YOUNGQUIST BROTHERS

DUAL INDUCTION
W/LL3 & SP LOG

Company	SEMINOLE TRIBE OF FLORIDA - HWD
Well	MW-1
Field	HOLLYWOOD SEMINOLE
County	BROWARD
State	FLORIDA

Company	SEMINOLE TRIBE OF FLORIDA - HWD		
Well	MW-1		
Field	HOLLYWOOD SEMINOLE		
County	BROWARD	State	FLORIDA

Location: API # :

6400N 64TH AVE, HOLLYWOOD

SEC 2 TWP 51S RGE 41E

Other Services
SEE
COMMENTS

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

Date	01-25-2018		
Run Number	FIVE		
Depth Driller	1812'		
Depth Logger	1812'		
Bottom Logged Interval	1812'		
Top Log Interval	995'		
Open Hole Size	12.25"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	N/A		
Time Well Ready	ON ARRIVAL		
Time Logger on Bottom	00:30		
Equipment Number	106		
Location	FORT MYERS		
Recorded By	G. BANDRES	R. CAUDILL	R. PIERSON
Witnessed By	J. LARGEY	J. VALDES	

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	46.5"	8'	250'				
TWO	34.5"	250'	1004'				
THREE	12.25"	1000'	1812'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	48"	0.375" W.T.	0'	8'
Prot. String	36"	0.375" W.T.	0'	250'
Production String	24"	0.375" W.T.	0'	1000'
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.

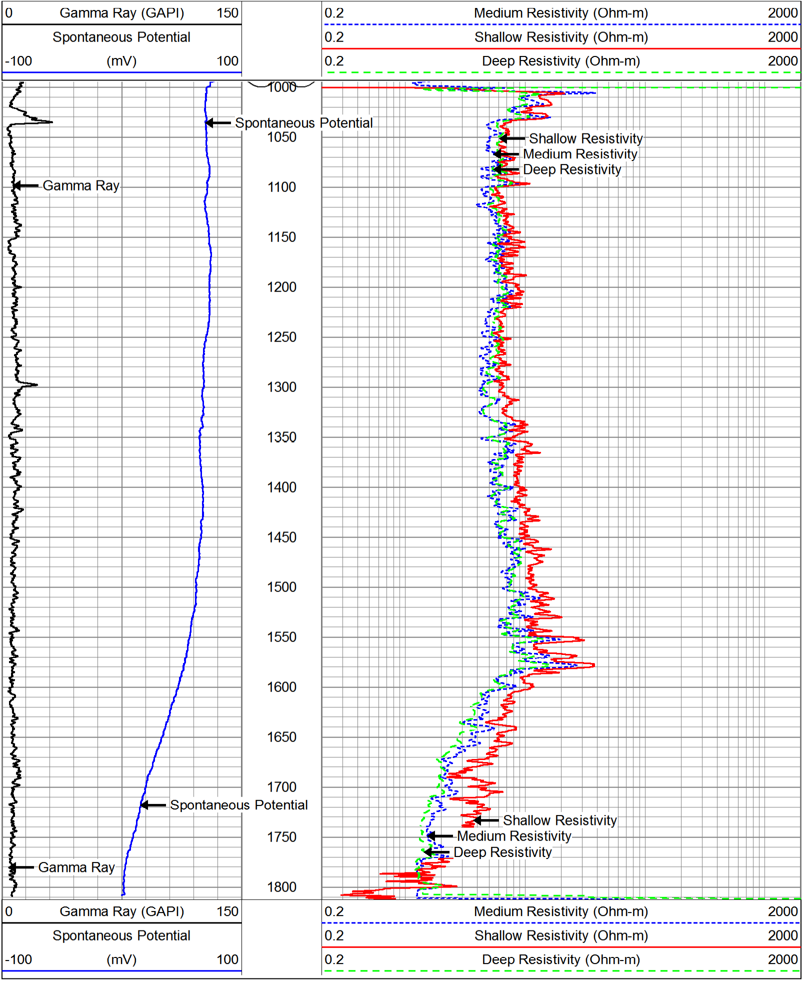
Comments

OTHER SERVICES:
XY CALIPER GAMMA RAY
BOREHOLE COMPENSATED SONIC W/VDL
FLUID CONDUCTIVITY TEMPERATURE (STATIC & DYNAMIC)
FLOWMETER (STATIC & DYNAMIC)
VIDEO SURVEY

YOUNGQUIST
BROTHERS

MAIN PASS

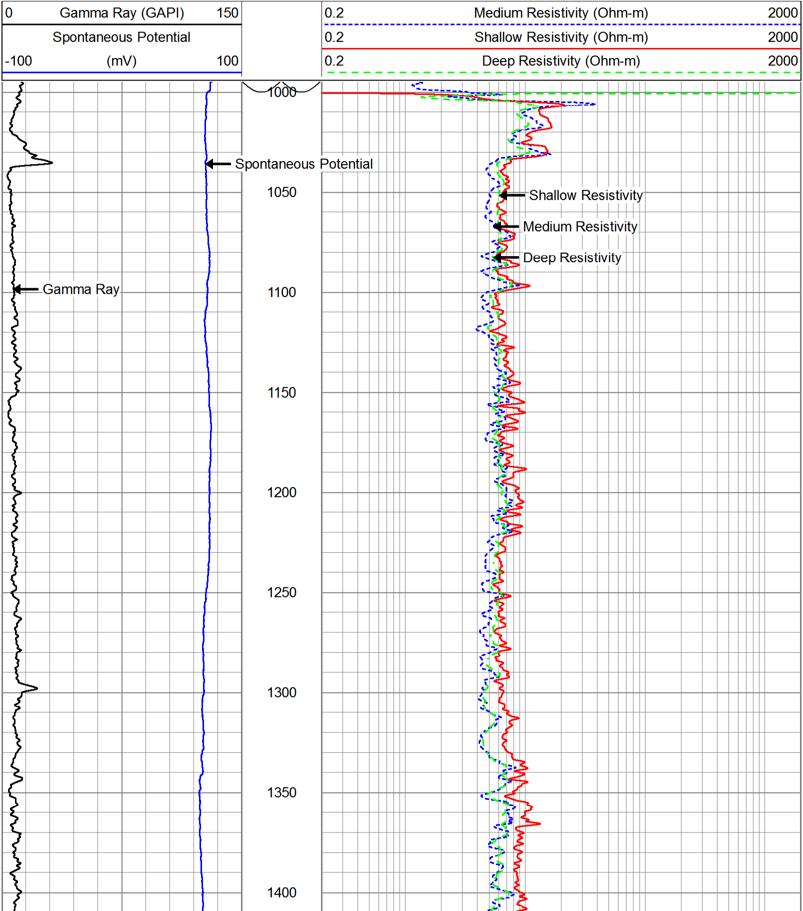
Database File	hw-diw-stof-mw1-r5.db
Dataset Pathname	hw-diw-stof/mw-1/run5/DILSP3.4
Presentation Format	dil
Dataset Creation	Thu Jan 25 03:52:54 2018
Charted by	Depth in Feet scaled 1:1200

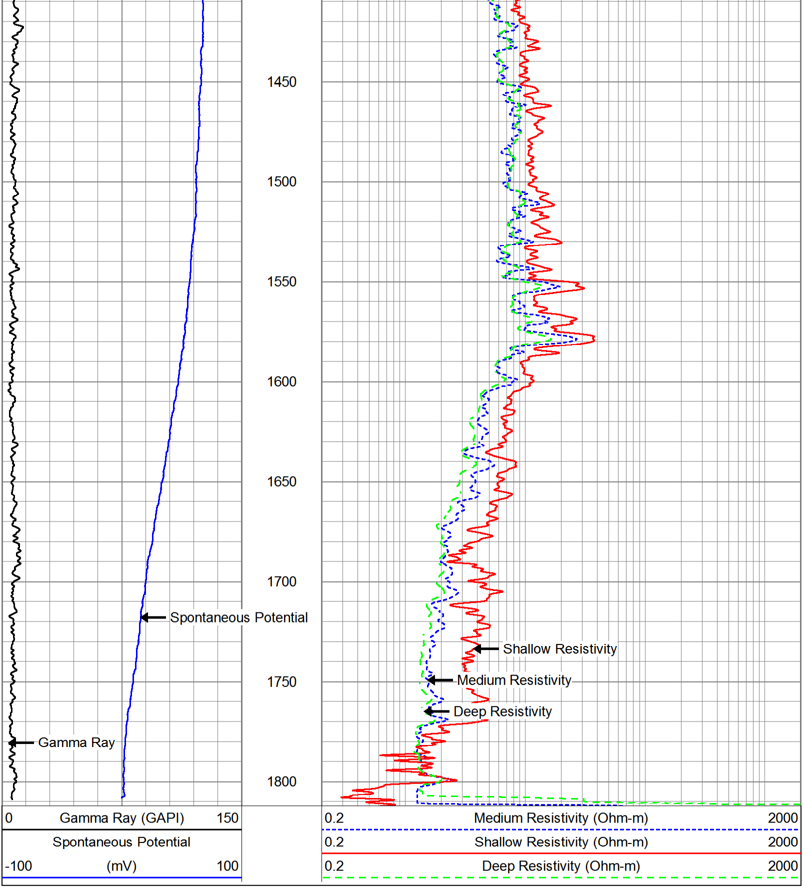


YOUNGQUIST BROTHERS

MAIN PASS

Database File	hw-diw-stof-mw1-r5.db
Dataset Pathname	hw-diw-stof/mw-1/run5/DILSP3.4
Presentation Format	dil
Dataset Creation	Thu Jan 25 03:52:54 2018
Charted by	Depth in Feet scaled 1:600

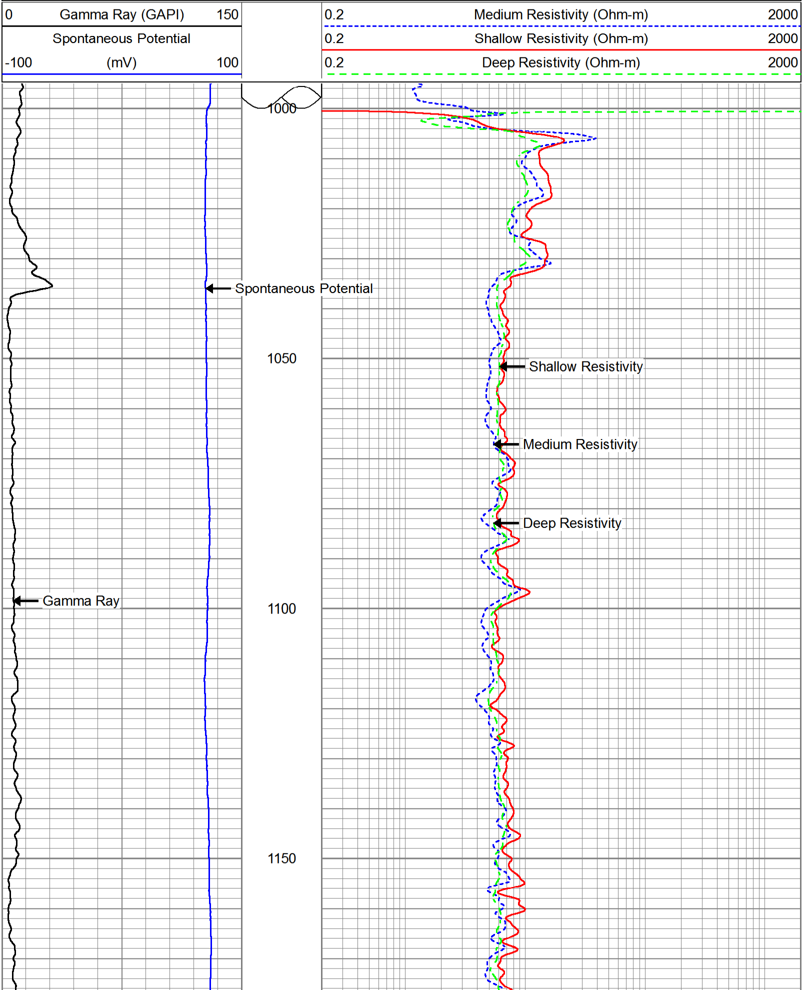


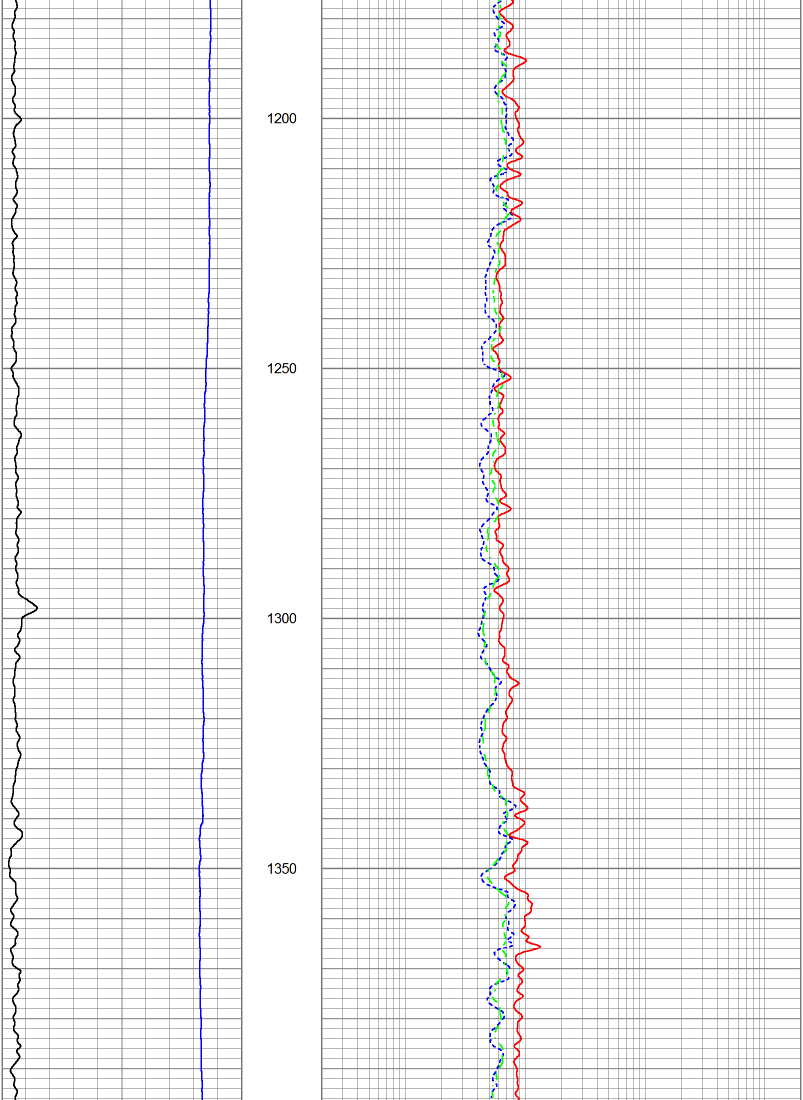


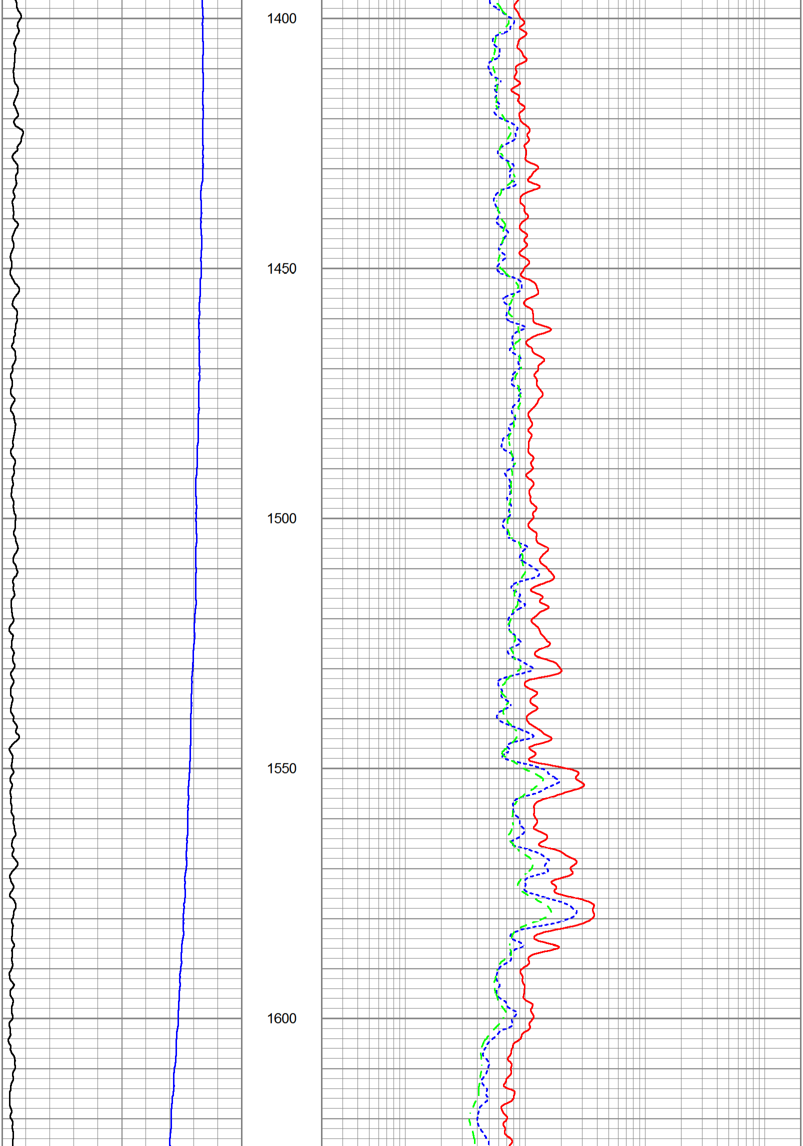
YOUNGQUIST BROTHERS

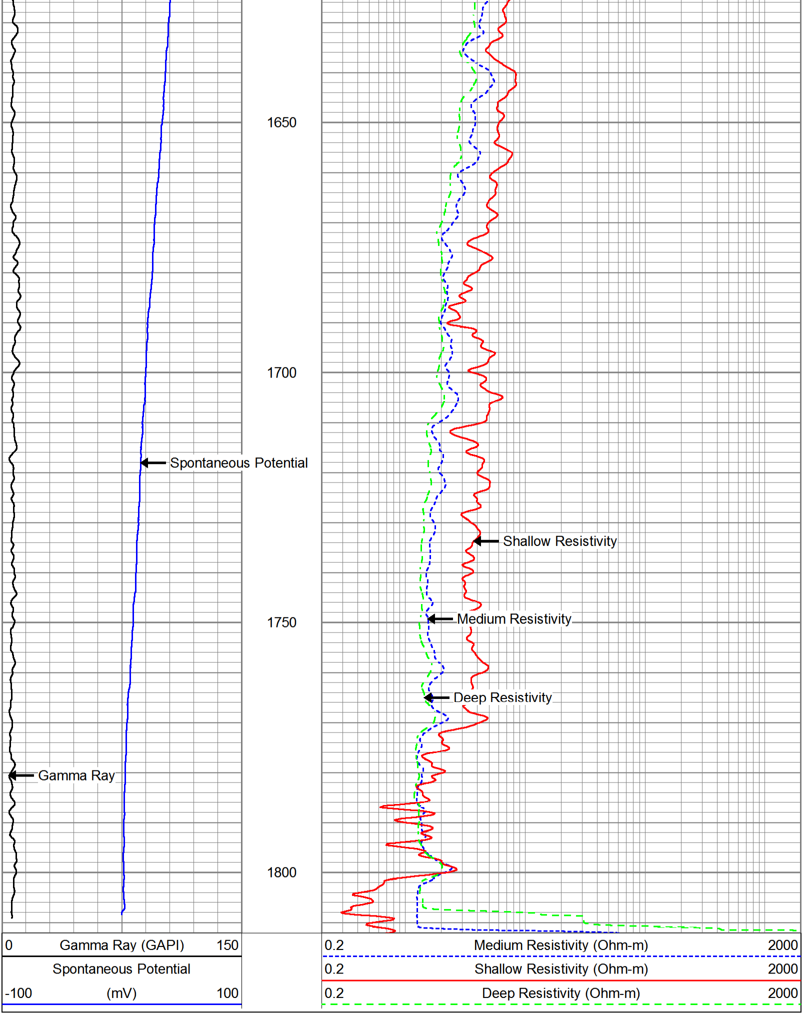
MAIN PASS

Database File	hw-diw-stof-mw1-r5.db
Dataset Pathname	hw-diw-stof/mw-1/run5/DILSP3.4
Presentation Format	dil
Dataset Creation	Thu Jan 25 03:52:54 2018
Charted by	Depth in Feet scaled 1:240



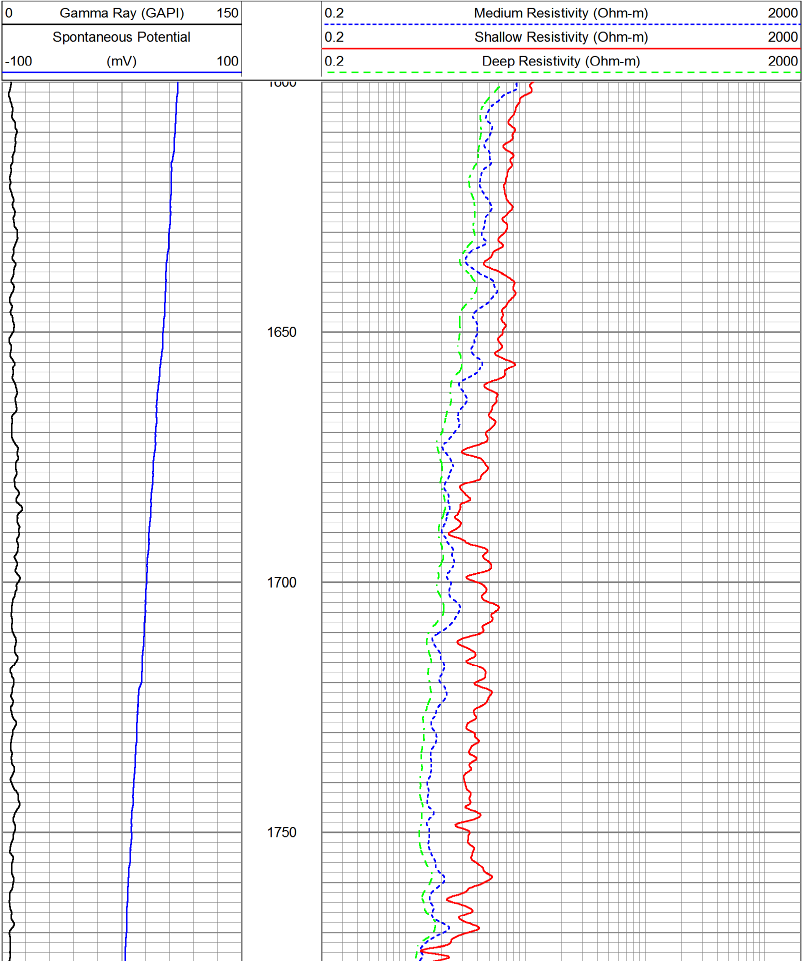


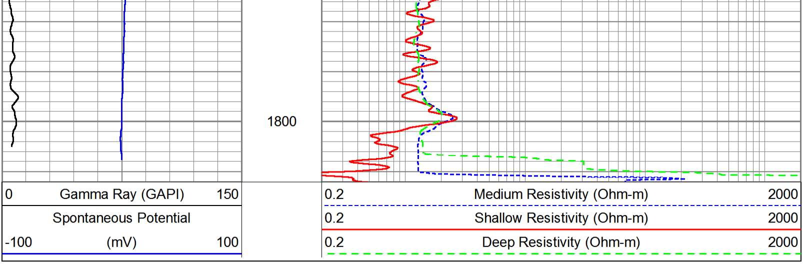




REPEAT SECTION

Database File	hw-diw-stof-mw1-r5.db
Dataset Pathname	hw-diw-stof/mw-1/run5/DILSP2.2
Presentation Format	dil
Dataset Creation	Thu Jan 25 05:05:30 2018
Charted by	Depth in Feet scaled 1:240





Calibration Report

Database File	hw-diw-stof-mw1-r5.db
Dataset Pathname	hw-diw-stof/mw-1/run5/DILSP3.4
Dataset Creation	Thu Jan 25 03:52:54 2018

Dual Induction Calibration Report

Serial-Model:	27-GEAR
Surface Cal Performed:	Wed Oct 04 13:22:25 2017
Downhole Cal Performed:	Thu Jan 25 00:07:31 2018
After Survey Verification Performed:	Thu Jan 25 00:07:31 2018

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.639	V	0.000	400.000	mmho/m	640.882	-9.771
Medium	0.010	0.645	V	0.000	464.000	mmho/m	730.332	-7.377
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.643	V	0.000	400.000	mmho/m	626.815	-2.823
Medium	0.003	0.734	V	0.000	464.000	mmho/m	634.202	-1.719

Downhole Calibration

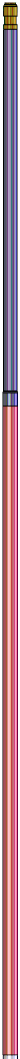
	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-3.966	399.268	mmho/m	-6.884	402.093	mmho/m	1.014	-2.862
Medium	-2.728	528.965	mmho/m	-5.398	528.934	mmho/m	1.005	-2.657
Shallow	0.005	2.550	V	0.000	1100.000	Ohm-m	432.179	-4.161

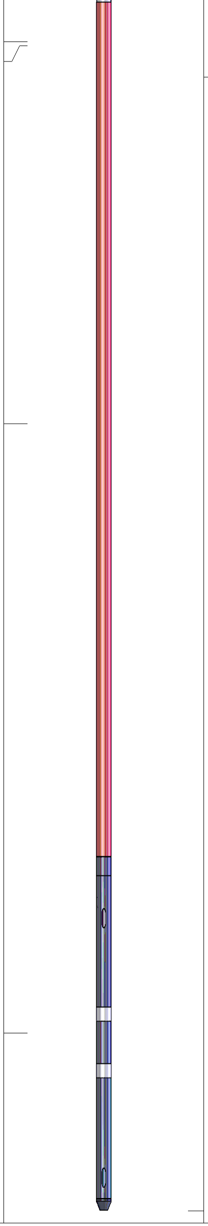
After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-3.966	399.268	mmho/m	1.014	-2.862
Medium	0.000	0.000	mmho/m	-2.728	528.965	mmho/m	1.005	-2.657
Shallow	0.000	0.000	Ohm-m	0.000	900.000	Ohm-m	1.000	0.000

Spontaneous Potential Calibration Report

Serial Number:	27
Tool Model:	GEAR
Performed:	Thu Jan 25 00:10:05 2018
Gain:	10.365

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
						



CILD	10.96	DIL-GEAR (27)	21.25	3.50	200.00
SP	10.92				
CILM	7.38				
RLL3	1.67				

Dataset: hw-diw-stof-mw1-r5.db: hw-diw-stof/mw-1/run5/DILSP3.4
Total length: 21.25 ft
Total weight: 200.00 lb
O.D.: 3.50 in