YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLUID CONDUCTIVITY TEMPERATURE LOG

Company FLORIDA POWER & LIGHT
Well FAW-2
Field WEST COUNTY ENERGY CENTER
County PALM BEACH
State FL

Company FLORIDA POWER & LIGHT
Well FAW-2
Field WEST COUNTY ENERGY CENTER
County PALM BEACH
State FL
Location

Permanent Datum PAD Elevation
Log Measured From PAD
Drilling Measured From PAD

Elevation
K.B.
D.F.
G.L.

Other Services SEE COMMENTS

Date 14-FEB-2008
Run Number ONE
Depth Driller 10662
Depth Logger 10662
Bottom Log Interval 10662
Top Log Interval 1460
Casing Driller 12.25" @ 1460'
Casing Logger 12.25" @ 1460'
Bit Size 11"
Type Fluid WATER
Density / Viscosity N/A
Max Recorded Temp. N/A
Resistivity N/A
Estimated Cement Top 1000
Time Logger on Bottom 0000
Equipment Number ON LOCATION
Location FT. MYERS
Recorded By KOTTLER
Witnessed By

Run Number THREE
Depth Driller 10662
Depth Logger 10662
Bottom Log Interval 10662
Top Log Interval 1460
Casing Driller 12.25" @ 1460'
Casing Logger 12.25" @ 1460'
Bit Size 11"
Type Fluid WATER
Density / Viscosity N/A
Max Recorded Temp. N/A
Resistivity N/A
Estimated Cement Top 1000
Time Logger on Bottom 0000
Equipment Number ON LOCATION
Location FT. MYERS
Recorded By KOTTLER
Witnessed By

Run Number SIX
Depth Driller 10662
Depth Logger 10662
Bottom Log Interval 10662
Top Log Interval 1460
Casing Driller 12.25" @ 1460'
Casing Logger 12.25" @ 1460'
Bit Size 11"
Type Fluid WATER
Density / Viscosity N/A
Max Recorded Temp. N/A
Resistivity N/A
Estimated Cement Top 1000
Time Logger on Bottom 0000
Equipment Number ON LOCATION
Location FT. MYERS
Recorded By KOTTLER
Witnessed By

Bottom Recorded
SURFACE CASING
Depth 1460'

Bottom Recorded
SURFACE CASING
Depth 1460'

Bottom Recorded
SURFACE CASING
Depth 1460'

Top Logged
SURFACE CASING
1460'

Top Logged
SURFACE CASING
1460'

Top Logged
SURFACE CASING
1460'

Type Log
DYNAMIC FLUID CONDUCTIVITY
STATIC FLUID CONDUCTIVITY
DYNAMIC TEMP
STATIC TEMP

Type Log
DYNAMIC FLUID CONDUCTIVITY
STATIC FLUID CONDUCTIVITY
DYNAMIC TEMP
STATIC TEMP

Type Log
DYNAMIC FLUID CONDUCTIVITY
STATIC FLUID CONDUCTIVITY
DYNAMIC TEMP
STATIC TEMP

Scale
20 - 200000
20 - 200000
80 - 100
80 - 100

Scale
20 - 200000
20 - 200000
80 - 100
80 - 100

Scale
20 - 200000
20 - 200000
80 - 100
80 - 100

Logging Direction
Down

Logging Direction
Down

Logging Direction
Down

Optimization
Normal

Optimization
Normal

Optimization
Normal

Last Reading
10662

Last Reading
10662

Last Reading
10662

Run No. ONE
Pass No. 1
Max. Rec. Temp. 110°F
Equip. No. 2322
Location 315 W-1
Recorded By 1-W-1

Run No. THREE
Pass No. 1
Max. Rec. Temp. 110°F
Equip. No. 2322
Location 315 W-1
Recorded By 1-W-1

Run No. SIX
Pass No. 1
Max. Rec. Temp. 110°F
Equip. No. 2322
Location 315 W-1
Recorded By 1-W-1

Bottom Recorded
SURFACE CASING
Depth 1460'

Bottom Recorded
SURFACE CASING
Depth 1460'

Bottom Recorded
SURFACE CASING
Depth 1460'

Top Logged
SURFACE CASING
1460'

Top Logged
SURFACE CASING
1460'

Top Logged
SURFACE CASING
1460'

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

FLOWMETER
XYC/GR
FLOWMETER

YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

FLOWRATE=1,275 GPM

Database File: fplpw-2b.db
Dataset Pathname: run6/FRTD
Presentation Format: FRT_MG
Dataset Creation: Fri Feb 15 01:18:41 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

80 DYNAMIC TEMP (degF) 100 | 20 DYNAMIC FLUID CONDUCTIVITY (uS) 200000
80 STATIC TEMP (degF) 100 | 20 STATIC FLUID CONDUCTIVITY (uS) 200000

87.9	88.0	1000	10252.3	9690.2
87.9	87.9		10319.3	9587.9
87.8	88.1		10295.9	9542.6
		1050		
87.8	88.2		10376.5	9217.1
87.8	88.2		10380.6	9583.6
87.4	STATIC TEMP 87.9	1100	10341.6	STATIC FLUID CONDUCTIVITY 9656.6
87.8	87.9		10357.3	9646.7
88.0	88.1		10363.9	9536.7
		1150		
87.9	88.0		10397.5	9401.4
87.8	88.3		10385.1	9251.2
87.8	88.1	1200	10427.6	9423.8
88.0	88.4		10408.9	9661.3
87.9	88.2		10539.4	9737.0
		1250		
87.7	88.0		10548.3	9878.1
88.0	88.4		10463.7	9957.1
88.0	88.4	1300	10578.8	9976.2
88.1	88.0		10480.6	9953.3
88.1	88.7		10554.2	9988.0
		1350		
88.0	88.3		10576.5	10068.3
88.1	88.1		10484.4	10001.5
88.2	88.5	1400	10520.8	10005.1
88.1	87.9		10718.5	10004.5
88.3	STATIC TEMP 88.3		10695.6	STATIC FLUID CONDUCTIVITY 10122.9
		1450		
87.8	87.9		10748.4	10266.0
88.1	88.3		10616.8	10253.6

80 DYNAMIC TEMP (degF) 100 | 20 DYNAMIC FLUID CONDUCTIVITY (uS) 200000
80 STATIC TEMP (degF) 100 | 20 STATIC FLUID CONDUCTIVITY (uS) 200000

FRT Calibration Report

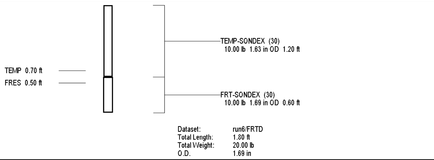
Serial Number: 30
Tool Model: SONDEX
Performed: Tue Apr 15 10:25:31 2003

Point #	Reading		Reference
1	32.596	cps	1000.000
2	175.215	cps	10000.000
3	425.338	cps	25000.000
4	947.399	cps	50000.000
5		cps	
6		cps	

Temperature Calibration Report

Serial Number: 30
Tool Model: SONDEX
Performed: Fri Apr 04 09:46:01 2003

Point #	Reading		Reference	
1	121.963	cps	36	degF
2	312.065	cps	79	degF
3	608.77	cps	136	degF



Dataset: run6/FRTD
Total Length: 1.80 ft
Total Weight: 20.00 lb
O.D. 1.69 in