

HYDRO Completion log
Well: 30/9-10
Scale: 1000
Sheet: 1000-10000000
Date: 10/10/10

Location Map
Geographic coordinates: 51° 10' N, 10° 10' W
Elevation: 100 m
Well Depth: 3000 m
Total Depth: 3000 m
Production: 1000 m³/d

Log Scale

DEPTH (m)	TEMPERATURE (°C)	RESISTIVITY (Ω·m)	GRAB SAMPLE
0	10	100	
100	12	100	
200	14	100	
300	16	100	
400	18	100	
500	20	100	
600	22	100	
700	24	100	
800	26	100	
900	28	100	
1000	30	100	
1100	32	100	
1200	34	100	
1300	36	100	
1400	38	100	
1500	40	100	
1600	42	100	
1700	44	100	
1800	46	100	
1900	48	100	
2000	50	100	
2100	52	100	
2200	54	100	
2300	56	100	
2400	58	100	
2500	60	100	
2600	62	100	
2700	64	100	
2800	66	100	
2900	68	100	
3000	70	100	

Logarithmic Scale

DEPTH (m)	TEMPERATURE (°C)	RESISTIVITY (Ω·m)
0	10	100
100	12	100
200	14	100
300	16	100
400	18	100
500	20	100
600	22	100
700	24	100
800	26	100
900	28	100
1000	30	100
1100	32	100
1200	34	100
1300	36	100
1400	38	100
1500	40	100
1600	42	100
1700	44	100
1800	46	100
1900	48	100
2000	50	100
2100	52	100
2200	54	100
2300	56	100
2400	58	100
2500	60	100
2600	62	100
2700	64	100
2800	66	100
2900	68	100
3000	70	100

Geological Column

FORMATION	DEPTH (m)
QUATERNARY	0 - 100
TERTIARY	100 - 3000
- Upper Tertiary	100 - 1500
- Middle Tertiary	1500 - 2000
- Lower Tertiary	2000 - 3000

Core Reports

DEPTH (m)	FORMATION	DESCRIPTION
100	QUATERNARY	Clay
150	QUATERNARY	Sand
200	QUATERNARY	Clay
250	QUATERNARY	Sand
300	QUATERNARY	Clay
350	QUATERNARY	Sand
400	QUATERNARY	Clay
450	QUATERNARY	Sand
500	QUATERNARY	Clay
550	QUATERNARY	Sand
600	QUATERNARY	Clay
650	QUATERNARY	Sand
700	QUATERNARY	Clay
750	QUATERNARY	Sand
800	QUATERNARY	Clay
850	QUATERNARY	Sand
900	QUATERNARY	Clay
950	QUATERNARY	Sand
1000	QUATERNARY	Clay
1050	QUATERNARY	Sand
1100	QUATERNARY	Clay
1150	QUATERNARY	Sand
1200	QUATERNARY	Clay
1250	QUATERNARY	Sand
1300	QUATERNARY	Clay
1350	QUATERNARY	Sand
1400	QUATERNARY	Clay
1450	QUATERNARY	Sand
1500	QUATERNARY	Clay
1550	QUATERNARY	Sand
1600	QUATERNARY	Clay
1650	QUATERNARY	Sand
1700	QUATERNARY	Clay
1750	QUATERNARY	Sand
1800	QUATERNARY	Clay
1850	QUATERNARY	Sand
1900	QUATERNARY	Clay
1950	QUATERNARY	Sand
2000	QUATERNARY	Clay
2050	QUATERNARY	Sand
2100	QUATERNARY	Clay
2150	QUATERNARY	Sand
2200	QUATERNARY	Clay
2250	QUATERNARY	Sand
2300	QUATERNARY	Clay
2350	QUATERNARY	Sand
2400	QUATERNARY	Clay
2450	QUATERNARY	Sand
2500	QUATERNARY	Clay
2550	QUATERNARY	Sand
2600	QUATERNARY	Clay
2650	QUATERNARY	Sand
2700	QUATERNARY	Clay
2750	QUATERNARY	Sand
2800	QUATERNARY	Clay
2850	QUATERNARY	Sand
2900	QUATERNARY	Clay
2950	QUATERNARY	Sand
3000	QUATERNARY	Clay

Well Test Results

DEPTH (m)	TEMPERATURE (°C)	RESISTIVITY (Ω·m)
0	10	100
100	12	100
200	14	100
300	16	100
400	18	100
500	20	100
600	22	100
700	24	100
800	26	100
900	28	100
1000	30	100
1100	32	100
1200	34	100
1300	36	100
1400	38	100
1500	40	100
1600	42	100
1700	44	100
1800	46	100
1900	48	100
2000	50	100
2100	52	100
2200	54	100
2300	56	100
2400	58	100
2500	60	100
2600	62	100
2700	64	100
2800	66	100
2900	68	100
3000	70	100

Formation Pressure Worksheets

DEPTH (m)	FORMATION	TEMPERATURE (°C)	RESISTIVITY (Ω·m)
0	QUATERNARY	10	100
100	QUATERNARY	12	100
200	QUATERNARY	14	100
300	QUATERNARY	16	100
400	QUATERNARY	18	100
500	QUATERNARY	20	100
600	QUATERNARY	22	100
700	QUATERNARY	24	100
800	QUATERNARY	26	100
900	QUATERNARY	28	100
1000	QUATERNARY	30	100
1100	QUATERNARY	32	100
1200	QUATERNARY	34	100
1300	QUATERNARY	36	100
1400	QUATERNARY	38	100
1500	QUATERNARY	40	100
1600	QUATERNARY	42	100
1700	QUATERNARY	44	100
1800	QUATERNARY	46	100
1900	QUATERNARY	48	100
2000	QUATERNARY	50	100
2100	QUATERNARY	52	100
2200	QUATERNARY	54	100
2300	QUATERNARY	56	100
2400	QUATERNARY	58	100
2500	QUATERNARY	60	100
2600	QUATERNARY	62	100
2700	QUATERNARY	64	100
2800	QUATERNARY	66	100
2900	QUATERNARY	68	100
3000	QUATERNARY	70	100

Core Report 1

DEPTH (m)	FORMATION	DESCRIPTION
100	QUATERNARY	Clay
150	QUATERNARY	Sand
200	QUATERNARY	Clay
250	QUATERNARY	Sand
300	QUATERNARY	Clay
350	QUATERNARY	Sand
400	QUATERNARY	Clay
450	QUATERNARY	Sand
500	QUATERNARY	Clay
550	QUATERNARY	Sand
600	QUATERNARY	Clay
650	QUATERNARY	Sand
700	QUATERNARY	Clay
750	QUATERNARY	Sand
800	QUATERNARY	Clay
850	QUATERNARY	Sand
900	QUATERNARY	Clay
950	QUATERNARY	Sand
1000	QUATERNARY	Clay
1050	QUATERNARY	Sand
1100	QUATERNARY	Clay
1150	QUATERNARY	Sand
1200	QUATERNARY	Clay
1250	QUATERNARY	Sand
1300	QUATERNARY	Clay
1350	QUATERNARY	Sand
1400	QUATERNARY	Clay
1450	QUATERNARY	Sand
1500	QUATERNARY	Clay
1550	QUATERNARY	Sand
1600	QUATERNARY	Clay
1650	QUATERNARY	Sand
1700	QUATERNARY	Clay
1750	QUATERNARY	Sand
1800	QUATERNARY	Clay
1850	QUATERNARY	Sand
1900	QUATERNARY	Clay
1950	QUATERNARY	Sand
2000	QUATERNARY	Clay
2050	QUATERNARY	Sand
2100	QUATERNARY	Clay
2150	QUATERNARY	Sand
2200	QUATERNARY	Clay
2250	QUATERNARY	Sand
2300	QUATERNARY	Clay
2350	QUATERNARY	Sand
2400	QUATERNARY	Clay
2450	QUATERNARY	Sand
2500	QUATERNARY	Clay
2550	QUATERNARY	Sand
2600	QUATERNARY	Clay
2650	QUATERNARY	Sand
2700	QUATERNARY	Clay
2750	QUATERNARY	Sand
2800	QUATERNARY	Clay
2850	QUATERNARY	Sand
2900	QUATERNARY	Clay
2950	QUATERNARY	Sand
3000	QUATERNARY	Clay

Core Report 2

DEPTH (m)	FORMATION	DESCRIPTION
100	QUATERNARY	Clay
150	QUATERNARY	Sand
200	QUATERNARY	Clay
250	QUATERNARY	Sand
300	QUATERNARY	Clay
350	QUATERNARY	Sand
400	QUATERNARY	Clay
450	QUATERNARY	Sand
500	QUATERNARY	Clay
550	QUATERNARY	Sand
600	QUATERNARY	Clay
650	QUATERNARY	Sand
700	QUATERNARY	Clay
750	QUATERNARY	Sand
800	QUATERNARY	Clay
850	QUATERNARY	Sand
900	QUATERNARY	Clay
950	QUATERNARY	Sand
1000	QUATERNARY	Clay
1050	QUATERNARY	Sand
1100	QUATERNARY	Clay
1150	QUATERNARY	Sand
1200	QUATERNARY	Clay
1250	QUATERNARY	Sand
1300	QUATERNARY	Clay
1350	QUATERNARY	Sand
1400	QUATERNARY	Clay
1450	QUATERNARY	Sand
1500	QUATERNARY	Clay
1550	QUATERNARY	Sand
1600	QUATERNARY	Clay
1650	QUATERNARY	Sand
1700	QUATERNARY	Clay
1750	QUATERNARY	Sand
1800	QUATERNARY	Clay
1850	QUATERNARY	Sand
1900	QUATERNARY	Clay
1950	QUATERNARY	Sand
2000	QUATERNARY	Clay
2050	QUATERNARY	Sand
2100	QUATERNARY	Clay
2150	QUATERNARY	Sand
2200	QUATERNARY	Clay
2250	QUATERNARY	Sand
2300	QUATERNARY	Clay
2350	QUATERNARY	Sand
2400	QUATERNARY	Clay
2450	QUATERNARY	Sand
2500	QUATERNARY	Clay
2550	QUATERNARY	Sand
2600	QUATERNARY	Clay
2650	QUATERNARY	Sand
2700	QUATERNARY	Clay
2750	QUATERNARY	Sand
2800	QUATERNARY	Clay
2850	QUATERNARY	Sand
2900	QUATERNARY	Clay
2950	QUATERNARY	Sand
3000	QUATERNARY	Clay

Core Report 3

DEPTH (m)	FORMATION	DESCRIPTION
100	QUATERNARY	Clay
150	QUATERNARY	Sand
200	QUATERNARY	Clay
250	QUATERNARY	Sand
300	QUATERNARY	Clay
350	QUATERNARY	Sand
400	QUATERNARY	Clay
450	QUATERNARY	Sand
500	QUATERNARY	Clay
550	QUATERNARY	Sand
600	QUATERNARY	Clay
650	QUATERNARY	Sand
700	QUATERNARY	Clay
750	QUATERNARY	Sand
800	QUATERNARY	Clay
850	QUATERNARY	Sand
900	QUATERNARY	Clay
950	QUATERNARY	Sand
1000	QUATERNARY	Clay
1050	QUATERNARY	Sand
1100	QUATERNARY	Clay
1150	QUATERNARY	Sand
1200	QUATERNARY	Clay
1250	QUATERNARY	Sand
1300	QUATERNARY	Clay
1350	QUATERNARY	Sand
1400	QUATERNARY	Clay
1450	QUATERNARY	Sand
1500	QUATERNARY	Clay
1550	QUATERNARY	Sand
1600	QUATERNARY	Clay
1650	QUATERNARY	Sand
1700	QUATERNARY	Clay
1750	QUATERNARY	Sand
1800	QUATERNARY	Clay
1850	QUATERNARY	Sand
1900	QUATERNARY	Clay
1950	QUATERNARY	Sand
2000	QUATERNARY	Clay
2050	QUATERNARY	Sand
2100	QUATERNARY	Clay
2150	QUATERNARY	Sand
2200	QUATERNARY	Clay
2250	QUATERNARY	Sand
2300	QUATERNARY	Clay
2350	QUATERNARY	Sand
2400	QUATERNARY	Clay
2450	QUATERNARY	Sand
2500	QUATERNARY	Clay
2550	QUATERNARY	Sand
2600	QUATERNARY	Clay
2650	QUATERNARY	Sand
2700	QUATERNARY	Clay
2750	QUATERNARY	Sand
2800	QUATERNARY	Clay
2850	QUATERNARY	Sand
2900	QUATERNARY	Clay
2950	QUATERNARY	Sand
3000	QUATERNARY	Clay

Core Report 4

DEPTH (m)	FORMATION	DESCRIPTION
100	QUATERNARY	Clay
150	QUATERNARY	Sand
200	QUATERNARY	Clay
250	QUATERNARY	Sand
300	QUATERNARY	Clay
350	QUATERNARY	Sand
400	QUATERNARY	Clay
450	QUATERNARY	Sand
500	QUATERNARY	Clay
550	QUATERNARY	Sand
600	QUATERNARY	Clay
650	QUATERNARY	Sand
700	QUATERNARY	Clay
750	QUATERNARY	Sand
800	QUATERNARY	Clay
850	QUATERNARY	Sand
900	QUATERNARY	Clay
950	QUATERNARY	Sand
1000	QUATERNARY	Clay
1050	QUATERNARY	Sand
1100	QUATERNARY	Clay
1150	QUATERNARY	Sand