	
		p _i (kPa) =			
		p _p (kPa) =			
		Q _p (m ³ /s) =	5.12E-04	t _F (s) =	345000
		t _p (s) =	259200		
		S el S' (-) =		S el S' (-) =	
		EC _w (mS/m) =			
		Temp _w (gr C) =			
Derivative fact. =	0.08	Derivative fact. =	0.07		
Log-Log plot incl. derivatives- flow period		Results			
		Results			
		Q/s (m ² /s) =			
		T _M (m ² /s) =			
		Flow regime: transient		Flow regime: transient	
		dt ₁ (min) = 13.82		dt ₁ (min) = 68.82	
		dt ₂ (min) = 155.35		dt ₂ (min) = 200.83	
		T (m ² /s) = 9.2E-05		T (m ² /s) = 1.0E-04	
		S (-) = 3.5E-06		S (-) = 6.6E-06	
		K _s (m/s) = 1.4E-06		K _s (m/s) = 1.5E-06	
		S _s (1/m) = 5.1E-08		S _s (1/m) = 9.8E-08	
C (m ³ /Pa) = NA		C (m ³ /Pa) = NA			
C _D (-) = NA		C _D (-) = NA			
ξ (-) = NA		ξ (-) = NA			
T _{GRF} (m ² /s) =		T _{GRF} (m ² /s) =			
S _{GRF} (-) =		S _{GRF} (-) =			
D _{GRF} (-) =		D _{GRF} (-) =			
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.			
		dt ₁ (min) = 13.82	C (m ³ /Pa) = NA		
		dt ₂ (min) = 155.35	C _D (-) = NA		
		T _T (m ² /s) = 9.2E-05	ξ (-) = NA		
		S (-) = 3.5E-06			
		K _s (m/s) = 1.4E-06			
		S _s (1/m) = 5.1E-08			
Comments:					
The recommended transmissivity of 9.2•10-5 m2/s was derived from the analysis of the CRw phase, which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 4.0•10-5 m2/s to 2.0•10-4 m2/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 94.1 kPa.					

Test Summary Sheet			
Project:	Oskarshamn site investigation	Test type:[1]	CRwr Observation hole
Area:	Laxemar	Test no:	2
Borehole ID:	KLX18A_2 (KLX08 357.00-497.00)	Test start:	060911 13:47
Test section from - to (m):	241.00-439.00	Responsible for test execution:	Stephan Rohs Mesgena Gebrezghi
Section diameter, 2·r _w (m):		Responsible for test evaluation:	Cristian Enachescu
Linear plot p active and p observed		Flow period	
		Recovery period	
		Indata	
<p>p₀ (kPa) =</p> <p>p_i (kPa) =</p> <p>p_p (kPa) =</p> <p>Q_s (m³/s) = 5.12E-04</p> <p>t_p (s) = 259200</p> <p>S el S' (-) =</p> <p>EC_w (mS/m) =</p> <p>Temp_w (gr C) =</p> <p>Derivative fact. = 0.08</p>		<p>p_F (kPa) =</p> <p>t_F (s) = 345000</p> <p>S el S' (-) =</p> <p>Derivative fact. = 0.07</p>	
Log-Log plot incl. derivatives- flow period		Results	
		<p>Q/s (m²/s) =</p> <p>T_M (m²/s) =</p> <p>Flow regime: transient</p> <p>dt₁ (min) = 3.92</p> <p>dt₂ (min) = 155.08</p> <p>T (m²/s) = 1.0E-04</p> <p>S (-) = 1.0E-06</p> <p>K_s (m/s) = 5.2E-07</p> <p>S_s (1/m) = 5.2E-09</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
		<p>Flow regime: transient</p> <p>dt₁ (min) = 3.12</p> <p>dt₂ (min) = 194.50</p> <p>T (m²/s) = 1.7E-04</p> <p>S (-) = 1.4E-06</p> <p>K_s (m/s) = 8.5E-07</p> <p>S_s (1/m) = 6.9E-09</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p> <p>T_{GRF} (m²/s) =</p> <p>S_{GRF} (-) =</p> <p>D_{GRF} (-) =</p>	
Log-Log plot incl. derivatives- recovery period		Selected representative parameters.	
		<p>dt₁ (min) = 3.12</p> <p>dt₂ (min) = 194.50</p> <p>T_T (m²/s) = 1.7E-04</p> <p>S (-) = 1.4E-06</p> <p>K_s (m/s) = 8.5E-07</p> <p>S_s (1/m) = 6.9E-09</p> <p>C (m³/Pa) = NA</p> <p>C_D (-) = NA</p> <p>ξ (-) = NA</p>	
		<p>Comments:</p> <p>The recommended transmissivity of 1.7•10⁻⁴ m²/s was derived from the analysis of the CRwr phase (inner zone), which shows the best data and derivative quality. The confidence range for the borehole transmissivity is estimated to be 5.0•10⁻⁵ m²/s to 4.0•10⁻⁴ m²/s. The flow dimension during the test is 2. The static pressure measured at transducer depth, was derived from the CRwr phase using straight line extrapolation in the Horner plot to a value of 109.7 kPa.</p>	

APPENDIX 9

SICADA data tables

(Observation boreholes)



SICADA/Data Import Template

SKB & Ergodata AB 2005

File Identity	
Created By	Reinder van der Wall
Created	2006.11.27 08:40

File Time Zone

Compiled By	
Quality Check For Delivery	
Delivery Approval	

Activity Type	KLX08 KLX08 Interference test-obs.holes
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Project	AP PS 400-06-001
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Activity Information						Additional Activity Data				
Idcode	Start Date	Stop Date	Secup (m)	Seclow (m)	Section No	C30 Company evaluating data	C40 performing field work	I160 Instrument	P20 Field crew manager	P200 Field crew
HLX11	2006.08.27 00:07	2006.09.27 12:54	17.00	70.00	1	Golder				
HLX11	2006.08.27 00:07	2006.09.27 13:04	6.00	16.00	2	Golder				
HLX13	2006.08.27 00:04	2006.09.27 14:31	12.00	200.20	1	Golder				
HLX14	2006.08.27 00:00	2006.09.27 23:59	12.00	115.90	1	Golder				
HLX23	2006.08.27 00:05	2006.09.27 13:26	61.00	160.20	1	Golder				
HLX23	2006.08.27 00:00	2006.09.27 13:14	6.10	60.00	2	Golder				
HLX24	2006.08.27 00:03	2006.09.27 13:43	41.00	175.20	1	Golder				
HLX24	2006.08.27 00:08	2006.09.27 13:34	9.10	40.00	2	Golder				
HLX25	2006.08.27 00:07	2006.09.27 14:38	61.00	202.50	1	Golder				
HLX25	2006.08.27 00:02	2006.09.27 14:44	6.12	60.00	2	Golder				
HLX30	2006.08.27 00:06	2006.09.27 14:15	101.00	163.40	1	Golder				
HLX30	2006.08.27 00:00	2006.09.27 14:08	9.10	100.00	2	Golder				
HLX31	2006.08.27 00:09	2006.09.27 13:58	9.10	133.20	1	Golder				
HLX33	2006.08.29 14:44	2006.09.27 12:26	31.00	202.10	1	Golder				
HLX33	2006.08.29 14:42	2006.09.27 12:36	9.10	30.00	2	Golder				
HLX34	2006.08.27 00:06	2006.09.27 15:10	9.10	151.80	1	Golder				
HLX35	2006.08.27 00:00	2006.09.27 14:54	65.00	151.80	1	Golder				

Activity Information						Additional Activity Data				
Idcode	Start Date	Stop Date	Secup (m)	Seclow (m)	Section No	C30	C40	I160	P20	P200
						Company evaluating data	performing field work	Instrument	Field crew manager	Field crew
HLX35	2006.08.27 00:00	2006.09.27 15:00	6.10	64.00	2	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	1165.00	1700.00	1	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	1145.00	1164.00	2	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	718.00	1144.00	3	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	495.00	717.00	4	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	452.00	494.00	5	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	348.00	451.00	6	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	209.00	347.00	7	Golder				
KLX02	2006.08.27 00:00	2006.09.28 00:00	100.35	208.00	8	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	965.00	971.00	1	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	830.00	964.00	2	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	752.00	829.00	3	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	729.00	751.00	4	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	652.00	728.00	5	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	465.00	651.00	6	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	349.00	464.00	7	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	199.00	348.00	8	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	193.00	198.00	9	Golder				
KLX03	2006.08.27 00:00	2006.09.28 00:00	100.05	192.00	X	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	898.00	1000.00	1	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	870.00	897.00	2	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	686.00	869.00	3	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	531.00	685.00	4	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	507.00	530.00	5	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	231.00	506.00	6	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	163.00	230.00	7	Golder				
KLX04	2006.08.27 00:00	2006.09.28 00:00	12.24	162.00	8	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	761.00	1000.00	1	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	571.00	760.00	2	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	554.00	570.00	3	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	411.00	553.00	4	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	276.00	410.00	5	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	256.00	275.00	6	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	146.00	255.00	7	Golder				
KLX06	2006.08.27 00:00	2006.09.28 00:00	11.88	145.00	8	Golder				

Activity Information						Additional Activity Data				
Idcode	Start Date	Stop Date	Secup (m)	Seclow (m)	Section No	C30	C40	I160	P20	P200
						Company evaluating data	performing field work	Instrument	Field crew manager	Field crew
KLX07A	2006.08.27 00:00	2006.09.28 00:00	781.00	844.73	1	Golder				
KLX07A	2006.08.27 00:00	2006.09.28 00:00	753.00	780.00	2	Golder				
KLX07A	2006.08.27 00:00	2006.09.28 00:00	612.00	752.00	3	Golder				
KLX07A	2006.08.27 00:00	2006.09.28 00:00	457.00	611.00	4	Golder				
KLX07A	2006.08.27 00:00	2006.09.28 00:00	333.00	456.00	5	Golder				
KLX07A	2006.08.27 00:00	2006.09.28 00:00	204.00	332.00	6	Golder				
KLX07A	2006.08.27 00:00	2006.09.28 00:00	104.00	203.00	7	Golder				
KLX07A	2006.08.27 00:00	2006.09.28 00:00	102.00	103.00	8	Golder				
KLX07B	2006.08.27 00:00	2006.09.28 00:00	95.00	200.00	1	Golder				
KLX07B	2006.08.27 00:00	2006.09.28 00:00	9.64	94.00	2	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	711.00	1001.00	1	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	689.00	710.00	2	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	465.00	688.00	3	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	369.00	464.00	4	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	351.00	368.00	5	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	291.00	350.00	6	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	131.00	290.00	7	Golder				
KLX10	2006.08.27 00:00	2006.09.28 00:00	9.20	130.00	8	Golder				
KLX18A	2006.08.30 12:00	2006.09.26 17:24	440.00	611.28	1	Golder				
KLX18A	2006.08.30 12:00	2006.09.26 17:29	241.00	439.00	2	Golder				
KLX18A	2006.08.30 12:00	2006.09.26 17:23	11.83	240.00	3	Golder				

Table	plu_inf_test_obs_d		
	PLU interference test, Observation section data		
Column	Datatype	Unit	Column Description
site	CHAR		Investigation site name
activity_type	CHAR		
start_date	DATE		
stop_date	DATE		
project	CHAR		project code
idcode	CHAR		Object or borehole identification code
secup	FLOAT	m	Upper section limit (m)
seclow	FLOAT	m	Lower section limit (m)
section_no	INTEGER	number	Section number
test_type	CHAR		Test type code, one of 7, see table description
formation_type	CHAR		1: Rock, 2: Soil (superficial deposits)
start_flow_period	DATE	yyyymmdd	Date and time start of pumping/injection(YMMDDhhmmss)
stop_flow_period	DATE	yyyymmdd	Date and time stop of pumping/injection(YMMDDhhmmss)
test_borehole	CHAR		Idcode of pumped/injected borehole
test_secup	FLOAT	m	Upper limit of pumped/injected section
test_seclow	FLOAT	m	Lower limit of pumped/injected section
lp	FLOAT	m	Hydraulic point of application, see table description
radial_distance_rs	FLOAT	m	Radial distance:test sec.-obs.sec., see table description
shortest_distance_rt	FLOAT	m	Shortest distance: test sec.-obs.sec., see table description
time_lag_press_dtl	FLOAT	s	Time lag, pressure response obs. hole. See table description
initial_head_hi	FLOAT	m	Hydraulic head in observationsection,at start of flow period
head_at_flow_end_hp	FLOAT	m	Hydraulic head in observation section at stop of flow period
final_head_hf	FLOAT	m	Hydraulic head in obs. section at end of recovery period.
initial_press_pi	FLOAT	kPa	Groundwater pressure in obs.section at start of flow period
press_at_flow_end_pp	FLOAT	kPa	Groundwater pressure in obs. section at stop of flow period
final_press_pf	FLOAT	kPa	Groundwater pressure in obs.section at stop of the recovery
fluid_temp_teo	FLOAT	oC	Measured fluid temperature in obs.section,see descr.
fluid_elcond_eco	FLOAT	mS/m	Measured fluid el. conductivity in obs.section,see descr.
fluid_salinity_tdso	FLOAT	mg/l	Total dissolved solids of section fluid,based on EC see desc
fluid_salinity_tdsom	FLOAT	mg/l	Tot disolved solids of section fluid based on analysis,see..
reference	CHAR		SKB report No for reports describing data and evaluation
comment	CHAR		Short comment to evaluated data.
error_flag	CHAR		If error_flag = "*" then an error ocured and an error
in_use	CHAR		If in_use = "*" then the activity has been selected as
sign	CHAR		Activity QA signature

idcode	start_date	stop_date	(m)		section_no	_type	formatio_n_type	(yyyyymmdd)		test_bo_rehole	(m)		lp	(m)		radial_dist_ance_rs	(s)		(m)		head_at_flo_w_end_hp	final_he ad_hp	comment
			secup	seclow				start_flow_period	stop_flow_period		test_secup	test_seclow		time_lag_press_dtl	initial_h_ead_hi								
HLX11	2006.08.27 00:07	2006.09.07 23:59	17.00	70.00	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	35.00	1056.30		9.00	8.97	8.94	no response due to pumping in source				
HLX11	2006.08.27 00:07	2006.09.07 23:59	6.00	16.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	15.00	1056.30		8.93	8.89	8.84	no response due to pumping in source				
HLX13	2006.08.27 00:04	2006.09.07 23:59	12.00	200.20	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	111.00	463.10		4.62	4.58	4.70	no response due to pumping in source				
HLX14	2006.08.27 00:00	2006.09.07 23:59	12.00	115.90	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	114.00	411.90		1.17	1.03	1.22	no response due to pumping in source				
HLX23	2006.08.27 00:05	2006.09.07 23:59	61.00	160.20	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	67.00	887.50		10.22	10.23	10.23	no response due to pumping in source				
HLX23	2006.08.27 00:00	2006.09.07 23:59	6.10	60.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	49.00	886.80		10.12	10.12	10.12	no response due to pumping in source				
HLX24	2006.08.27 00:03	2006.09.07 23:59	41.00	175.20	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	121.00	845.00		10.27	10.28	10.27	no response due to pumping in source				
HLX24	2006.08.27 00:08	2006.09.07 23:59	9.10	40.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	10.00	896.10		10.22	10.19	10.17	no response due to pumping in source				
HLX25	2006.08.27 00:07	2006.09.07 23:59	61.00	202.50	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	175.00	339.80	#NV	8.80	8.73	8.77					
HLX25	2006.08.27 00:02	2006.09.07 23:59	6.12	60.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	52.00	416.70	#NV	8.85	8.78	8.83					
HLX30	2006.08.27 00:06	2006.09.07 23:59	101.00	163.40	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	138.00	220.90	#NV	9.58	9.52	9.56					
HLX30	2006.08.27 00:00	2006.09.07 23:59	9.10	100.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	88.00	260.40	#NV	9.63	9.57	9.59					
HLX31	2006.08.27 00:09	2006.09.07 23:59	9.10	133.20	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	130.00	244.20	#NV	9.55	9.49	9.53					
HLX33	2006.08.29 14:44	2006.09.07 23:59	31.00	202.10	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	181.00	622.60		10.24	10.27	10.25	no response due to pumping in source				
HLX33	2006.08.29 14:42	2006.09.07 23:59	9.10	30.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	22.00	681.60		10.18	10.20	10.20	no response due to pumping in source				
HLX34	2006.08.27 00:06	2006.09.07 23:59	9.10	151.80	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	112.00	713.40		12.17	12.32	12.40	no response due to pumping in source				
HLX35	2006.08.27 00:00	2006.09.07 23:59	65.00	151.80	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	125.00	764.80		11.23	11.38	11.50	no response due to pumping in source				
HLX35	2006.08.27 00:00	2006.09.07 23:59	6.10	64.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	33.00	743.70		11.11	11.08	11.03	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	1165.00	1700.00	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	1432.50	1609.30		7.30	7.29	7.29	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	1145.00	1164.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	1154.50	1421.70		5.71	5.69	5.67	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	718.00	1144.00	3	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	931.00	1294.80		2.79	2.76	2.74	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	495.00	717.00	4	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	606.00	1163.60		5.35	5.38	5.37	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	452.00	494.00	5	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	473.00	1132.70		6.12	6.15	6.16	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	348.00	451.00	6	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	399.50	1121.90		6.71	6.76	6.77	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	209.00	347.00	7	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	278.00	1114.70		8.18	8.25	8.23	no response due to pumping in source				
KLX02	2006.08.27 00:00	2006.09.08 00:00	100.35	208.00	8	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	205.50	1116.70		10.51	10.59	10.55	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	965.00	971.00	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	970.00	1338.00		11.65	11.63	11.64	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	830.00	964.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	900.00	1292.60		9.57	9.59	9.57	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	752.00	829.00	3	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	770.00	1212.40		9.59	9.58	9.59	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	729.00	751.00	4	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	745.00	1197.80		9.39	9.38	9.39	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	652.00	728.00	5	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	660.00	1149.90		9.51	9.50	9.52	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	465.00	651.00	6	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	620.00	1128.60		9.23	9.23	9.23	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	349.00	464.00	7	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	410.00	1034.00		8.94	8.95	8.96	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	199.00	348.00	8	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	265.00	988.20		9.69	9.70	9.71	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	193.00	198.00	9	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	195.00	972.60		9.83	9.84	9.84	no response due to pumping in source				
KLX03	2006.08.27 00:00	2006.09.08 00:00	100.05	192.00	X	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	146.00	964.40		9.64	9.66	9.67	no response due to pumping in source				
KLX04	2006.08.27 00:00	2006.09.08 00:00	898.00	1000.00	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	949.00	724.20		9.79	9.77	9.73	no response due to pumping in source				
KLX04	2006.08.27 00:00	2006.09.08 00:00	870.00	897.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	883.50	660.70		7.98	7.94	7.92	no response due to pumping in source				
KLX04	2006.08.27 00:00	2006.09.08 00:00	686.00	869.00	3	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	777.50	559.00		9.93	9.96	9.99	no response due to pumping in source				
KLX04	2006.08.27 00:00	2006.09.08 00:00	531.00	685.00	4	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	608.00	400.80	#NV	9.44	9.35	9.45					
KLX04	2006.08.27 00:00	2006.09.08 00:00	507.00	530.00	5	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	518.50	322.20	644	8.69	8.42	8.74					
KLX04	2006.08.27 00:00	2006.09.08 00:00	231.00	506.00	6	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	368.50	210.60	#NV	9.39	9.30	9.40					
KLX04	2006.08.27 00:00	2006.09.08 00:00	163.00	230.00	7	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	195.50	177.10	464	8.67	8.33	8.74					
KLX04	2006.08.27 00:00	2006.09.08 00:00	12.24	162.00	8	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	87.00	231.50	#NV	9.79	9.59	9.85					
KLX06	2006.08.27 00:00	2006.09.08 00:00	761.00	1000.00	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	840.00	1398.10		9.02	9.07	9.07	no response due to pumping in source				
KLX06	2006.08.27 00:00	2006.09.08 00:00	571.00	760.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	620.00	1226.90		6.19	6.19	6.21	no response due to pumping in source				
KLX06	2006.08.27 00:00	2006.09.08 00:00	554.00	570.00	3	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	560.00	1186.10		5.73	5.71	5.74	no response due to pumping in source				
KLX06	2006.08.27 00:00	2006.09.08 00:00	411.00	553.00	4	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	500.00	1148.20		5.71	5.71	5.73	no response due to pumping in source				
KLX06	2006.08.27 00:00	2006.09.08 00:00	276.00	410.00	5	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	330.00	1064.50		11.60	11.67	11.72	no response due to pumping in source				
KLX06	2006.08.27 00:00	2006.09.08 00:00	256.00	275.00	6	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	260.00	1041.30		11.62	11.68	11.74	no response due to pumping in source				
KLX06	2006.08.27 00:00	2006.09.08 00:00	146.00	255.00	7	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	200.00	1027.40		11.61	11.67	11.72	no response due to pumping in source				
KLX06	2006.08.27 00:00	2006.09.08 00:00	11.88	145.00	8	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00												

idcode	start_date	stop_date	(m)		section_no	_type	formatio_n_type	(yyyyymmdd)		test_bo_rehole	(m)		lp	(m)		radial_dist_ance_rs	(s)		(m)		(m)		comment
			secup	seclow				start_flow_period	stop_flow_period		test_secup	test_seclow		time_lag_press_dtl	initial_h_ead_hi		head_at_flo_w_end_hp	final_h_ad_he					
KLX07B	2006.08.27 00:00	2006.09.08 00:00	95.00	200.00	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	120.00	1115.20		9.03	9.08	9.06	no response due to pumping in source				
KLX07B	2006.08.27 00:00	2006.09.08 00:00	9.64	94.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	60.00	1122.70		9.37	9.42	9.39	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	711.00	1001.00	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	850.00	917.00		5.84	5.86	5.88	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	689.00	710.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	700.00	835.00		5.83	5.80	5.80	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	465.00	688.00	3	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	550.00	772.70		8.75	8.83	8.92	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	369.00	464.00	4	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	420.00	738.20		10.89	10.94	10.94	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	351.00	368.00	5	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	360.00	729.60		11.10	11.15	11.15	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	291.00	350.00	6	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	320.00	726.60		11.25	11.30	11.29	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	131.00	290.00	7	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	200.00	731.40		11.73	11.78	11.78	no response due to pumping in source				
KLX10	2006.08.27 00:00	2006.09.08 00:00	9.20	130.00	8	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	60.00	761.30		11.72	11.76	11.76	no response due to pumping in source				
KLX18A	2006.08.30 12:00	2006.09.08 00:00	440.00	611.28	1	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	432.00	595.20		10.97	10.91	10.97	no response due to pumping in source				
KLX18A	2006.08.30 12:00	2006.09.08 00:00	241.00	439.00	2	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	340.00	570.90	#NV	10.07	10.03	10.14					
KLX18A	2006.08.30 12:00	2006.09.08 00:00	11.83	240.00	3	2	1	060830 15:36:01	060902 15:50:12	KLX08	241.00	341.00	120.00	571.30		11.94	12.07	12.08	no response due to pumping in source				
HLX11	2006.09.08 00:00	2006.09.18 23:59	17.00	70.00	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	35.00	1092.70		8.86	8.86	8.86	no response due to pumping in source				
HLX11	2006.09.08 00:00	2006.09.18 23:59	6.00	16.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	15.00	1092.70		8.77	8.78	8.77	no response due to pumping in source				
HLX13	2006.09.08 00:00	2006.09.18 23:59	12.00	200.20	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	111.00	476.30	21397	4.58	4.25	4.54					
HLX14	2006.09.08 00:00	2006.09.18 23:59	12.00	115.90	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	114.00	435.20	#NV	1.43	0.59	1.02					
HLX23	2006.09.08 00:00	2006.09.18 23:59	61.00	160.20	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	67.00	918.20	#NV	10.19	10.17	10.17					
HLX23	2006.09.08 00:00	2006.09.18 23:59	6.10	60.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	49.00	919.70	#NV	10.10	10.09	10.08					
HLX24	2006.09.08 00:00	2006.09.18 23:59	41.00	175.20	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	121.00	873.40	#NV	10.23	10.21	10.20					
HLX24	2006.09.08 00:00	2006.09.18 23:59	9.10	40.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	10.00	928.90		10.14	10.13	10.12	no response due to pumping in source				
HLX25	2006.09.08 00:00	2006.09.18 23:59	61.00	202.50	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	175.00	347.00	6153	8.67	8.14	8.64					
HLX25	2006.09.08 00:00	2006.09.18 23:59	6.12	60.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	52.00	440.10	6407	8.73	8.20	8.69					
HLX30	2006.09.08 00:00	2006.09.18 23:59	101.00	163.40	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	138.00	255.40	7945	9.49	8.91	9.45					
HLX30	2006.09.08 00:00	2006.09.18 23:59	9.10	100.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	88.00	301.20	12959	9.53	9.06	9.48					
HLX31	2006.09.08 00:00	2006.09.18 23:59	9.10	133.20	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	130.00	279.00	7504	9.46	8.88	9.42					
HLX33	2006.09.08 00:00	2006.09.18 23:59	31.00	202.10	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	181.00	638.00	#NV	10.19	10.12	10.15					
HLX33	2006.09.08 00:00	2006.09.18 23:59	9.10	30.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	22.00	708.70	#NV	10.16	10.12	10.14					
HLX34	2006.09.08 00:00	2006.09.18 23:59	9.10	151.80	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	112.00	745.30		12.31	12.34	12.34	no response due to pumping in source				
HLX35	2006.09.08 00:00	2006.09.18 23:59	65.00	151.80	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	125.00	693.80		11.43	11.43	11.43	no response due to pumping in source				
HLX35	2006.09.08 00:00	2006.09.18 23:59	6.10	64.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	33.00	769.50		10.98	10.96	10.93	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	1165.00	1700.00	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	1432.50	1563.40		7.13	7.17	7.19	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	1145.00	1164.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	1154.50	1387.10		5.55	5.58	5.61	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	718.00	1144.00	3	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	931.00	1272.30		2.61	2.64	2.66	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	495.00	717.00	4	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	606.00	1163.50		5.31	5.36	5.35	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	452.00	494.00	5	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	473.00	1142.90		6.04	6.10	6.12	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	348.00	451.00	6	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	399.50	1138.00		6.65	6.71	6.73	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	209.00	347.00	7	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	278.00	1140.50		8.13	8.19	8.19	no response due to pumping in source				
KLX02	2006.09.08 00:00	2006.09.19 00:00	100.35	208.00	8	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	205.50	1148.20		10.38	10.38	10.34	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	965.00	971.00	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	970.00	1242.60		11.52	11.57	11.63	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	830.00	964.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	900.00	1199.60		9.46	9.52	9.55	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	752.00	829.00	3	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	770.00	1124.90		9.46	9.51	9.56	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	729.00	751.00	4	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	745.00	1111.40		9.26	9.30	9.36	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	652.00	728.00	5	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	660.00	1068.00		9.34	9.35	9.39	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	465.00	651.00	6	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	620.00	1049.00		9.06	9.09	9.12	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	349.00	464.00	7	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	410.00	969.60		8.80	8.81	8.84	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	199.00	348.00	8	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	265.00	937.10		9.61	9.59	9.59	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	193.00	198.00	9	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	195.00	928.70		9.73	9.70	9.70	no response due to pumping in source				
KLX03	2006.09.08 00:00	2006.09.19 00:00	100.05	192.00	X	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	146.00	925.70		9.59	9.54	9.52	no response due to pumping in source				
KLX04	2006.09.08 00:00	2006.09.19 00:00	898.00	1000.00	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	949.00	658.20		9.60	9.62	9.55	no response due to pumping in source				
KLX04	2006.09.08 00:00	2006.09.19 00:00	870.00	897.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	883.50	597.50		7.79	7.80	7.75	no response due to pumping in source				
KLX04	2006.09.08 00:00	2006.09.19 00:00	686.00	869.00	3	2	1	060911 14:25:26	060914 14:25:53	KLX08</													

idcode	start_date	stop_date	(m)		section_no	_type	formatio_n_type	(yyyyymmdd)		test_bo_rehole	(m)		lp	(m)		time_lag_press_dtl	(s)		(m)		head_at_flow_end_hp	final_head	comment
			secup	seclow				start_flow_period	stop_flow_period		test_secup	test_seclo		radial_distance	initial_head		head_at_flow_end_hp	final_head					
KLX06	2006.09.08 00:00	2006.09.19 00:00	554.00	570.00	3	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	560.00	1224.80		5.56	5.59	5.63	no response due to pumping in source				
KLX06	2006.09.08 00:00	2006.09.19 00:00	411.00	553.00	4	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	500.00	1190.80		5.54	5.58	5.62	no response due to pumping in source				
KLX06	2006.09.08 00:00	2006.09.19 00:00	276.00	410.00	5	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	330.00	1120.00		11.59	11.57	11.54	no response due to pumping in source				
KLX06	2006.09.08 00:00	2006.09.19 00:00	256.00	275.00	6	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	260.00	1093.90		11.60	11.58	11.54	no response due to pumping in source				
KLX06	2006.09.08 00:00	2006.09.19 00:00	146.00	255.00	7	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	200.00	1093.20		11.59	11.57	11.52	no response due to pumping in source				
KLX06	2006.09.08 00:00	2006.09.19 00:00	11.88	145.00	8	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	66.00	1084.50		11.21	11.18	11.14	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	781.00	844.73	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	820.00	1373.00		3.59	3.63	3.65	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	753.00	780.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	765.00	1345.40		3.29	3.32	3.34	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	612.00	752.00	3	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	640.00	1289.90		3.43	3.49	3.52	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	457.00	611.00	4	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	490.00	1237.40		7.13	7.33	7.23	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	333.00	456.00	5	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	380.00	1211.00		7.53	7.73	7.67	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	204.00	332.00	6	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	250.00	1188.10		8.39	8.42	8.41	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	104.00	203.00	7	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	160.00	1173.60		8.64	8.67	8.67	no response due to pumping in source				
KLX07A	2006.09.08 00:00	2006.09.19 00:00	102.00	103.00	8	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	102.00	1173.60		9.30	9.34	9.33	no response due to pumping in source				
KLX07B	2006.09.08 00:00	2006.09.19 00:00	95.00	200.00	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	120.00	1151.40		8.94	8.95	8.94	no response due to pumping in source				
KLX07B	2006.09.08 00:00	2006.09.19 00:00	9.64	94.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	60.00	1163.80		9.27	9.26	9.24	no response due to pumping in source				
KLX10	2006.09.08 00:00	2006.09.19 00:00	711.00	1001.00	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	850.00	835.90		5.70	5.74	5.77	no response due to pumping in source				
KLX10	2006.09.08 00:00	2006.09.19 00:00	689.00	710.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	700.00	764.40		5.63	5.66	5.66	no response due to pumping in source				
KLX10	2006.09.08 00:00	2006.09.19 00:00	465.00	688.00	3	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	550.00	716.50	#NV	8.78	8.62	8.67					
KLX10	2006.09.08 00:00	2006.09.19 00:00	369.00	464.00	4	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	420.00	697.50		10.85	10.85	10.84	no response due to pumping in source				
KLX10	2006.09.08 00:00	2006.09.19 00:00	351.00	368.00	5	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	360.00	696.90		11.05	11.05	11.04	no response due to pumping in source				
KLX10	2006.09.08 00:00	2006.09.19 00:00	291.00	350.00	6	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	320.00	699.40		11.20	11.19	11.18	no response due to pumping in source				
KLX10	2006.09.08 00:00	2006.09.19 00:00	131.00	290.00	7	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	200.00	720.80		11.68	11.68	11.67	no response due to pumping in source				
KLX10	2006.09.08 00:00	2006.09.19 00:00	9.20	130.00	8	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	60.00	769.30		11.67	11.67	11.65	no response due to pumping in source				
KLX18A	2006.09.08 00:00	2006.09.19 00:00	440.00	611.28	1	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	432.00	520.70	#NV	10.83	10.43	10.73					
KLX18A	2006.09.08 00:00	2006.09.19 00:00	241.00	439.00	2	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	340.00	510.70	7267	10.00	8.71	9.89					
KLX18A	2006.09.08 00:00	2006.09.19 00:00	11.83	240.00	3	2	1	060911 14:25:26	060914 14:25:53	KLX08	357.00	497.00	120.00	551.70	#NV	11.99	11.90	11.91					
HLX11	2006.09.17 00:00	2006.09.27 12:54	17.00	70.00	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	35.00	1032.10		8.78	8.75	8.73	no response due to pumping in source				
HLX11	2006.09.17 00:00	2006.09.27 13:04	6.00	16.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	15.00	1032.10		8.72	8.66	8.63	no response due to pumping in source				
HLX13	2006.09.17 00:00	2006.09.27 14:31	12.00	200.20	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	111.00	475.40	3672	4.53	3.82	4.38					
HLX14	2006.09.17 00:00	2006.09.27 23:59	12.00	115.90	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	114.00	416.10	#NV	1.05	-0.15	0.92					
HLX23	2006.09.17 00:00	2006.09.27 13:26	61.00	160.20	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	67.00	872.80		10.13	10.07	10.05	no response due to pumping in source				
HLX23	2006.09.17 00:00	2006.09.27 13:14	6.10	60.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	49.00	869.50		10.04	9.99	9.96	no response due to pumping in source				
HLX24	2006.09.17 00:00	2006.09.27 13:43	41.00	175.20	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	121.00	834.00		10.16	10.09	10.07	no response due to pumping in source				
HLX24	2006.09.17 00:00	2006.09.27 13:34	9.10	40.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	10.00	878.60		10.07	10.03	10.01	no response due to pumping in source				
HLX25	2006.09.17 00:00	2006.09.27 14:38	61.00	202.50	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	175.00	370.30	3515	8.65	7.97	8.59					
HLX25	2006.09.17 00:00	2006.09.27 14:44	6.12	60.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	52.00	421.40	3515	8.71	8.02	8.64					
HLX30	2006.09.17 00:00	2006.09.27 14:15	101.00	163.40	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	138.00	244.90	3507	9.44	8.74	9.34					
HLX30	2006.09.17 00:00	2006.09.27 14:08	9.10	100.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	88.00	266.90	5221	9.47	8.87	9.38					
HLX31	2006.09.17 00:00	2006.09.27 13:58	9.10	133.20	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	130.00	263.20	3306	9.42	8.72	9.31					
HLX33	2006.09.17 00:00	2006.09.27 12:26	31.00	202.10	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	181.00	633.20	#NV	10.11	10.01	10.03					
HLX33	2006.09.17 00:00	2006.09.27 12:36	9.10	30.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	22.00	675.40	#NV	10.11	10.04	10.06					
HLX34	2006.09.17 00:00	2006.09.27 15:10	9.10	151.80	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	112.00	691.70		12.29	12.10	12.05	no response due to pumping in source				
HLX35	2006.09.17 00:00	2006.09.27 14:54	65.00	151.80	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	125.00	669.70		11.39	11.20	11.11	no response due to pumping in source				
HLX35	2006.09.17 00:00	2006.09.27 15:00	6.10	64.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	33.00	728.50		10.90	10.87	10.85	no response due to pumping in source				
KLX02	2006.09.17 00:00	2006.09.28 00:00	1165.00	1700.00	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	1432.50	1674.00		7.12	7.08	7.12	no response due to pumping in source				
KLX02	2006.09.17 00:00	2006.09.28 00:00	1145.00	1164.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	1154.50	1475.40		5.54	5.50	5.50	no response due to pumping in source				
KLX02	2006.09.17 00:00	2006.09.28 00:00	718.00	1144.00	3	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	931.00	1336.50		2.59	2.57	2.56	no response due to pumping in source				
KLX02	2006.09.17 00:00	2006.09.28 00:00	495.00	717.00	4	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	606.00	1181.80		5.29	5.24	5.23	no response due to pumping in source				
KLX02	2006.09.17 00:00	2006.09.28 00:00	452.00	494.00	5	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	473.00	1139.20		6.03	6.00	6.00	no response due to pumping in source				
KLX02	2006.09.17 00:00	2006.09.28 00:00	348.00	451.00	6	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	399.50	1121.70		6.64	6.60	6.59	no response due to pumping in source				
KLX02	2006.09.17 00:00	2006.09.28 00:00	209.00	347.00	7	2	1	060921 16:48:31	060924														

idcode	start_date	stop_date	(m)		section_no	_type	formatio_n_type	(yyyyymmdd)		test_bo_rehole	test_secup	test_seclo	lp	(m)		radial_dist_ance_rs	time_lag_press_dt	initial_h_lead_hi	head_at_flo_w_end_hp	final_he_ad_hf	comment
			secup	seclow				start_flow_period	stop_flow_period					lp	radial_dist_ance_rs						
KLX03	2006.09.17 00:00	2006.09.28 00:00	349.00	464.00	7	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	410.00	1117.00			8.78	8.72	8.72	no response due to pumping in source	
KLX03	2006.09.17 00:00	2006.09.28 00:00	199.00	348.00	8	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	265.00	1058.00			9.53	9.49	9.49	no response due to pumping in source	
KLX03	2006.09.17 00:00	2006.09.28 00:00	193.00	198.00	9	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	195.00	1035.10			9.64	9.60	9.60	no response due to pumping in source	
KLX03	2006.09.17 00:00	2006.09.28 00:00	100.05	192.00	X	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	146.00	1021.50			9.51	9.46	9.44	no response due to pumping in source	
KLX04	2006.09.17 00:00	2006.09.28 00:00	898.00	1000.00	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	949.00	813.80			9.54	9.52	9.50	no response due to pumping in source	
KLX04	2006.09.17 00:00	2006.09.28 00:00	870.00	897.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	883.50	749.00			7.72	7.70	7.69	no response due to pumping in source	
KLX04	2006.09.17 00:00	2006.09.28 00:00	686.00	869.00	3	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	777.50	644.20			9.77	9.45	9.48	no response due to pumping in source	
KLX04	2006.09.17 00:00	2006.09.28 00:00	531.00	685.00	4	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	608.00	477.40	#NV		9.25	8.33	8.94		
KLX04	2006.09.17 00:00	2006.09.28 00:00	507.00	530.00	5	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	518.50	390.30	669		8.57	6.62	8.46		
KLX04	2006.09.17 00:00	2006.09.28 00:00	231.00	506.00	6	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	368.50	248.10	#NV		9.18	8.27	8.87		
KLX04	2006.09.17 00:00	2006.09.28 00:00	163.00	230.00	7	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	195.50	111.60	69		8.50	5.58	8.50		
KLX04	2006.09.17 00:00	2006.09.28 00:00	12.24	162.00	8	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	87.00	109.90	69		9.78	7.76	9.73		
KLX06	2006.09.17 00:00	2006.09.28 00:00	761.00	1000.00	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	840.00	1381.30			8.83	8.78	8.78	no response due to pumping in source	
KLX06	2006.09.17 00:00	2006.09.28 00:00	571.00	760.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	620.00	1198.20			6.03	5.99	5.99	no response due to pumping in source	
KLX06	2006.09.17 00:00	2006.09.28 00:00	554.00	570.00	3	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	560.00	1153.30			5.57	5.51	5.52	no response due to pumping in source	
KLX06	2006.09.17 00:00	2006.09.28 00:00	411.00	553.00	4	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	500.00	1110.70			5.56	5.51	5.52	no response due to pumping in source	
KLX06	2006.09.17 00:00	2006.09.28 00:00	276.00	410.00	5	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	330.00	1011.90			11.45	11.35	11.29	no response due to pumping in source	
KLX06	2006.09.17 00:00	2006.09.28 00:00	256.00	275.00	6	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	260.00	981.80			11.46	11.36	11.31	no response due to pumping in source	
KLX06	2006.09.17 00:00	2006.09.28 00:00	146.00	255.00	7	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	200.00	961.90			11.45	11.35	11.29	no response due to pumping in source	
KLX06	2006.09.17 00:00	2006.09.28 00:00	11.88	145.00	8	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	66.00	929.60			11.06	10.99	10.94	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	781.00	844.73	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	820.00	1435.00			3.59	3.55	3.55	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	753.00	780.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	765.00	1399.90			3.27	3.24	3.24	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	612.00	752.00	3	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	640.00	1325.90			3.45	3.41	3.39	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	457.00	611.00	4	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	490.00	1248.50			7.01	7.01	6.91	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	333.00	456.00	5	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	380.00	1202.40			7.47	7.46	7.38	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	204.00	332.00	6	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	250.00	1154.90			8.33	8.29	8.27	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	104.00	203.00	7	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	160.00	1127.10			8.58	8.52	8.52	no response due to pumping in source	
KLX07A	2006.09.17 00:00	2006.09.28 00:00	102.00	103.00	8	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	102.00	1111.40			9.23	9.17	9.15	no response due to pumping in source	
KLX07B	2006.09.17 00:00	2006.09.28 00:00	95.00	200.00	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	120.00	1090.60			8.84	8.79	8.76	no response due to pumping in source	
KLX07B	2006.09.17 00:00	2006.09.28 00:00	9.64	94.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	60.00	1092.00			9.12	9.06	9.03	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	711.00	1001.00	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	850.00	1020.80			5.70	5.68	5.68	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	689.00	710.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	700.00	929.80			5.61	5.59	5.58	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	465.00	688.00	3	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	550.00	854.50			8.70	8.65	8.62	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	369.00	464.00	4	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	420.00	805.30			10.78	10.74	10.73	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	351.00	368.00	5	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	360.00	788.80			10.98	10.96	10.94	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	291.00	350.00	6	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	320.00	780.20			11.13	11.10	11.08	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	131.00	290.00	7	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	200.00	767.10			11.62	11.59	11.57	no response due to pumping in source	
KLX10	2006.09.17 00:00	2006.09.28 00:00	9.20	130.00	8	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	60.00	775.30			11.60	11.57	11.55	no response due to pumping in source	
KLX18A	2006.09.17 00:00	2006.09.26 17:24	440.00	611.28	1	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	432.00	693.40			10.71	10.57	10.59	no response due to pumping in source	
KLX18A	2006.09.17 00:00	2006.09.26 17:29	241.00	439.00	2	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	340.00	657.00	#NV		9.91	9.37	9.68		
KLX18A	2006.09.17 00:00	2006.09.26 17:23	11.83	240.00	3	2	1	060921 16:48:31	060924 17:11:51	KLX08	102.00	242.00	120.00	618.10			11.88	11.82	11.81	no response due to pumping in source	

Table		plu_inf_test_obs_ed	
PLU interference test, Observation section evaluation			
Column	Datatype	Unit	Column Description
site	CHAR		Investigation site name
activity_type	CHAR		Activity type code
start_date	DATE		Date (yymmdd hh:mm:ss)
stop_date	DATE		Date (yymmdd hh:mm:ss)
project	CHAR		project code
idcode	CHAR		Object or borehole identification code
secup	FLOAT	m	Upper section limit (m)
seclow	FLOAT	m	Lower section limit (m)
section_no	INTEGER	number	Section number
test_borehole	CHAR		Idcode of pumped/injected borehole
test_secup	FLOAT	m	Upper limit of pumped/injected section
test_seclow	FLOAT	m	Lower limit of pumped/injected section
formation_width_b	FLOAT	m	b:Aqifer thickness repr. for T(generally b=Lo),see descrip.
lp	FLOAT	m	Hydraulic point of application, see table descr.
width_of_channel_b	FLOAT	m	B:Inferred width of formation for evaluated TB
tbo	FLOAT	m**3/s	TBo,T=transmissivity,B= width of formation, see table descr.
l_measl_tbo	FLOAT	m**3/s	Estimated lower limit for evaluated TB, see table descript.
u_measl_tbo	FLOAT	m**3/s	Estimated upper limit for evaluated TB,see table descript.
sbo	FLOAT	m	Storage capacity of 1D formation(flow or recovery),see descr
leakage_factor_lof	FLOAT	m	Lof: 1D model for evaluation of leakage factor,see descr.
transmissivity_to	FLOAT	m**2/s	To=transmissivity,2D radial flow model, see table descr.
value_type_to	CHAR		0:true value (To),-1:<lower meas.limit,1:>upper meas.limit
l_measl_to	FLOAT	m**2/s	Estimated lower limit for evaluated To,see table descript.
u_measl_to	FLOAT	m**2/s	Estimated upper limit of evaluated To,see table description
storativity_so	FLOAT		So:Storativity, 2D rad flow model, see table descr.
leakage_coeff_o	FLOAT	1/s	K'/b':Leakage coefficient,2D rad flow model,see descr.
hydr_cond_kosf	FLOAT	m/s	3D model evaluation of hydraulic conductivity,see table des.
l_measl_kosf	FLOAT	m/s	Estimated lowermeas. limit of Ks,see table description
u_measl_kosf	FLOAT	m/s	Estimated upper meas. limit of Ks,see table description
spec_storage_sosf	FLOAT	1/m	3D model for evaluation of specific storage,se table descr.
dt1	FLOAT	s	Estimated start time of evaluation, see table description
dt2	FLOAT	s	Estimated stop time of evaluation, see table description
t1	FLOAT	s	Start time for evaluated parameter from start of flow period
t2	FLOAT	s	Stop time for evaluated parameter from start of flow period
dte1	FLOAT	s	Start time for evaluated parameter from start of recovery
dte2	FLOAT	s	Stop time for evaluated parameter from start of recovery
transmissivity_to_nlr	FLOAT	m**2/s	ToNLR:Transmissivity,based on Non Linear Regression,see desc
value_type_to_nlr	CHAR		0:true value (ToNLR),-1:<lower meas.limit,1:>uppermeas.limit
storativity_so_nlr	FLOAT		So_NLR:Storativity based on None Linear Regression, see des.
transmissivity_to_grf	FLOAT	m**2/s	ToGRF=transmissivity based on Generalized Radial Flow,see...
value_type_to_grf	CHAR		0:true value (ToGRF),-1:<lower meas.limit,1:>upp meas.limit
storativity_so_grf	FLOAT		So_GRF:Storativity based on Generalized Rad. Flow, see des.
flow_dim_grf_o	FLOAT		Inferred flow dimension based on Generalized Rad. Flow model
comments	CHAR		short comment to the evaluated parameters(Optional)
error_flag	CHAR		If error_flag = "*" then an error ocurred and an error
in_use	CHAR		If in_use = "*" then the activity has been selected as
sign	CHAR		Activity QA signature

idcode	start_date	stop_date	secup	seclo	section_no	test_borehole	test_secup	test_seclo	formation_width_b	lp	width_of_channel_b	tbo	l_meas_tbo	u_meas_tbo	sbo	leakage_factor_lof	transmissivity_to	value_type
			(m)	(m)			(m)	(m)	(m)	(m)	(m)	(m ³ /s)	(m ³ /s)	(m ³ /s)	(m)	(m)	(m ² /s)	
KLX04	2006.08.27 00:00	2006.09.08 00:00	507.00	530.00	5	KLX08	241.00	341.00			518.50						1.68E-04	0
KLX04	2006.08.27 00:00	2006.09.08 00:00	163.00	230.00	7	KLX08	241.00	341.00			195.50						8.16E-05	0
HLX13	2006.09.08 00:00	2006.09.18 23:59	12.00	200.20	1	KLX08	357.00	497.00			111.00						2.00E-04	0
HLX25	2006.09.08 00:00	2006.09.18 23:59	61.00	202.50	1	KLX08	357.00	497.00			175.00						2.25E-04	0
HLX25	2006.09.08 00:00	2006.09.18 23:59	6.12	60.00	2	KLX08	357.00	497.00			52.00						1.68E-04	0
HLX30	2006.09.08 00:00	2006.09.18 23:59	101.00	163.40	1	KLX08	357.00	497.00			138.00						1.71E-04	0
HLX30	2006.09.08 00:00	2006.09.18 23:59	9.10	100.00	2	KLX08	357.00	497.00			88.00						1.87E-04	0
HLX31	2006.09.08 00:00	2006.09.18 23:59	9.10	133.20	1	KLX08	357.00	497.00			130.00						1.57E-04	0
KLX04	2006.09.08 00:00	2006.09.19 00:00	531.00	685.00	4	KLX08	357.00	497.00			608.00						5.19E-05	0
KLX04	2006.09.08 00:00	2006.09.19 00:00	507.00	530.00	5	KLX08	357.00	497.00			518.50						1.81E-04	0
KLX04	2006.09.08 00:00	2006.09.19 00:00	231.00	506.00	6	KLX08	357.00	497.00			368.50						5.23E-05	0
KLX04	2006.09.08 00:00	2006.09.19 00:00	163.00	230.00	7	KLX08	357.00	497.00			195.50						9.22E-05	0
KLX04	2006.09.08 00:00	2006.09.19 00:00	12.24	162.00	8	KLX08	357.00	497.00			87.00						1.15E-04	0
KLX18A	2006.09.08 00:00	2006.09.19 00:00	241.00	439.00	2	KLX08	357.00	497.00			340.00						1.68E-04	0
HLX13	2006.09.17 00:00	2006.09.27 14:31	12.00	200.20	1	KLX08	102.00	242.00			111.00						2.50E-04	0
HLX14	2006.09.17 00:00	2006.09.27 23:59	12.00	115.90	1	KLX08	102.00	242.00			114.00						1.67E-04	0
HLX25	2006.09.17 00:00	2006.09.27 14:38	61.00	202.50	1	KLX08	102.00	242.00			175.00						2.11E-04	0
HLX25	2006.09.17 00:00	2006.09.27 14:44	6.12	60.00	2	KLX08	102.00	242.00			52.00						2.10E-04	0
HLX30	2006.09.17 00:00	2006.09.27 14:15	101.00	163.40	1	KLX08	102.00	242.00			138.00						1.92E-04	0
HLX30	2006.09.17 00:00	2006.09.27 14:08	9.10	100.00	2	KLX08	102.00	242.00			88.00						2.64E-04	0
HLX31	2006.09.17 00:00	2006.09.27 13:58	9.10	133.20	1	KLX08	102.00	242.00			130.00						2.00E-04	0
KLX04	2006.09.17 00:00	2006.09.28 00:00	531.00	685.00	4	KLX08	102.00	242.00			608.00						1.41E-04	0
KLX04	2006.09.17 00:00	2006.09.28 00:00	507.00	530.00	5	KLX08	102.00	242.00			518.50						1.02E-04	0
KLX04	2006.09.17 00:00	2006.09.28 00:00	231.00	506.00	6	KLX08	102.00	242.00			368.50						1.55E-04	0
KLX04	2006.09.17 00:00	2006.09.28 00:00	163.00	230.00	7	KLX08	102.00	242.00			195.50						8.23E-05	0
KLX04	2006.09.17 00:00	2006.09.28 00:00	12.24	162.00	8	KLX08	102.00	242.00			87.00						7.95E-05	0
KLX18A	2006.09.17 00:00	2006.09.26 17:29	241.00	439.00	2	KLX08	102.00	242.00			340.00						2.38E-04	0

