MV Geophysical

DUAL INDUCTION
LL3 / SP
LOG

Company Florida Design Drilling Corp.
Well PW-2
Field Davie
County Broward
State/Prv Florida

Company	Florida Design Drilling Corp.
Well	PW-2
Field	Davie
County	Broward
State/Prv	Florida

Location
Production Wellfield Expansion
Town of Davie - UF Test Site
AECOM

Other Services
XY/GR
DIL/SP
BHC/VDL

Permanent Datum	G.L.	Elevation
Log Measured From	G.L.	
Drilling Measured From	G.L.	

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

Date	29-AUG-2011		
Run Number	TWO		
Depth Driller	1100'		
Depth Logger	1086'		
Bottom Logged Interval	1084'		
Top Log Interval	250'		
Open Hole Size	12.25"		
Type Fluid	MUD		
Density / Viscosity	na/na		
Max. Recorded Temp.	NA		
Estimated Cement Top	SURFACE		
Time Well Ready	11:15 8/29/2011		
Time Logger on Bottom	13:15 8/29/2011		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller/C.Miller		
Witnessed By	D.Richard (AECOM)	B.Balmer (FDD)	

	Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	41"	46'	253'				
TWO	12.25"	250'	1100'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	42"	0.375" WT	SURFACE	50'
Prot. String	30"	0.375" WT	SURFACE	250'
Production String				
Liner				
Invoice No.	2011159	fddavie2.db	8fnl/4fld/.pdf/.las	* 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

Rm=4.587 ohm-m @ 90.7 degF
Rmf=3.854 ohm-m @ 90.7 degF
Rmc=6.227 ohm-m @ 91.5 degF

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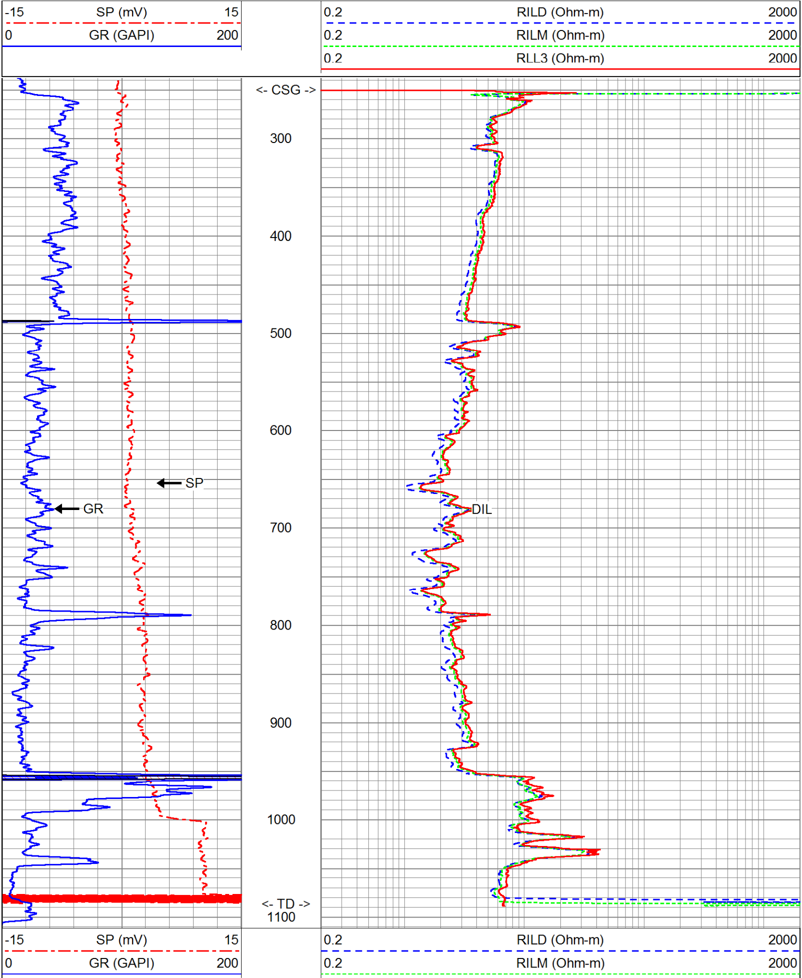
MAIN PASS

Database File: fddavie2.db
Dataset Pathname: run2/MAIN
Presentation Format: dil1200
Dataset Creation: Mon Aug 29 12:48:25 2011
Charted by: Depth in Feet scaled 1:1200



0.2 RLL3 (Ohm-m) 2000

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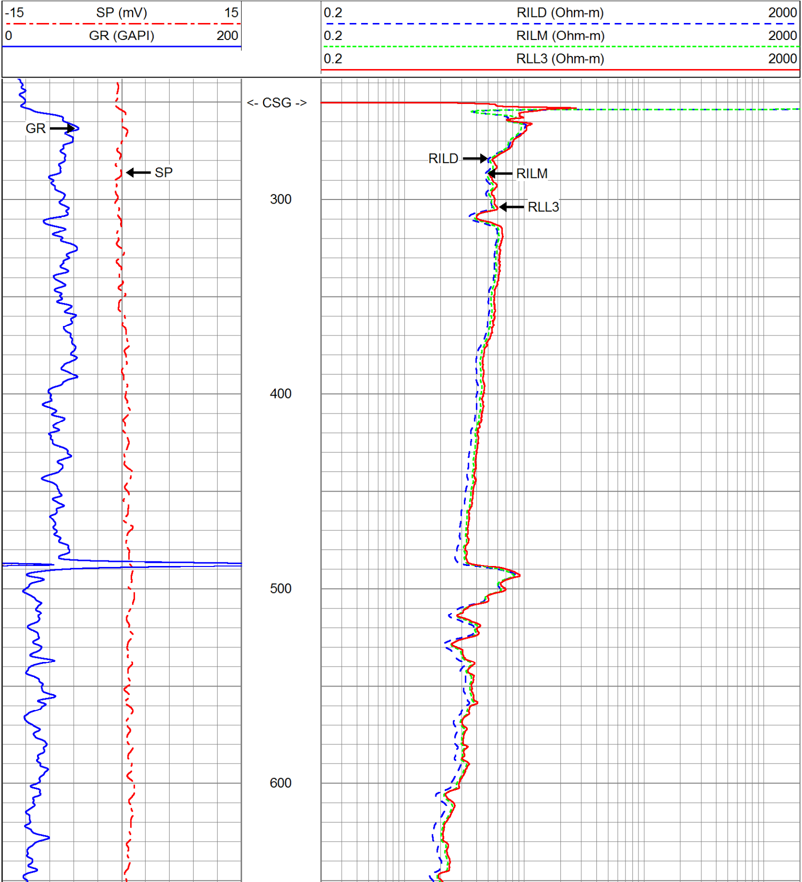
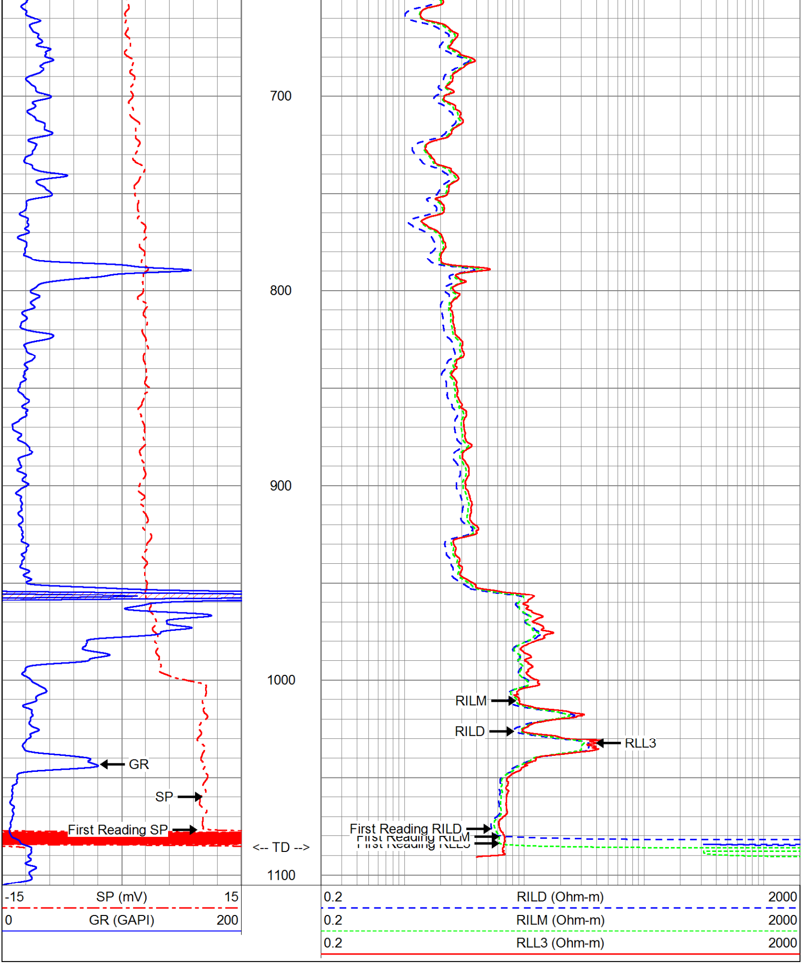
MAIN PASS

Database File: fddavie2.db
Dataset Pathname: run2/MAIN
Presentation Format: dil200
Dataset Creation: Mon Aug 29 12:48:25 2011
Charted by: Depth in Feet scaled 1:600





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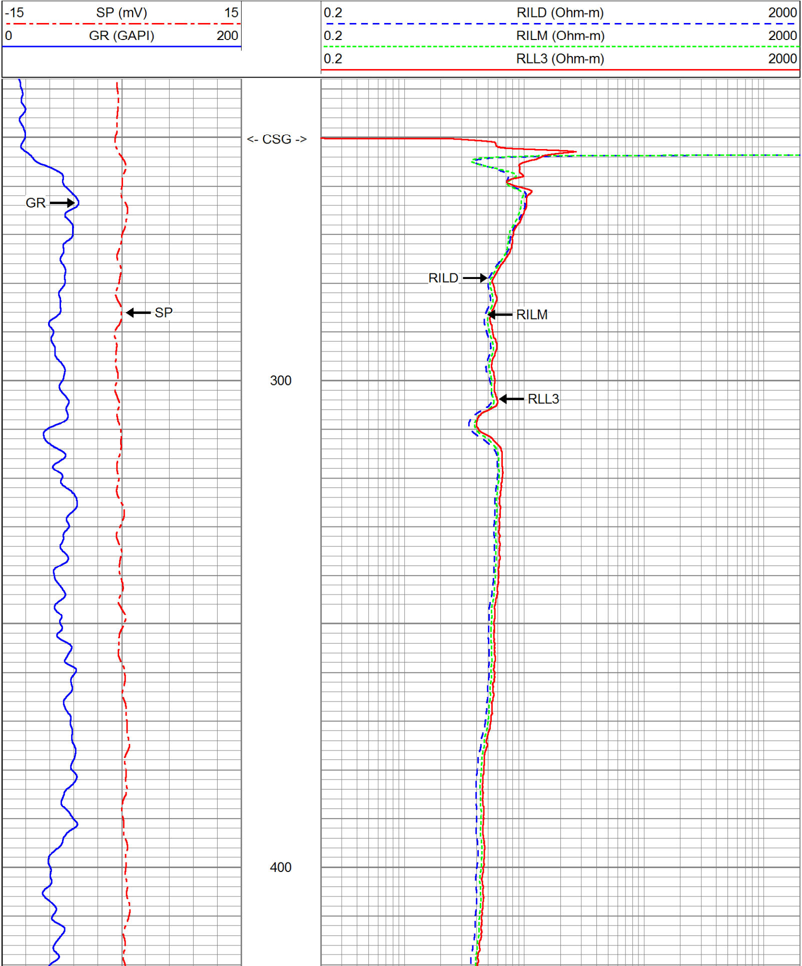
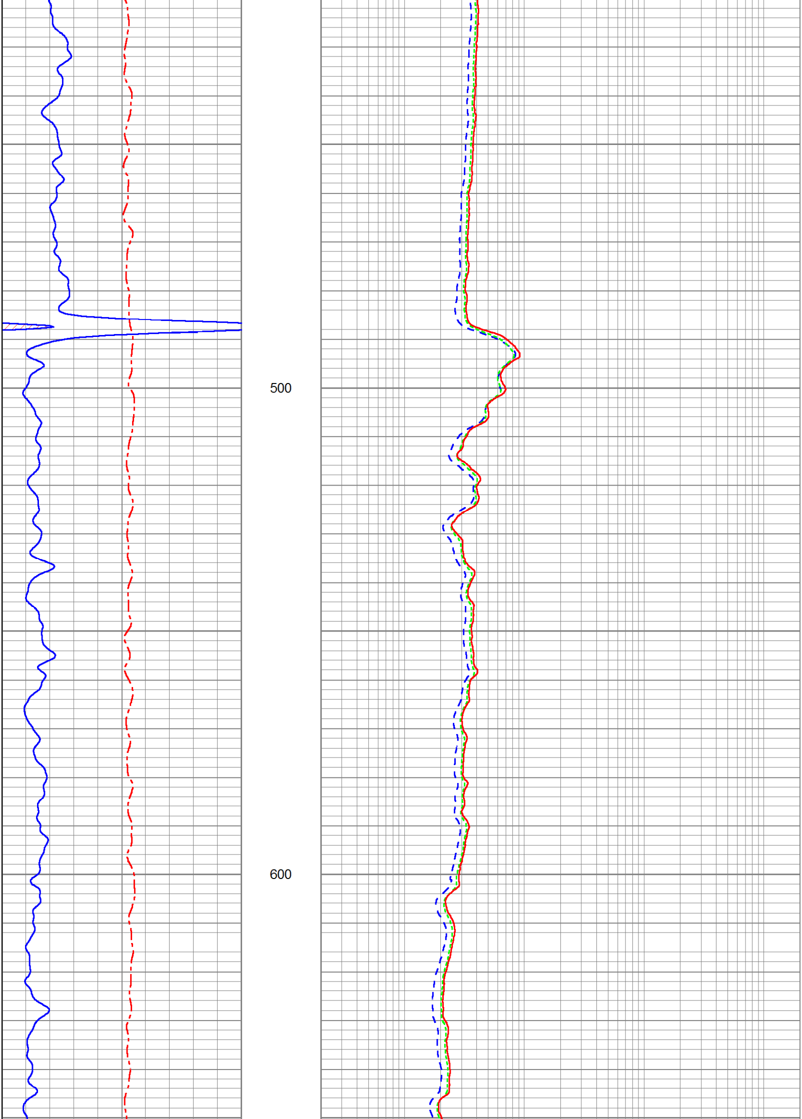
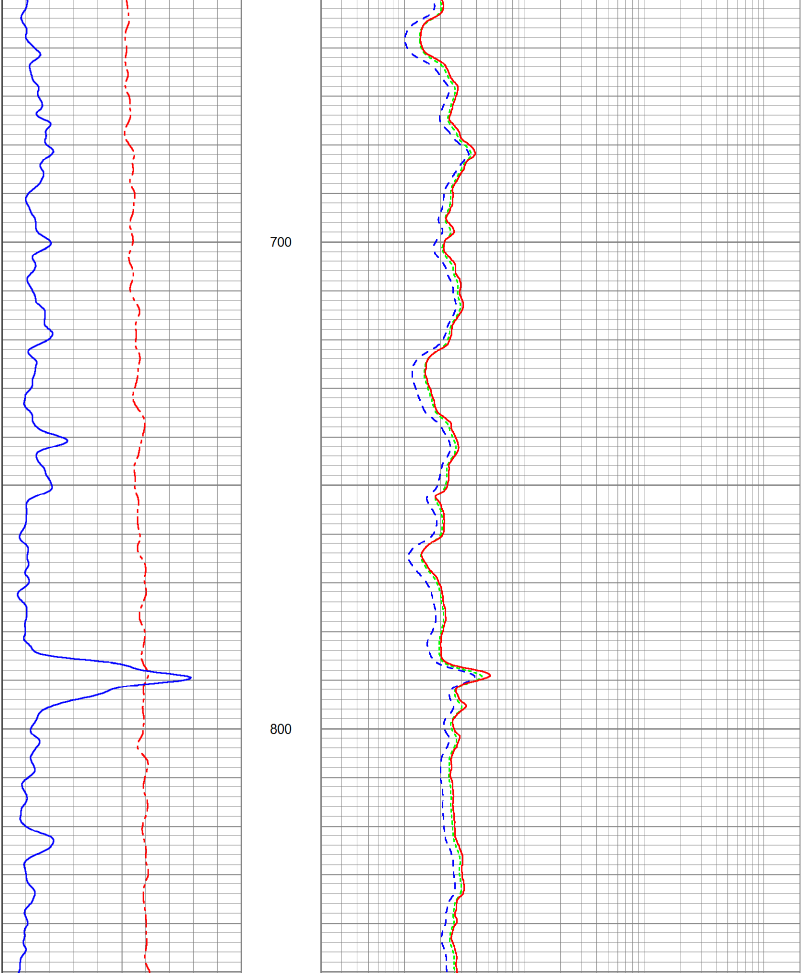
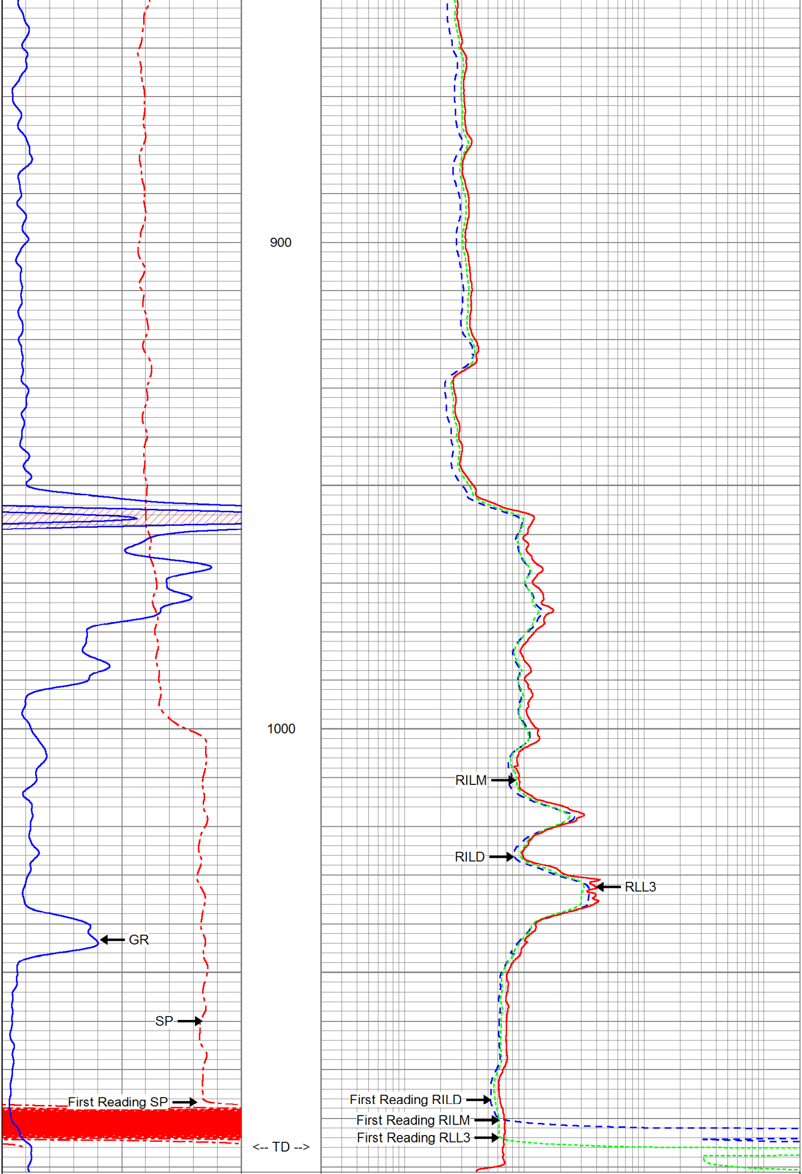
MAIN PASS

Database File: fddavie2.db
Dataset Pathname: run2/MAIN
Presentation Format: dil200
Dataset Creation: Mon Aug 29 12:48:25 2011
Charted by: Depth in Feet scaled 1:240









-15 SP (mV) 15
0 GR (GAPI) 200

0.2 RILD (Ohm-m) 2000
0.2 RILM (Ohm-m) 2000
0.2 RLL3 (Ohm-m) 2000

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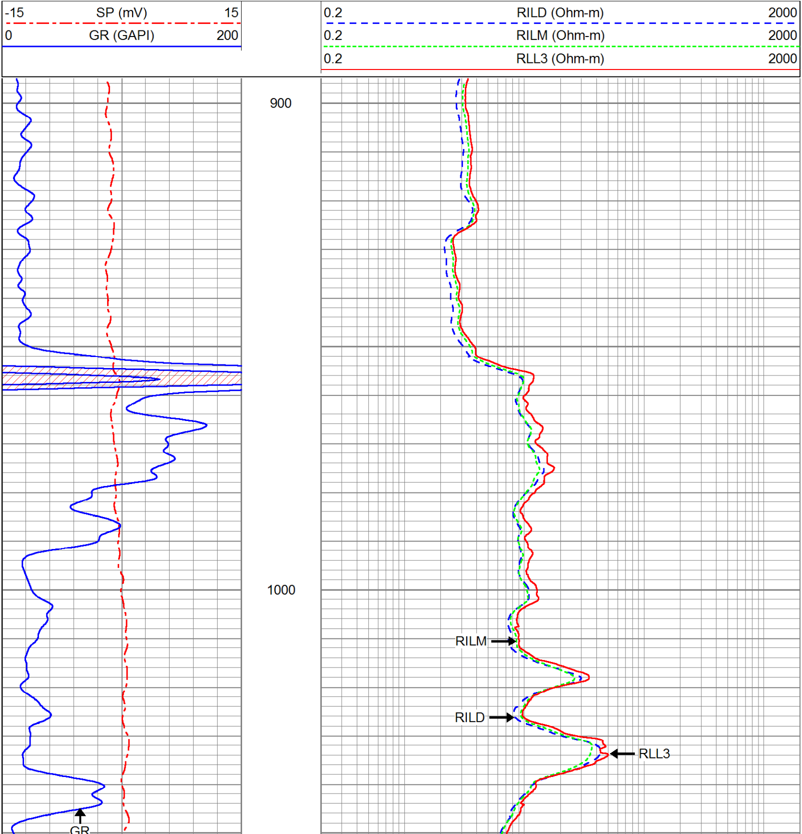
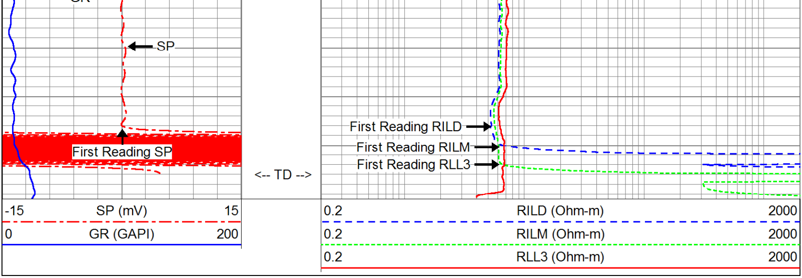
REPEAT SECTION

Database File:	fddavie2.db
Dataset Pathname:	run2/REPEAT
Presentation Format:	dil200
Dataset Creation:	Mon Aug 29 12:44:05 2011
Charted by:	Depth in Feet scaled 1:240





Calibration Report

Database File: fddavie2.db
Dataset Pathname: run2/pass9
Dataset Creation: Mon Aug 29 13:59:15 2011 by Log VER_5.3

Dual Induction Calibration Report

Serial-Model: 5390-R
Surface Cal Performed: Wed Apr 21 11:17:23 2010
Downhole Cal Performed: Wed Apr 21 11:04:55 2010
After Survey Verification Performed: Wed Apr 21 11:04:55 2010

Surface Calibration

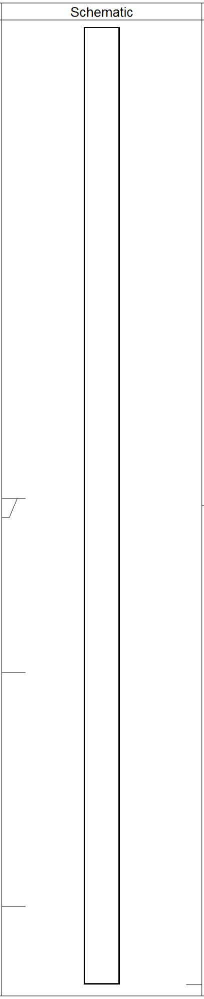
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.050	0.645	V	0.000	400.000	mmho-m	672.269	-33.613
Medium	0.018	0.735	V	0.000	464.000	mmho-m	647.120	-11.545
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.641	V	0.000	400.000	mmho-m	634.921	-6.984
Medium	0.005	0.739	V	0.000	464.000	mmho-m	632.408	-3.370

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-43.158	78.288	mmho-m	-42.562	77.982	mmho-m	0.993	0.275
Medium	-9.475	466.701	mmho-m	-8.097	466.698	mmho-m	0.997	1.351
Shallow	2.516	0.025	V	494.500	2.000	Ohm-m	197.719	-2.981

After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho-m	-43.158	78.288	mmho-m	0.993	0.275
Medium	0.000	0.000	mmho-m	-9.475	466.701	mmho-m	0.997	1.351
Shallow	0.000	0.000	Ohm-m	494.500	2.000	Ohm-m	1.000	0.000

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CILD SP	10.60 10.60		DIL-R (5390)	20.90	4.00	345.00
CILM	6.80					
RLL3	1.70					

Dataset: fddavie2.db: field/well/run2/pass9
Total Length: 20.90 ft
Total Weight: 345.00 lb
O.D. 4.00 in

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Company	Florida Design Drilling Corp.		
Well	PW-2		
Field	Davie		
County	Broward		
State	Florida	Country	USA