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

YOUNGQUIST BROTHERS

XY CALIPER GAMMA RAY TEMPERATURE & SP LOG

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

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

Other Services
SEE
COMMENTS

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

Date	02-17-2018		
Run Number	SIX		
Depth Driller	1503'		
Depth Logger	1503'		
Bottom Logged Interval	1503'		
Top Log Interval	950'		
Open Hole Size	22.25"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	N/A		
Time Well Ready	05:00		
Time Logger on Bottom	06:30		
Equipment Number	106		
Location	FORT MYERS		
Recorded By	G. BANDRES		
Witnessed By	K. RINGGER	L. KUZBYT	

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'				
FOUR	22.25"	1000'	1503'				

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.

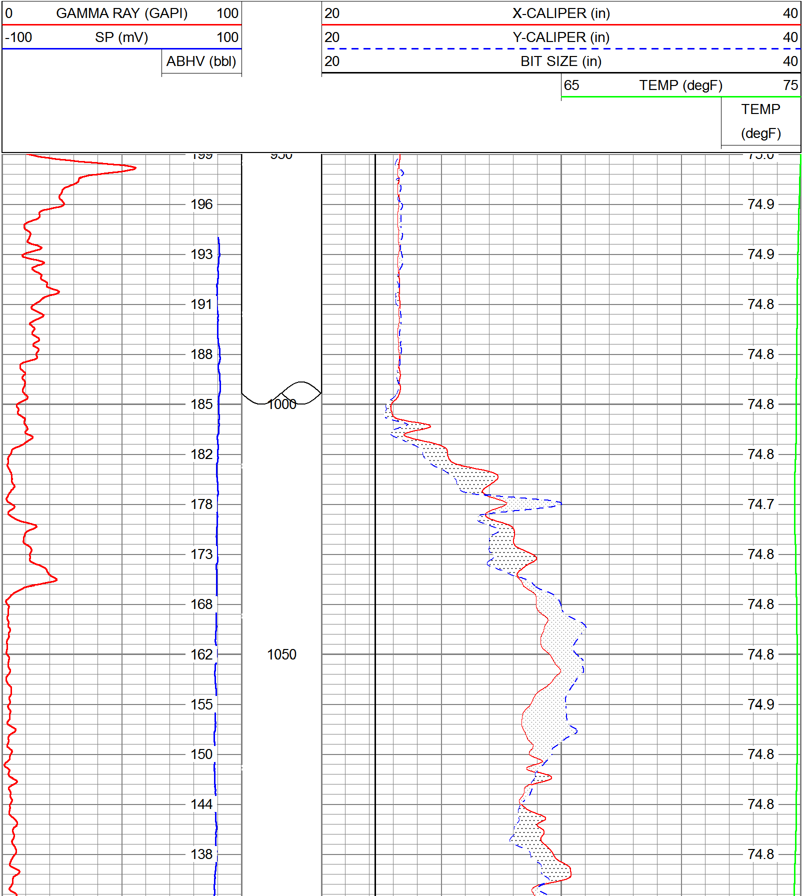
Comments

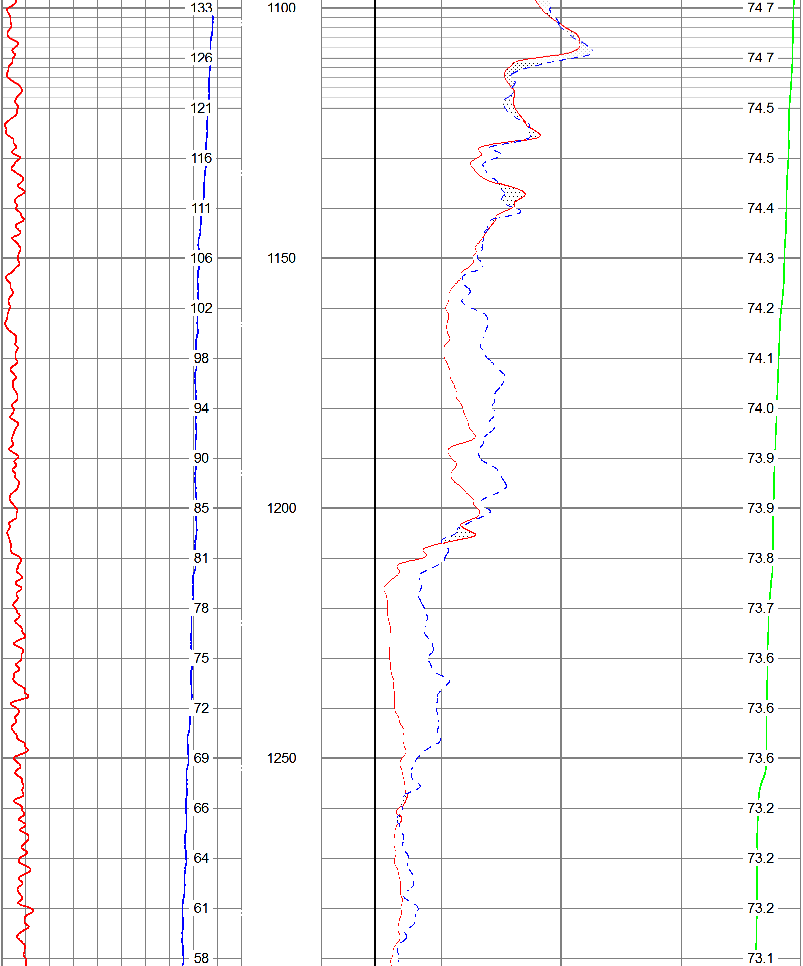
MAX ARM SPAN 38.5"
ABHV FIGURED ON 16" CASING

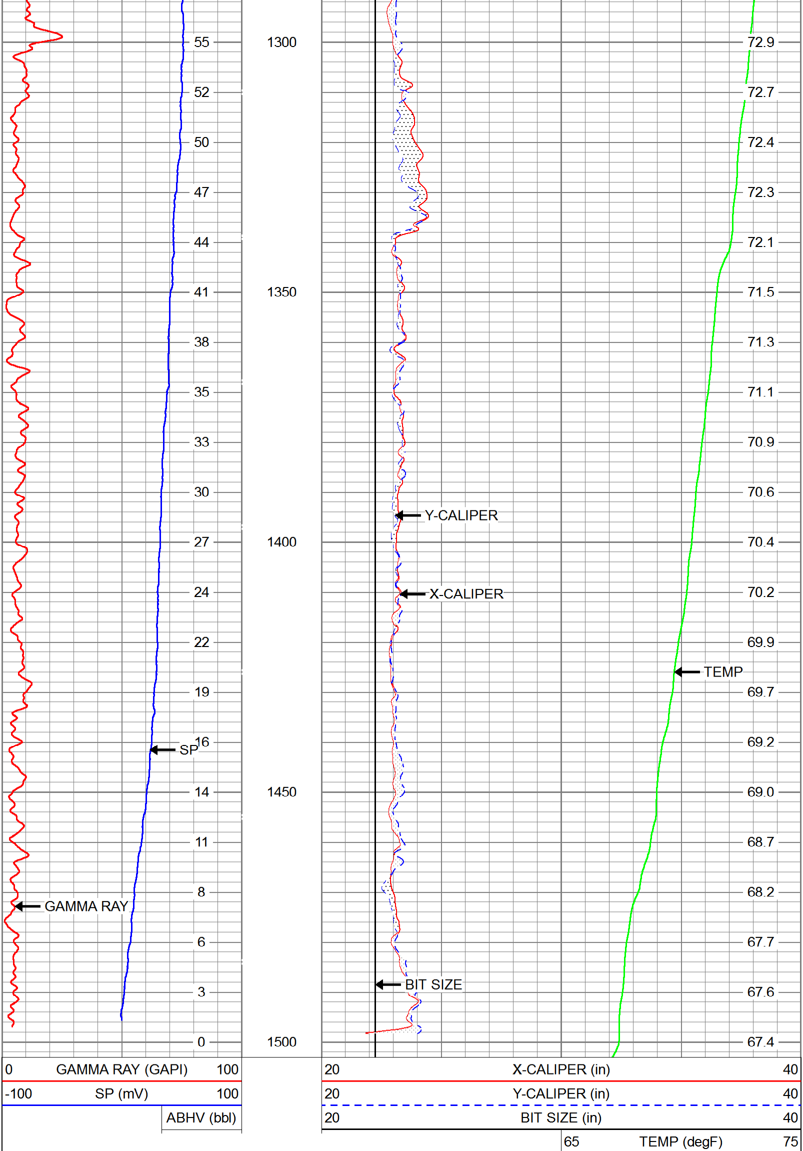
OTHER SERVICES:
TEMPERATURE
SPONTANEOUS POTENTIAL

MAIN PASS

Database File	hw-diw-stof-mw1-r6.db
Dataset Pathname	hw-diw-stof/mw-1/run6/pass5.2
Presentation Format	xyc-gr-sp-temp
Dataset Creation	Sat Feb 17 09:06:10 2018
Charted by	Depth in Feet scaled 1:240







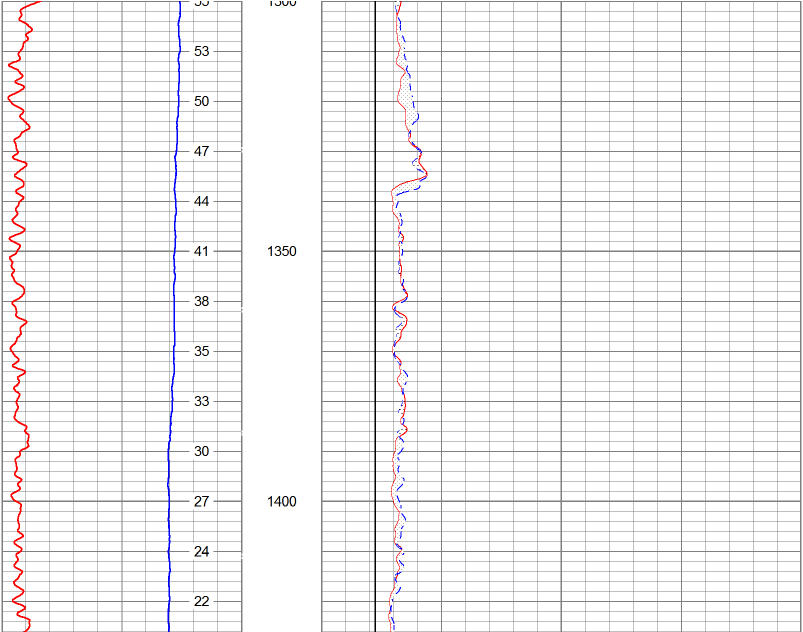
TEMP
(degF)

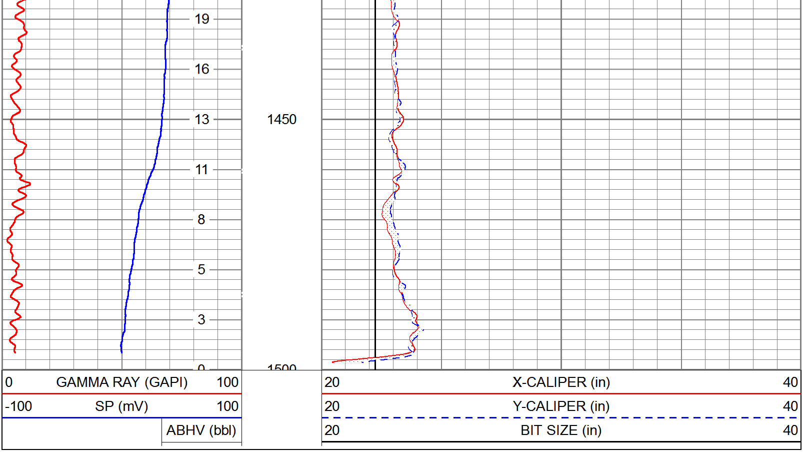
REPEAT SECTION

YOUNGQUIST BROTHERS

Database File	hw-diw-stof-mw1-r6.db
Dataset Pathname	hw-diw-stof/mw-1/run6/pass4.1
Presentation Format	xyc-gr-sp-temp
Dataset Creation	Sat Feb 17 09:50:26 2018
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	100	20	X-CALIPER (in)	40
-100	SP (mV)	100	20	Y-CALIPER (in)	40
		ABHV (bbl)	20	BIT SIZE (in)	40





Calibration Report

Database File	hw-diw-stof-mw1-r6.db
Dataset Pathname	hw-diw-stof/mw-1/run6/pass2
Dataset Creation	Sat Feb 17 07:14:14 2018

Temperature Calibration Report

Serial Number:	10
Tool Model:	SONDEX
Performed:	Fri Feb 16 12:18:04 2018

Point #	Reading		Reference	
1	320.11	cps	32.00	degF
2	468.80	cps	75.00	degF
3	1236.17	cps	212.00	degF
4		cps		degF
5		cps		degF
6		cps		degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Calibration Report

Database File	hw-diw-stof-mw1-r6.db
Dataset Pathname	hw-diw-stof/mw-1/run6/pass5.2
Dataset Creation	Sat Feb 17 09:06:10 2018

XY Caliper Calibration Report

Serial Number/Model:	46SM-XYCSM
Performed:	Sat Feb 17 06:03:45 2018

	Ring		X Caliper		Y Caliper	
1:	3.5	in	707.36	cps	751.57	cps
2:	10	in	901.405	cps	945.946	cps
3:	20	in	1121.08	cps	1188	cps
4:	23.25	in	1213.87	cps	1288.88	cps
5:	30	in	1375.78	cps	1469.62	cps
6:	38.5	in	1618.15	cps	1795.54	cps
7:		in		cps		cps
8:		in		cps		cps
9:		in		cps		cps
10:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	13	
Tool Model:	GROH	
Performed:	Tue May 08 13:24:57 2012	
Calibrator Value:	90.0	GAPI
Background Reading:	30.4	cps
Calibrator Reading:	103.6	cps
Sensitivity:	1.2303	GAPI/cps

Calibration Report

Database File	hw-diw-stof-mw1-r6.db
Dataset Pathname	hw-diw-stof/mw-1/run6/pass8.1
Dataset Creation	Sat Feb 17 09:39:54 2018

Dual Induction Calibration Report

Serial-Model:	27-GEAR
Surface Cal Performed:	Wed Oct 04 13:22:25 2017
Downhole Cal Performed:	Wed Oct 04 13:22:25 2017
After Survey Verification Performed:	Wed Oct 04 13:22:25 2017

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

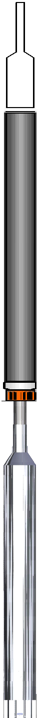
	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.000	0.000	mmho/m	-6.884	402.093	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	-5.398	528.934	mmho/m	1.000	0.000
Shallow	0.000	2.548	V	0.000	460.000	Ohm-m	180.558	0.000

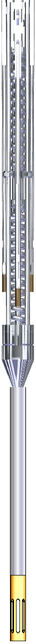
After Survey Verification

	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	1.000	0.000
Shallow	0.000	0.000	Ohm-m	0.000	1200.000	Ohm-m	1.000	0.000

Spontaneous Potential Calibration Report

Serial Number:	27
Tool Model:	GEAR
Performed:	Sat Feb 17 07:40:47 2018
Gain:	16.373

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			CHD-StdCHD	1.00	1.69	10.00
			GR-GROH (13)	2.75	3.50	40.00
GR	9.98					

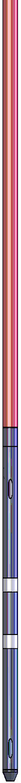
YCAL XCAL	5.88 5.88		XYC-XYCSM (46SM)	6.60	3.50	87.00
			BARS-1.68	2.38	1.68	10.00

Dataset:	hw-diw-stof-mw1-r6.db: hw-diw-stof/mw-1/run6/pass5.2
Total length:	12.73 ft
Total weight:	147.00 lb
O.D.:	3.50 in

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			CHD-StdCHD	1.00	1.69	10.00

SP	10.92				
CILD	10.92	DIL-GEAR (27)	21.25	3.50	200.00

CILM	7.17
RLL3	1.67



Dataset: hw-diw-stof-mw1-r6.db: hw-diw-stof/mw-1/run6/pass8.1
Total length: 22.25 ft
Total weight: 210.00 lb
O.D.: 3.50 in