YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION
LL3 with SP
LOG

Company PALM BEACH COUNTY
Well DZMW #1
Field LAKE REGION
County PALM BEACH
State FLORIDA

Company	PALM BEACH COUNTY WATER UTIL.
Well	DZMW #1
Field	LAKE REGION
County	PALM BEACH
State	FLORIDA

Location

Other Services
XYC

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

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

Date	3-JUNE-2006		
Run Number	TWO		
Depth Driller	900'		
Depth Logger	900'		
Bottom Logged Interval	900'		
Top Log Interval	CASING		
Open Hole Size	12.25"		
Type Fluid	MUD		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	NA		
Time Well Ready	0700		
Time Logger on Bottom	0730		
Equipment Number	103		
Location	FT.MYERS		
Recorded By	CATHEY		
Witnessed By	A. JOHNSON		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	38.5"	SURFACE	199'				
TWO	12.25"	SURFACE	900'				
THREE							

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	30"	.375" W.T.	SURFACE	192'
Prot. String				
Production String				
Liner				

<<< Fold Here >>>

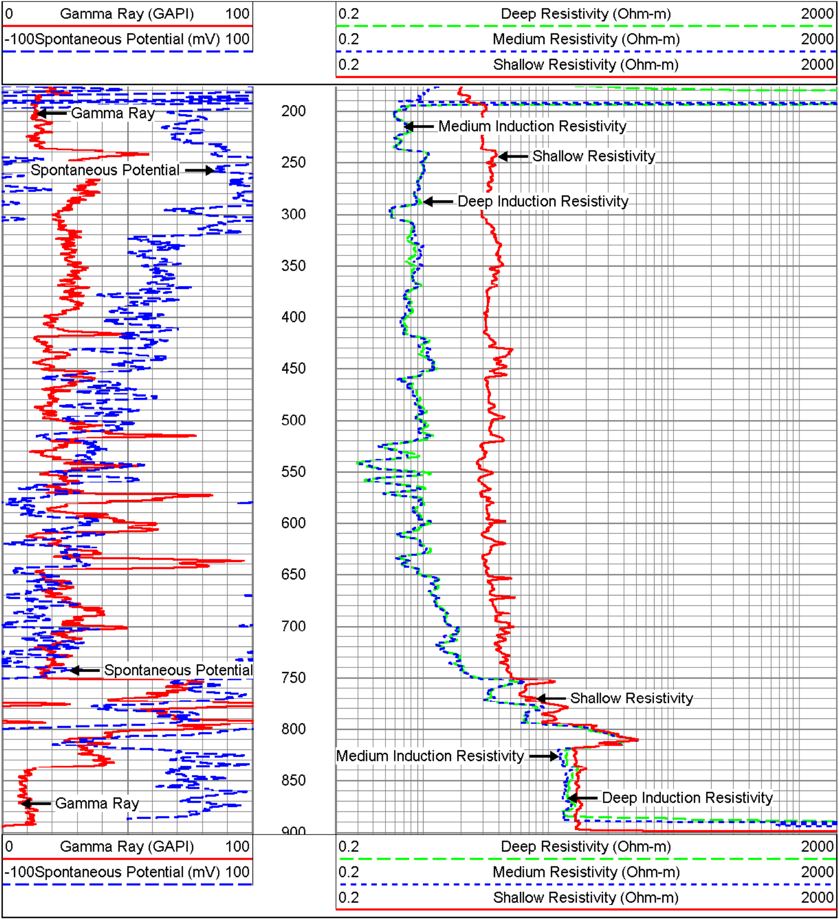
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

YOUNGQUIST
BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

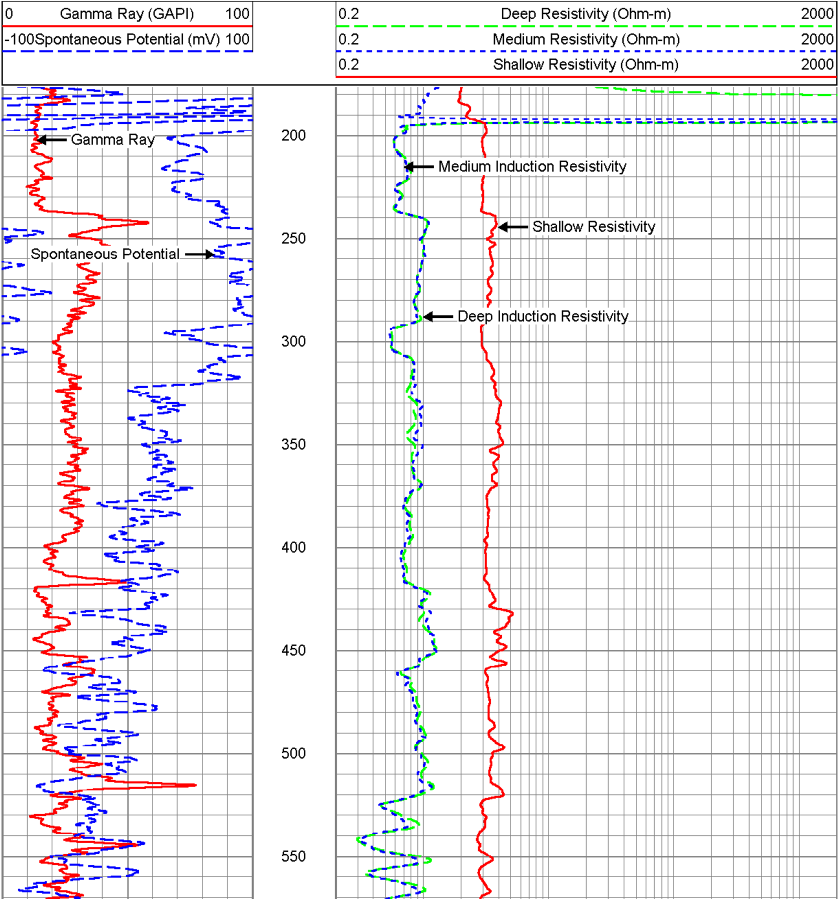
Database File:	bellemw1.db
Dataset Pathname:	run2/pass4
Presentation Format:	DIL
Dataset Creation:	Sat Jun 03 08:32:29 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200

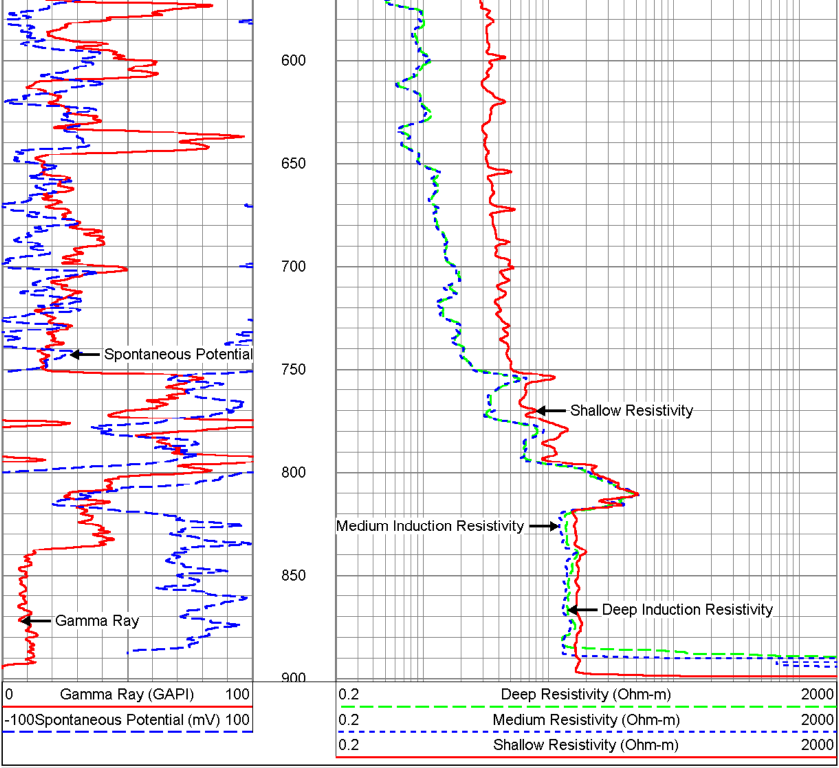


YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	bellemw1.db
Dataset Pathname:	run2/pass4
Presentation Format:	DIL
Dataset Creation:	Sat Jun 03 08:32:29 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600



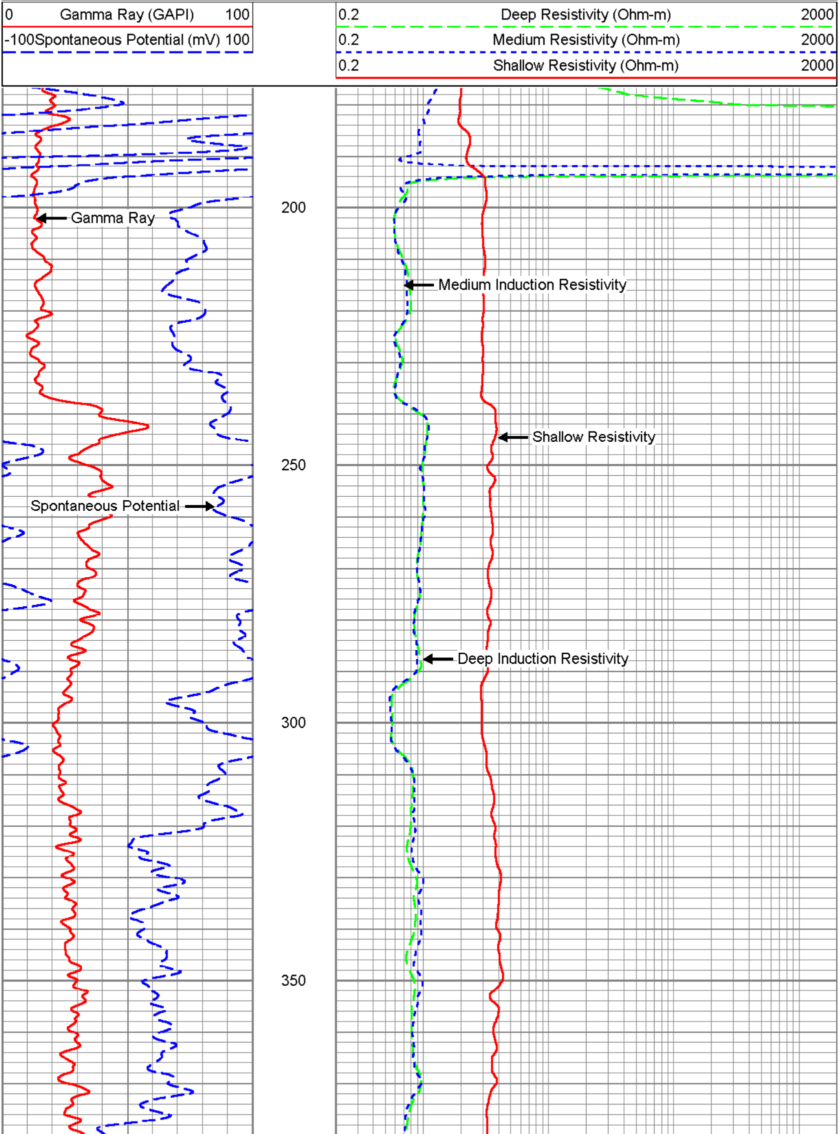


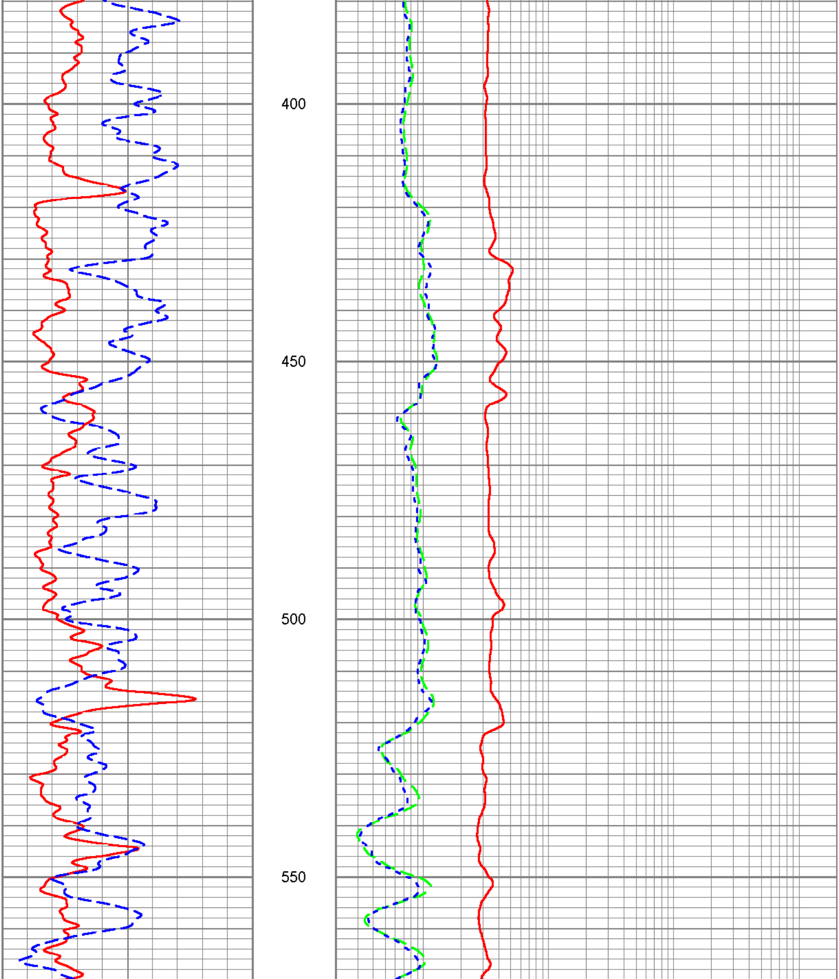
YOUNGQUIST BROTHERS, Inc

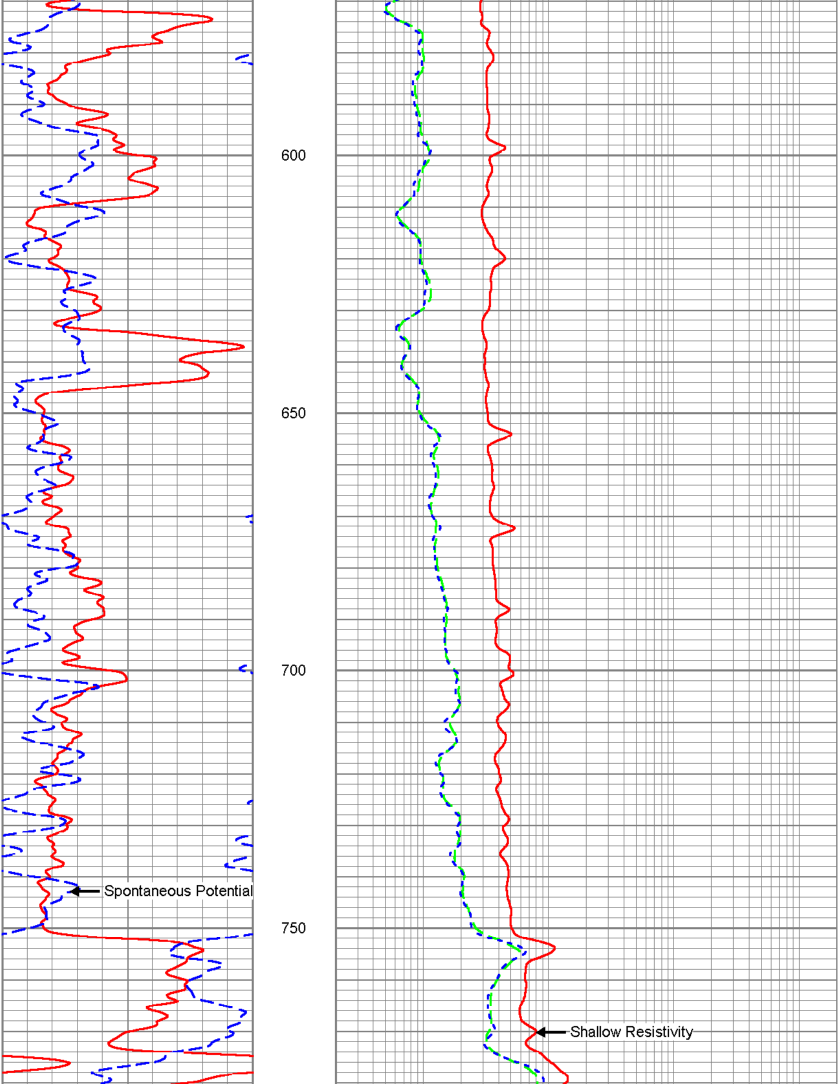
GEOPHYSICAL LOGGING DIVISION

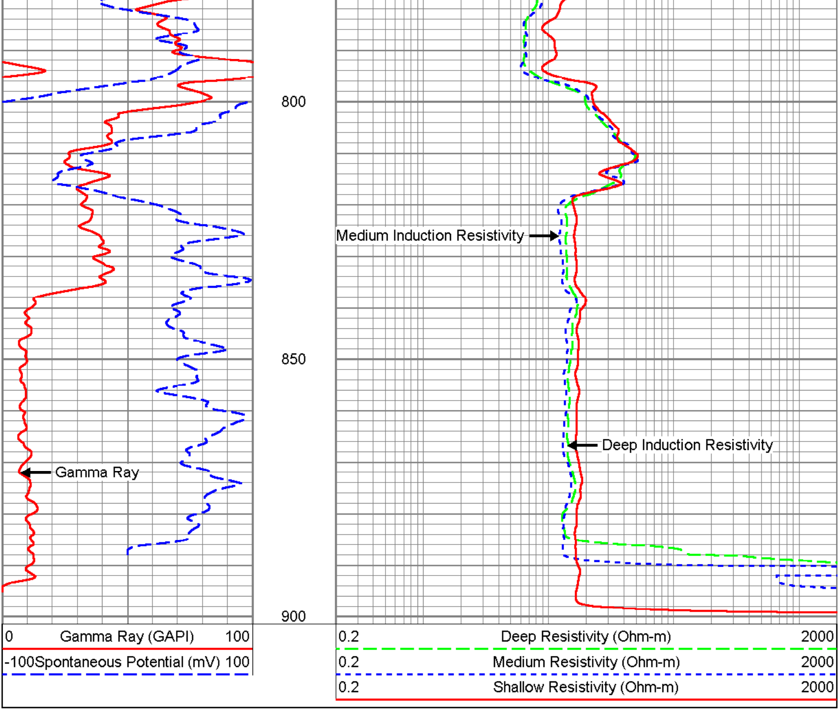
MAIN PASS

Database File:	bellemw1.db
Dataset Pathname:	run2/pass4
Presentation Format:	DIL
Dataset Creation:	Sat Jun 03 08:32:29 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240







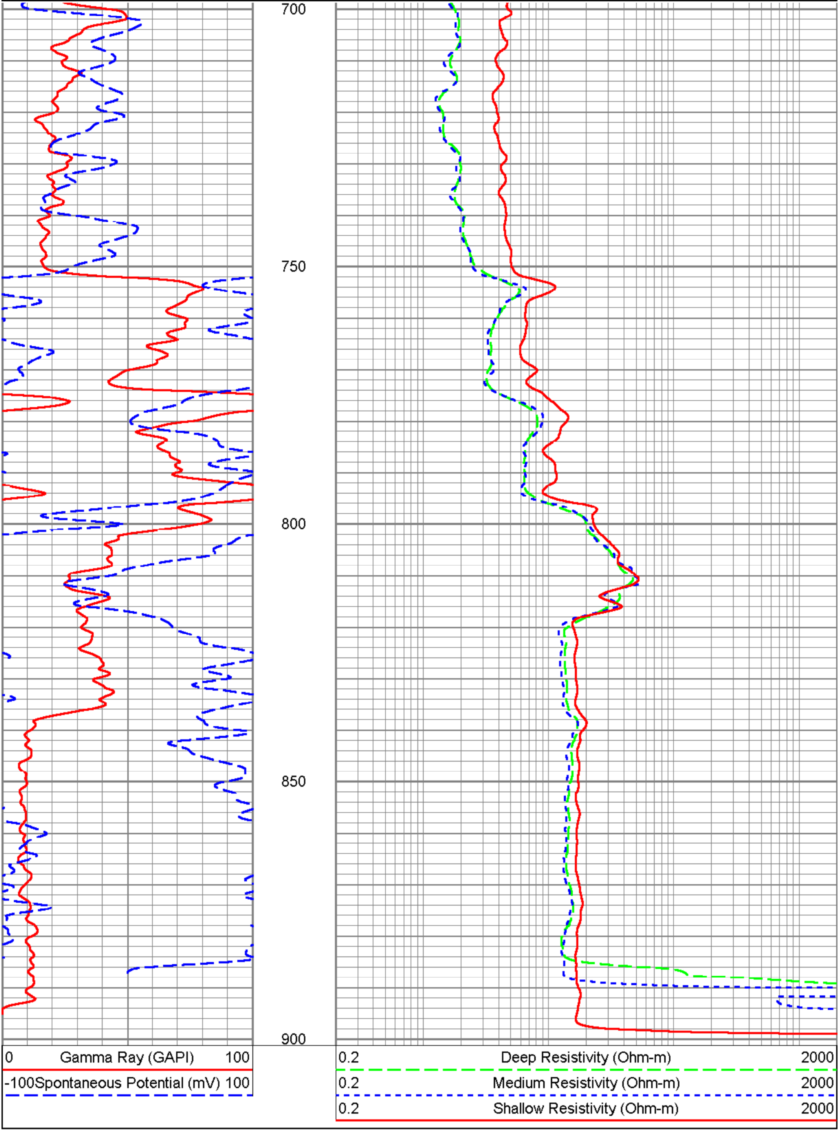


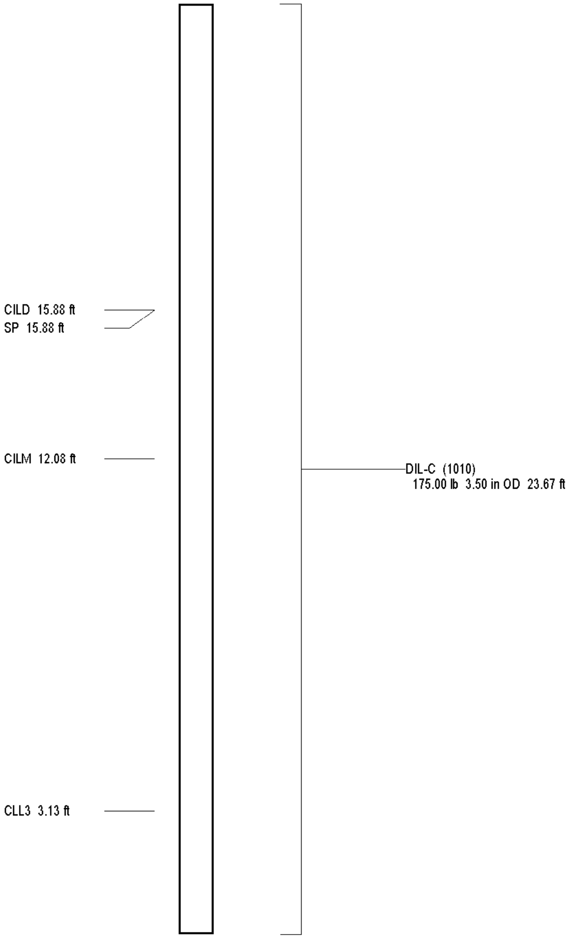
YOUNGQUIST
BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

Database File: bellemw1.db
Dataset Pathname: run2/pass3
Presentation Format: DIL
Dataset Creation: Sat Jun 03 08:28:07 2006 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 100
-100Spontaneous Potential (mV) 100
0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000





Dataset:	run2/CAL
Total Length:	23.67 ft
Total Weight:	175.00 lb
O.D.	3.50 in

Dual Induction Calibration Report

Serial-Model:	1010-C
Surface Cal Performed:	Thu Nov 17 14:49:18 2005
Downhole Cal Performed:	Sat Jun 03 08:20:14 2006
After Survey Verification Performed:	Sat Jun 03 08:41:51 2006

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.005	0.647	V	0.000	400.000	mmho-m	613.288	3.302
Medium	0.010	0.714	V	0.000	464.000	mmho-m	658.369	-6.281
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.009	0.641	V	8.610	397.880	mmho-m	615.374	3.164
Medium	0.007	0.710	V	-1.120	462.890	mmho-m	659.667	-5.714

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	8.059	400.565	mmho-m	8.729	396.680	mmho-m	0.988	0.764
Medium	-2.343	470.233	mmho-m	-1.696	461.400	mmho-m	0.980	0.600
Shallow	0.033	0.421		3.000	88.900	mmho-m	221.214	-4.199

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	7.771	401.939	mmho-m	8.059	400.565	mmho-m	0.988	0.764
Medium	-3.122	464.664	mmho-m	-2.343	470.233	mmho-m	0.980	0.600
Shallow	4.580	88.225	mmho-m	3.000	88.900	mmho-m	1.027	-1.703