Company	CITY OF CAPE CORAL
Well	PRODUCTION WELL 3N
Field	NORTH
County	LEE
State	FL

YOUNGQUIST BROTHERS, Inc

GEOPHYSICAL LOGGING DIVISION

DUAL INDUCTION
LL3 with SP
LOG

Company	CITY OF CAPE CORAL		
Well	PRODUCTION WELL 3N		
Field	NORTH		
County	LEE	State	FL
Location	2023 NE 15TH PL CAPE CORAL, FL	Other Services	SEE COMMENTS
Permanent Datum	GL	Elevation	GL
Log Measured From	GL	Elevation	K.B. D.F. G.L.
Drilling Measured From	GL		

Date	7-JULY-2008	
Run Number	TWO	
Depth Driller	883'	
Depth Logger	883'	
Bottom Logged Interval	883'	
Top Log Interval	CASING	
Open Hole Size	12"	
Type Fluid	MUD	
Density / Viscosity	N/A	
Max. Recorded Temp.	N/A	
Estimated Cement Top	N/A	
Time Well Ready	1200	
Time Logger on Bottom	1215	
Equipment Number	103	
Location	FT MYERS	
Recorded By	FULLER	TELLEZ
Witnessed By	CHANEN, P	

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No.	Bit	From	To
ONE	9.625"	CASING	603'				
TWO	12"	CASING	883'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375	SURFACE	41'
Prot. String	12"	.375 W.T.	SURFACE	590'
Production String				
Liner				

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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

FLUIS CONDUCTIVITY/TEMP
X-Y CALIPER
GAMMA RAY
BOREHOLE COMPENSATED SONIC
FLOW
VIDEO

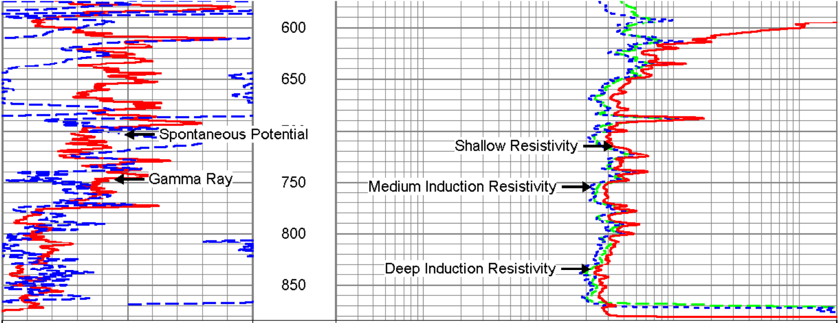
YOUNGQUIST BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	divrsfid.db
Dataset Pathname:	prod/3N/run2/pass5
Presentation Format:	DIL
Dataset Creation:	Mon Jul 07 13:13:31 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:1200

0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



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0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000

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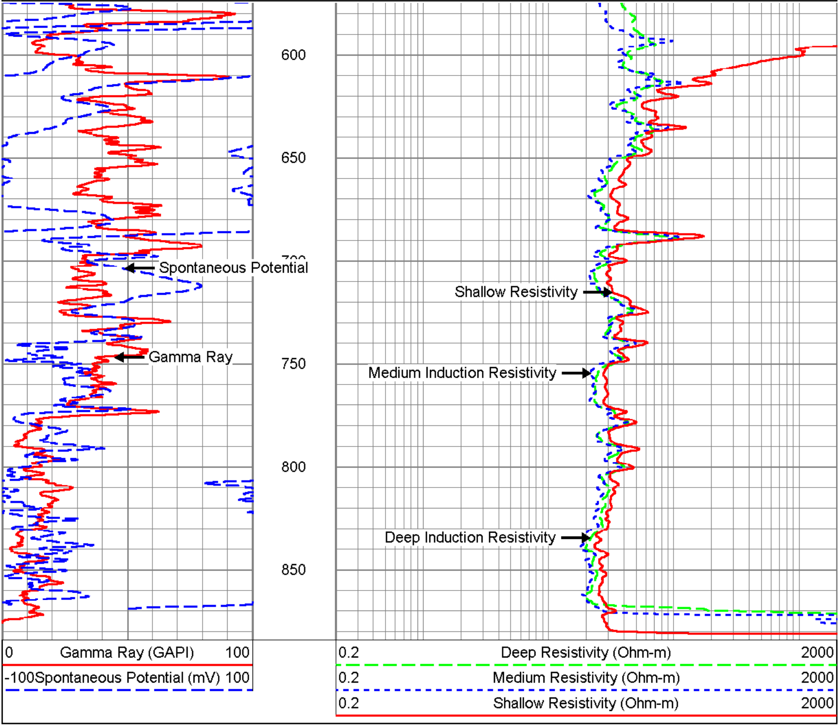
GEOPHYSICAL LOGGING DIVISION

MAIN PASS

Database File:	divrsfid.db
Dataset Pathname:	prod/3N/run2/pass5
Presentation Format:	DIL
Dataset Creation:	Mon Jul 07 13:13:31 2008 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:600

0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000



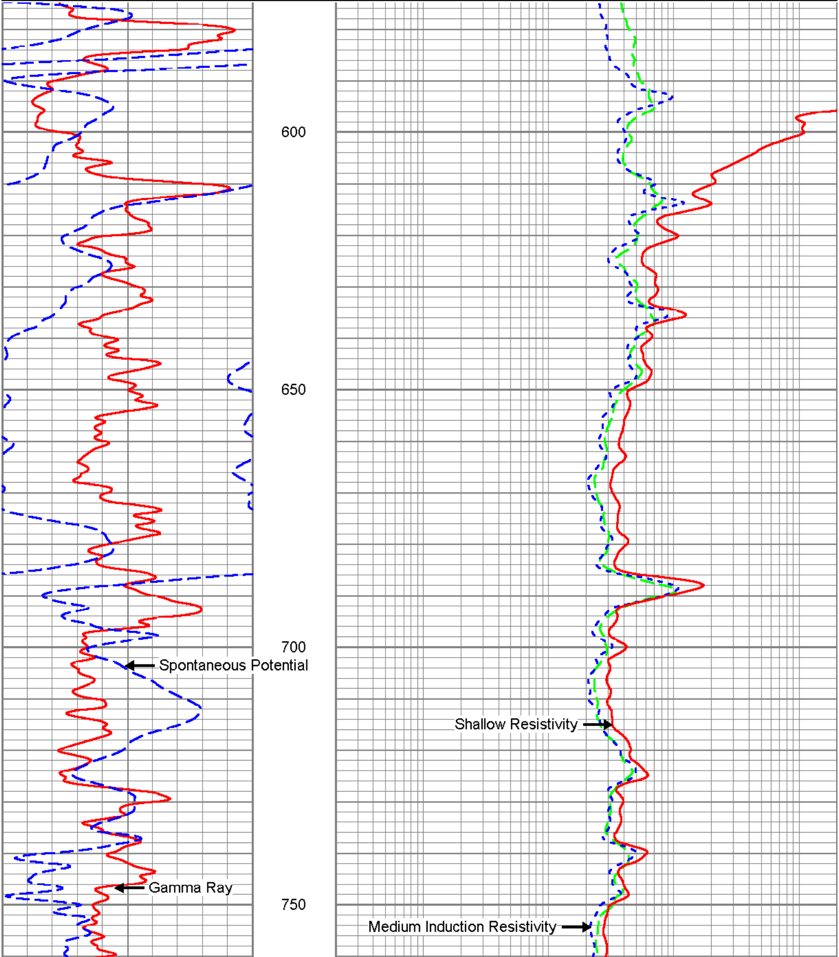
YOUNGQUIST
BROTHERS, Inc
GEOPHYSICAL LOGGING DIVISION

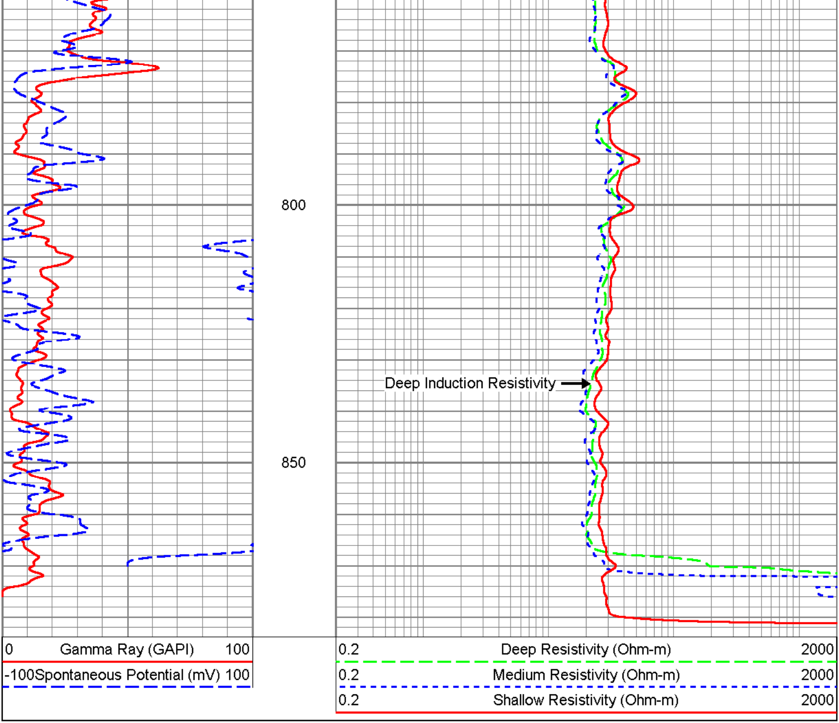
MAIN PASS

Database File: divrsfid.db
Dataset Pathname: prod/3N/run2/pass5
Presentation Format: DIL
Dataset Creation: Mon Jul 07 13:13:31 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 100
-100 Spontaneous Potential (mV) 100

0.2 Deep Resistivity (Ohm-m) 2000
0.2 Medium Resistivity (Ohm-m) 2000
0.2 Shallow Resistivity (Ohm-m) 2000





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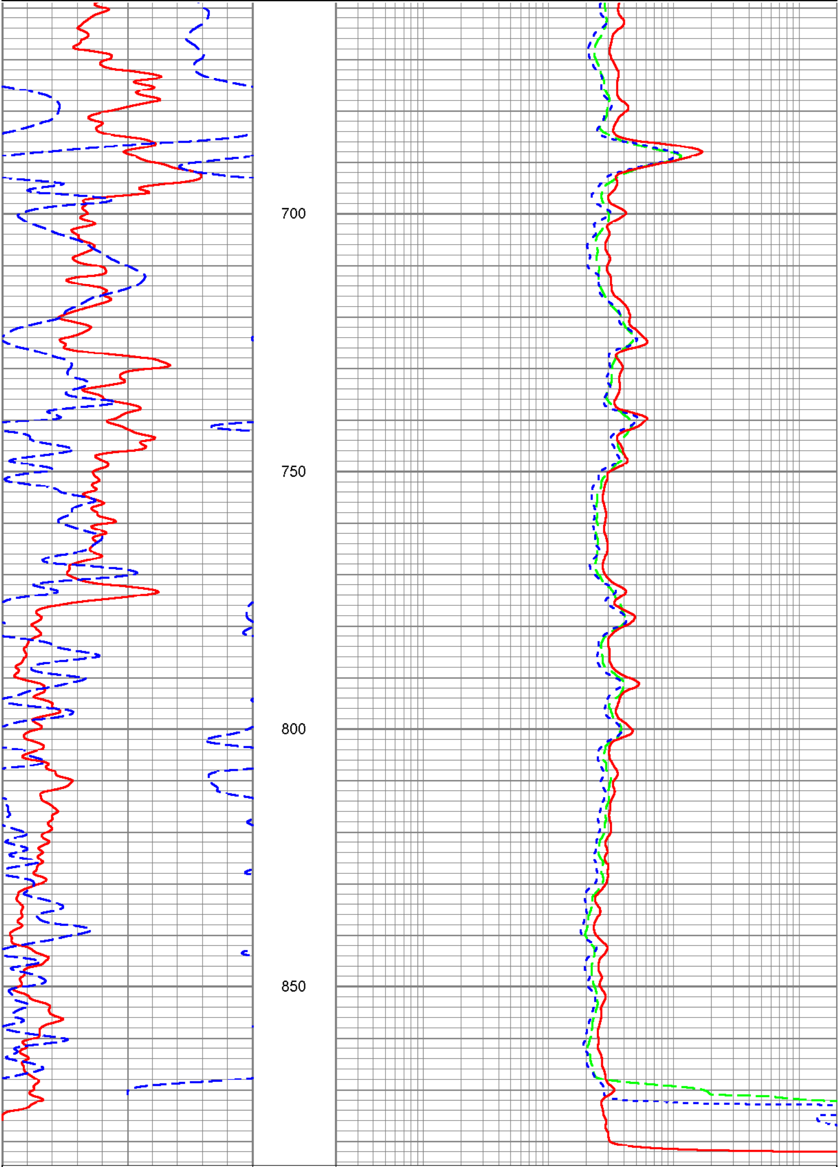
GEOPHYSICAL LOGGING DIVISION

REPEAT PASS

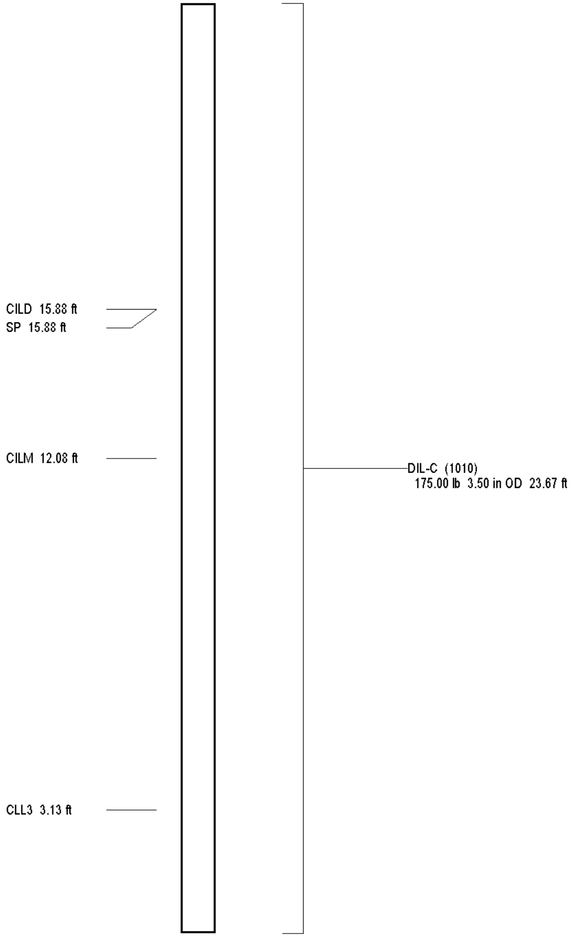
Database File: divrsfid.db
Dataset Pathname: prod/3N/run2/pass4
Presentation Format: DIL
Dataset Creation: Mon Jul 07 13:09:29 2008 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

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



0	Gamma Ray (GAPI)	100
-100	Spontaneous 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:	prod/3N/run2/pass5
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: Tue Feb 27 11:13:18 2007
Downhole Cal Performed: Mon Jul 07 12:59:53 2008
After Survey Verification Performed: Mon Jul 07 13:17:59 2008

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	3.301
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	9.130	403.043	mmho-m	8.729	396.680	mmho-m	0.985	-0.262
Medium	-0.944	470.587	mmho-m	-1.696	461.400	mmho-m	0.982	-0.768
Shallow	0.034	0.402		3.000	88.900	mmho-m	233.254	-4.896

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	8.796	401.445	mmho-m	9.130	403.043	mmho-m	0.985	-0.262
Medium	-1.278	467.195	mmho-m	-0.944	470.587	mmho-m	0.982	-0.768
Shallow	3.091	88.850	mmho-m	3.000	88.900	mmho-m	1.002	-0.096