YOUNGQUIST BROTHERS, Inc

Company PALM BEACH COUNTY
Well 99-W
Field LAKE REGION
County PALM BEACH
State FLORIDA

Company PALM BEACH COUNTY WATER UTIL
Well DEEP INJECTION WELL #1
County PALM BEACH
State FLORIDA
Permanent Datum GROUND SURFACE
Elevation 20 FT
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING
Elevation: K.B. 20 FT
D.F. FT
G.L. FT

Date 10-Feb-06
Run Number ONE
Depth-Driller 2,500 FT
Depth-Logger 2,500 FT
Bottom Logged Interval 2,500 FT
Top Logged Interval SURFACE
Type Fluid in Hole SALT WATER
Salinity, PPM Cl 19,000 PPM
Density / Viscosity 8.4 LB/GAL
PH / Fluid Loss 7.0
Source of Sample CIRCULATION
Rm @ Measured Temp 0.25 @ 70 °F
Rmf @ Measured Temp 0.25 @ 70 °F
Rmc @ Measured Temp 0.25 @ 70 °F
Source of Rmf / Rmc MEASURED
Rm @ BHT 0.25 @ 70 °F
Time Since Circulation 12 HOURS
Time on Bottom 10-Feb-06 10:00
Max Recorded Temp 70 °F
Equipment Number 1
Location PALM BEACH
Recorded By J. SMITH
Witnessed By

FLOWMETER LOG

Run No. 1 | Date 10-Feb-06 | Depth Driller 2,500 FT | Depth Logger 2,500 FT | Bottom Logged Interval 2,500 FT | Top Logged Interval SURFACE | Casing Driller 20" @ 1,100 FT | Casing Logger 1,100 FT | Bit Size 17.5 IN | Type Fluid in Hole SALT WATER | Density / Viscosity 8.4 LB/GAL | PH / Fluid Loss 7.0 | Source of Sample CIRCULATION | Rm @ Measured Temp 0.25 @ 70 °F | Rmf @ Measured Temp 0.25 @ 70 °F | Rmc @ Measured Temp 0.25 @ 70 °F | Source of Rmf / Rmc MEASURED | Rm @ BHT 0.25 @ 70 °F | Time Since Circulation 12 HOURS | Time on Bottom 10-Feb-06 10:00 | Max Recorded Temp 70 °F | Equipment Number 1 | Location PALM BEACH | Recorded By J. SMITH | Witnessed By

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

X-Y CALIPER GAMMA RAY
FLUID INDUCTANCE
BOREHOLE COMPENSATED SONIC
FLUID CONDUCTIVITY/TEMPERATURE
BHTV

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FLOWRATE = 260 GPM

Database File: bellee1.db
Dataset Pathname: run4/pass1.0
Presentation Format: PM_DNMO
Dataset Creation: Wed Apr 05 23:39:50 2006 by Log 6.2_84
Charted by: Depth in Feet scaled 1:240

0 L.S STATIC DOWN (Rmeas) 100 | DYNAMIC DOWN FLOW (cpm) | 60
0 L.S DYNAMIC DOWN (Rmeas)100 | STATIC DOWN FLOW (cpm) | 60
10 XCAL (in) 30

X-Caliper
Line Speed 60 FPM
STATIC DOWN FLOW
DYNAMIC DOWN FLOW

1900 1950 2000 2050 2100 2150 2200 2250 2300 2350 2400 2450 2500 2550 2600 2650 2700 2750 2800 2850 2900 2950

0 L.S STATIC DOWN (Rmeas) 100 | DYNAMIC DOWN FLOW (cpm) | 60
0 L.S DYNAMIC DOWN (Rmeas)100 | STATIC DOWN FLOW (cpm) | 60
10 XCAL (in) 30

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FLOWCALS 60,80,100 FPM

Database File: bellee1.db
Dataset Pathname: run4/pass1.0
Presentation Format: FLOWCALS
Dataset Creation: Wed Apr 05 01:58:16 2006 by Log 6.2_84
Charted by: Depth in Feet scaled 1:240

-10 LINE SPEED DOWN (Rmeas)110 | SPINNER DOWN CW (cps) | 50

60 FPM
80 FPM
100 FPM

3150 3200 3250 3300 3350 3400

-10 LINE SPEED DOWN (Rmeas)110 | SPINNER DOWN CW (cps) | 50

Dataset: run4/pass1.0
Total Length: 14.37 ft
Max Diameter: 5.5 in
Weight: 0.0