MV Geophysical

DUAL INDUCTION
LL3 / SP
LOG

Company Diversified Drilling Corp.
Well SWROW TP-228
Field Cape Coral
County Lee
State/Prv Florida

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Well SWROW TP-228
Field Cape Coral
County Lee State/Prv Florida

Location
SW corner of Chiquita & SW 25th Lane
Cape Coral Water Utilities Department
MWH

Other Services
XY/GR
BHC/VDL

		Elevation		Elevation
Permanent Datum	G.L.		K.B.	
Log Measured From	G.L.		D.F.	
Drilling Measured From	G.L.		G.L.	

Date	15-NOV-2005		
Run Number	THREE		
Depth Driller	713'		
Depth Logger	716'		
Bottom Logged Interval	714'		
Top Log Interval	460'		
Open Hole Size	11"		
Type Fluid	H2O		
Density / Viscosity	NA/NA		
Max. Recorded Temp.	na		
Estimated Cement Top	NA		
Time Well Ready	07:30 11/15/2005		
Time Logger on Bottom	09:00 11/15/2005		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller		
Witnessed By	G.Young (MWH)	S.Randazzo (MWH)	Rossco (DDC)

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	7.875"	64'	495'				
TWO	18.75"	64'	465'				
THREE	11"	460'	713'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375" WT	SURFACE	64'
Prot. String	12" FRP	12" ID	SURFACE	460'
Production String				
Liner				

Invoice No. 2005214 P.O. #: Job No.: * FINAL PRINT *

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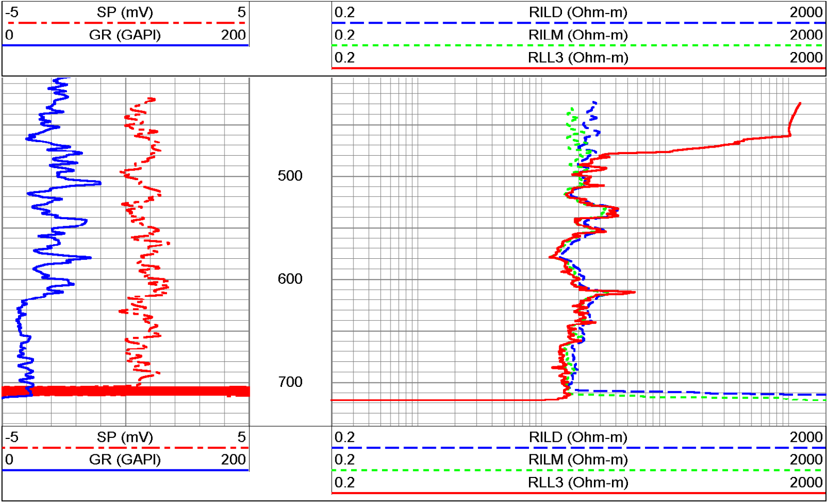
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Rw=3.441 @ 81.2 degF

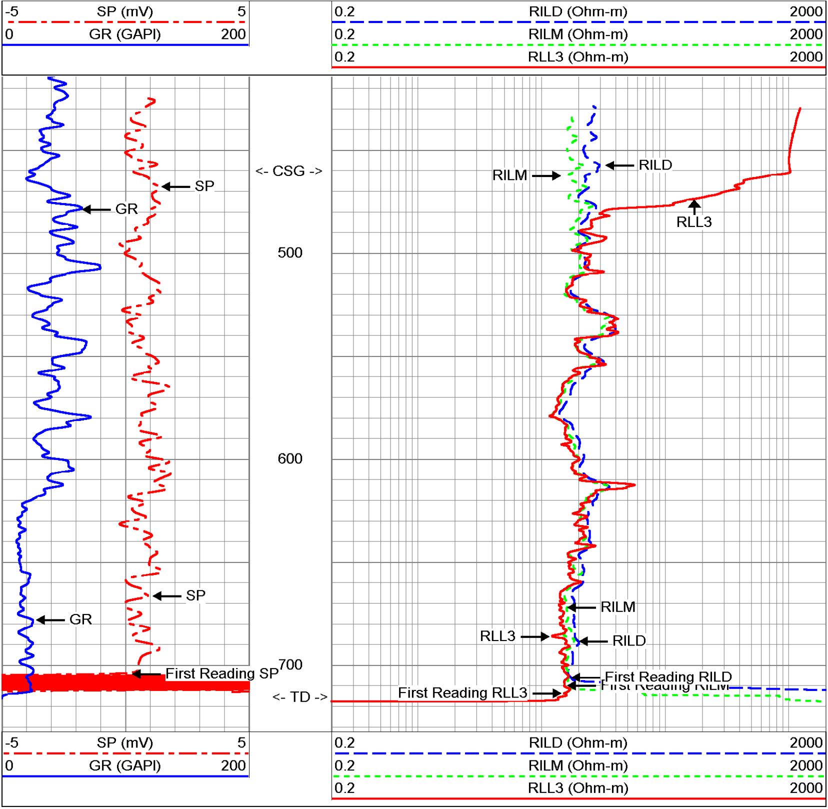
MV Geophysical MAIN PASS

Database File: ccro228.db
Dataset Pathname: run3/MAIN
Presentation Format: DIL1200
Dataset Creation: Tue Nov 15 08:55:05 2005
Charted by: Depth in Feet scaled 1:1200



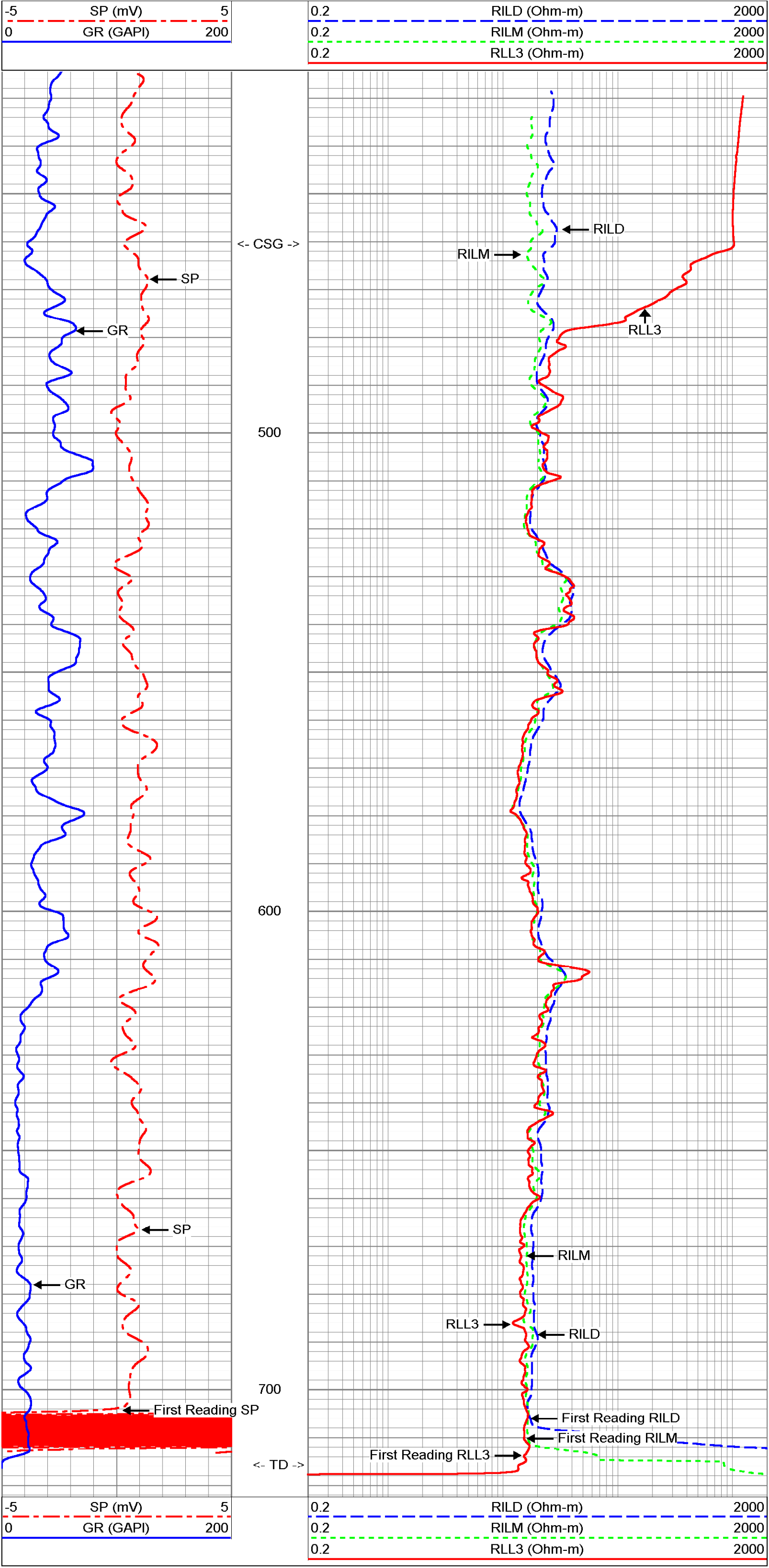
MV Geophysical MAIN PASS

Database File: ccro228.db
Dataset Pathname: run3/MAIN
Presentation Format: DIL200
Dataset Creation: Tue Nov 15 08:55:05 2005
Charted by: Depth in Feet scaled 1:600



MV Geophysical MAIN PASS

Database File: ccro228.db
Dataset Pathname: run3/MAIN
Presentation Format: DIL200
Dataset Creation: Tue Nov 15 08:55:05 2005
Charted by: Depth in Feet scaled 1:240



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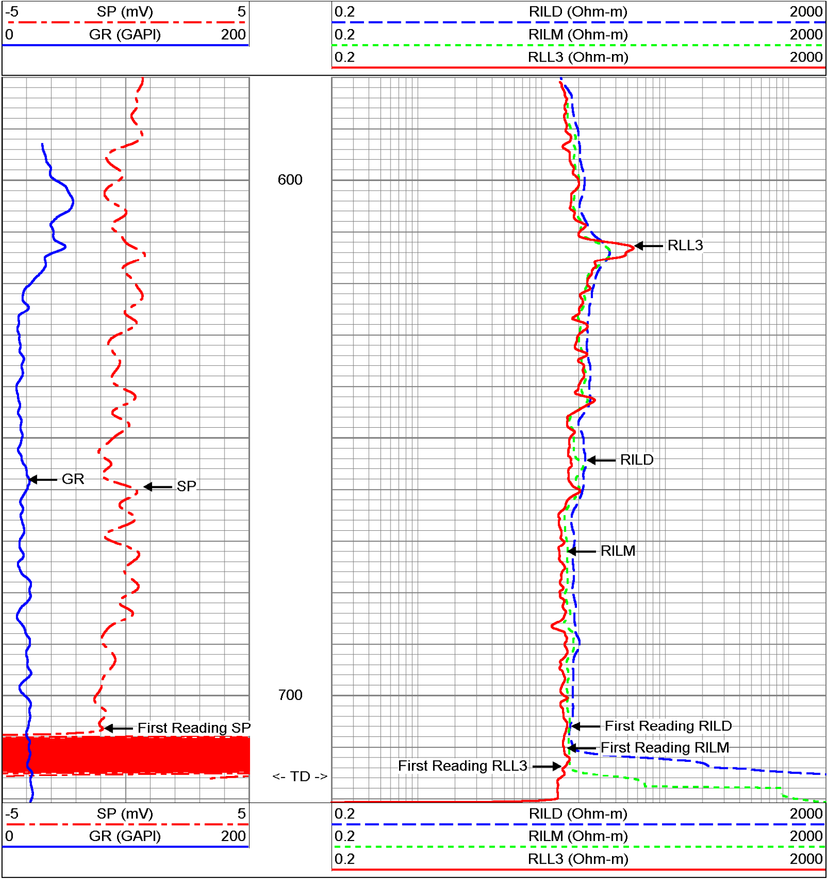
REPEAT SECTION

Database File: ccro228.db
Dataset Pathname: run3/REPEAT
Presentation Format: DIL200
Dataset Creation: Tue Nov 15 08:31:48 2005
Charted by: Depth in Feet scaled 1:240



Dual Induction Calibration Report

Serial-Model:	5390-R
Surface Cal Performed:	Sun Jan 16 21:49:43 2005
Downhole Cal Performed:	Tue Nov 15 09:11:53 2005
After Survey Verification Performed:	Tue Nov 15 09:40:07 2005

Surface Calibration

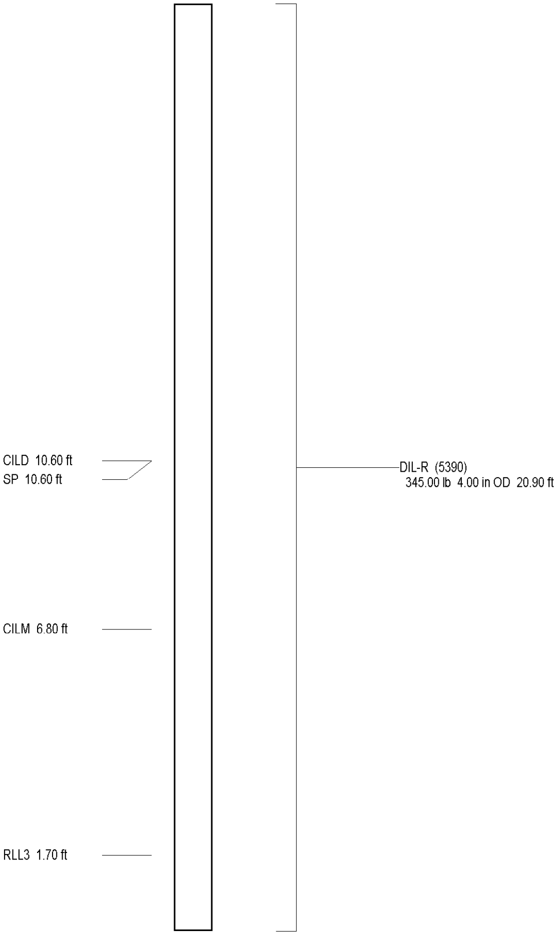
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.050	0.646	V	0.000	400.000	mmho-m	671.771	-33.646
Medium	0.001	0.732	V	0.000	464.000	mmho-m	634.710	-0.492
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.641	V	0.000	400.000	mmho-m	634.996	-7.104
Medium	-0.009	0.738	V	0.000	464.000	mmho-m	620.900	5.734

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-27.348	395.846	mmho-m	-26.130	397.036	mmho-m	1.000	1.216
Medium	-8.104	466.925	mmho-m	-6.353	467.967	mmho-m	0.999	1.739
Shallow	2.504	0.017	V	494.500	2.000	Ohm-m	198.005	-1.339

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	-26.319	396.724	mmho-m	-27.348	395.846	mmho-m	1.000	1.216
Medium	-6.384	468.277	mmho-m	-8.104	466.925	mmho-m	0.999	1.739
Shallow	495.235	2.267	Ohm-m	494.500	2.000	Ohm-m	0.999	-0.265



Dataset:	run3/pass5
Total Length:	20.90 ft
Total Weight:	345.00 lb
O.D.	4.00 in