Company	PALM BEACH COUNTY
Well	WW #1
Field	LAKE REGION
County	PALM BEACH
State	FLORIDA
Permanent Datum	Ground Level
Log Measured From	Ground Level
Drilling Measured From	Ground Level
Elevation	
Elev.: K.B.	
D.F.	
G.L.	
Date	2006
Run Number	ONE
Depth Driller	
Depth Logger	
Bottom Logged Interval	
Top Logged Interval	
Casing Driller	
Casing Logger	
Bit Size	
Type Fluid in Hole	
Density / Viscosity	
pH / Fluid Loss	
Source of Sample	
Rm @ Meas. Temp.	
Rmf @ Meas. Temp.	
Rmc @ Meas. Temp.	
Source of Rmf / Rmc	
Rm @ BHT	
Time Since Circulation	
Time on Bottom	
Max. Rec. Temp.	
Equipment Number	
Location	
Recorded By	
Witnessed By	

YOUNGQUIST BROTHERS, Inc.
Corporate Headquarters: 5625 Oberlin Drive, San Diego, CA 92121 (858) 455-0778

Comments: PALM BEACH COUNTY WATER DEEP INJECTION WELL #1

FLOWMETER LOG

2006 Run 1 Log

All the recommendations or opinions based on Wireline Prize electrical or other measurements and not to warrant and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful 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

OTHER SERVICES

X-Y CALIPER GAMMA RAY
GAMMA RAY CASING
BOREHOLE TELEVIEWER
SONIC
FLUID CONDUCTIVITY / TEMPERATURE

DYNAMIC FLOWRATE = 275 GPM

YOUNGQUIST BROTHERS, Inc.

FLOWCALS 60,80,100 FPM

Database File: bellevr1.db
Dataset Pathname: run4/pass1
Presentation Format: FLOWCAL6
Dataset Creation: Mon Feb 20 00:47:11 2006 by Log 6_2_84
Charted by: Depth in Feet scaled 1:240

10 LINE SPEED DOWN (ft/min)	110	0 SPINNER DOWN CW (rpm)	50
10 LINE SPEED DOWN (ft/min)	110	0 SPINNER DOWN CW (rpm)	50

1400 1450 1500 1550 1600

60 FPM
80 FPM
100 FPM

YOUNGQUIST BROTHERS, Inc.

MERGED FLOWMETER

Database File: bellevr1.db
Dataset Pathname: run4/pass10
Presentation Format: MERGED
Dataset Creation: Mon Feb 20 03:50:28 2006 by Log 6_2_84
Charted by: Depth in Feet scaled 1:240

0 L.S STATIC DOWN (ft/min)	100	0 DYNAMIC DOWN FLOW (rpm)	60
0 L.S DYNAMIC DOWN (ft/min)	100	0 STATIC DOWN FLOW (rpm)	60
SCALE 1/4 in = 100 ft			

800 850 900 950 1000 1050 1100 1150 1200 1250 1300 1350 1400 1450 1500 1550 1600 1650 1700 1750 1800 1850 1900

DYNAMIC FLOWRATE = 275 GPM
STATIC DOWN FLOW
DYNAMIC DOWN FLOW
X-Caliper
Line Speed

0 L.S STATIC DOWN (ft/min)	100	0 DYNAMIC DOWN FLOW (rpm)	60
0 L.S DYNAMIC DOWN (ft/min)	100	0 STATIC DOWN FLOW (rpm)	60
SCALE 1/4 in = 100 ft			

Dataset: run4/pass10
Total Length: 14.28 ft
Max. OD: 3.28 in
Min. ID: 1.75 in