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

YOUNGQUIST BROTHERS

6 5/8" FRP CASING
MERGED CEMENT BOND 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

Other Services

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

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

Date	03-03-2018	03-08-2018	
Run Number	TEN	TWELVE	
Depth Driller	1810'	1810'	
Depth Logger	1810'	1810'	
Bottom Logged Interval	1770'	1770'	
Top Log Interval	990'	990'	
Open Hole Size	12.25"	12.25"	
Type Fluid	WATER	WATER	
Density / Viscosity	N/A	N/A	
Max. Recorded Temp.	N/A	N/A	
Estimated Cement Top	N/A	N/A	
Time Well Ready	19:00	05:00	
Time Logger on Bottom	21:00	06:00	
Equipment Number	106	106	
Location	FORT MYERS	FORT MYERS	
Recorded By	G. BANDRES	G. BANDRES	
Witnessed By	L. KUZBYT	J. LARGEY	

Borehole Record				Borehole Record			
Run Number	Bit	From	To	Run No	Bit	From	To
ONE	46.5"	8'	250'	FIVE	14.75"	1495"	1760'
TWO	34.5"	250'	1004'	SIX	12.25"	1760'	1810'
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	16"	0.500" W.T.	0'	1500'
FRP	6 5/8"	0.580" W.T.	0'	1770'

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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.

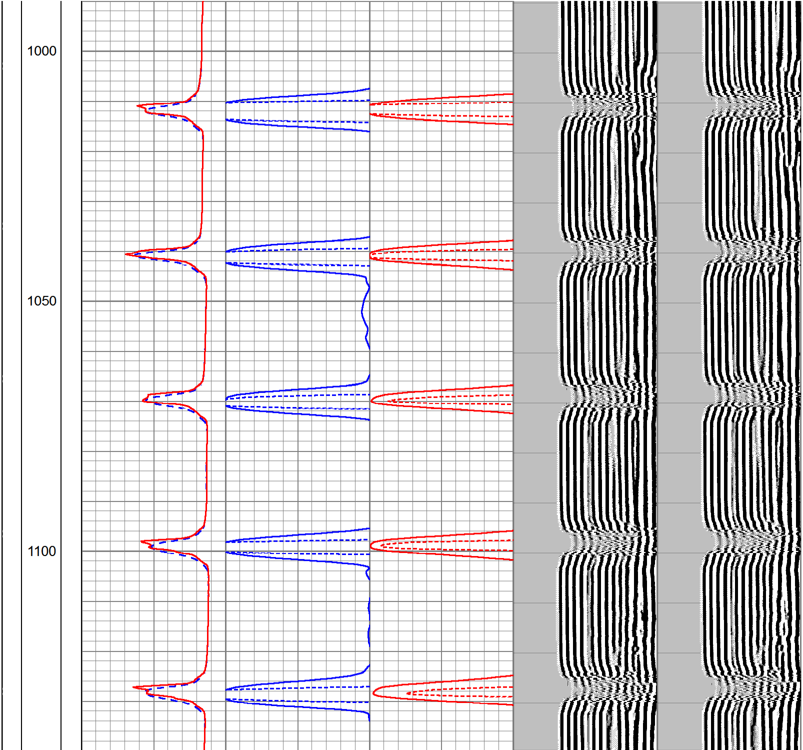
Comments

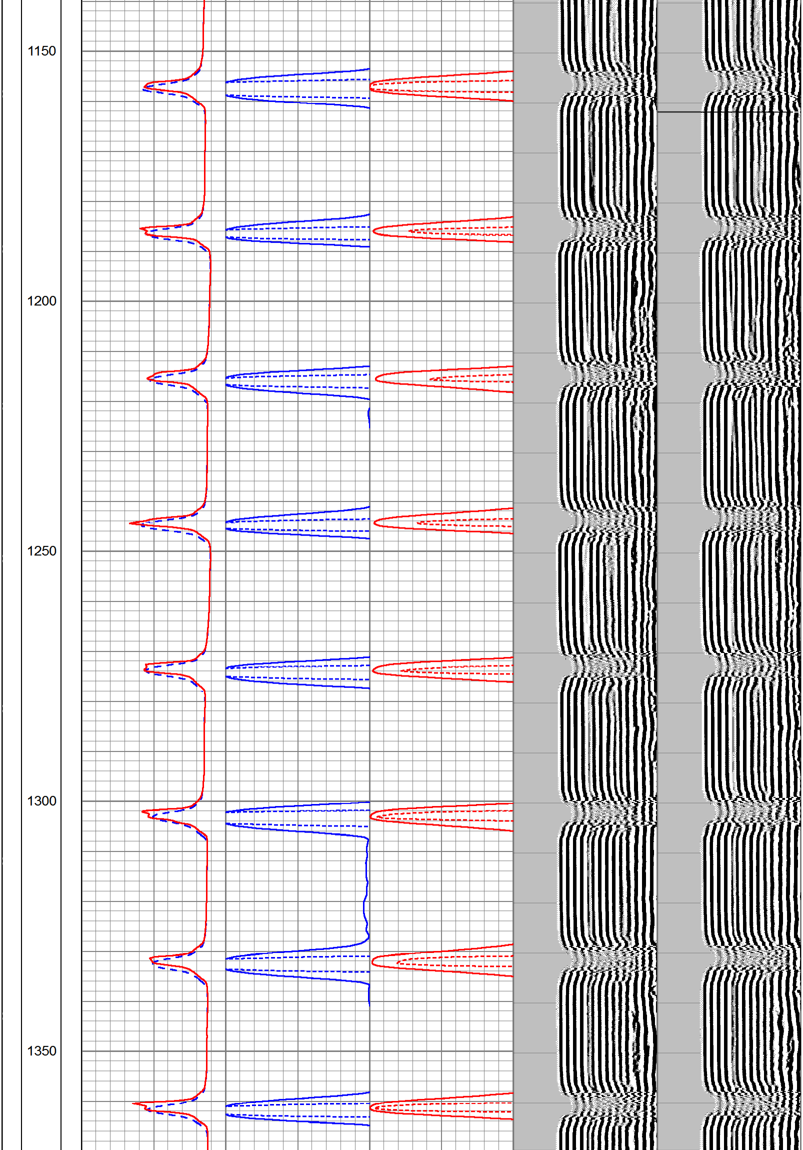
PRE & POST CBL PERFORMED ON 6 5/8" FRP CASING
PRE CEMENT CBL RUN 10 PERFORMED ON MAR 03rd @ 9:00PM
POST CEMENT CBL RUN 12 PERFORMED ON MAR 08th @ 6:00AM

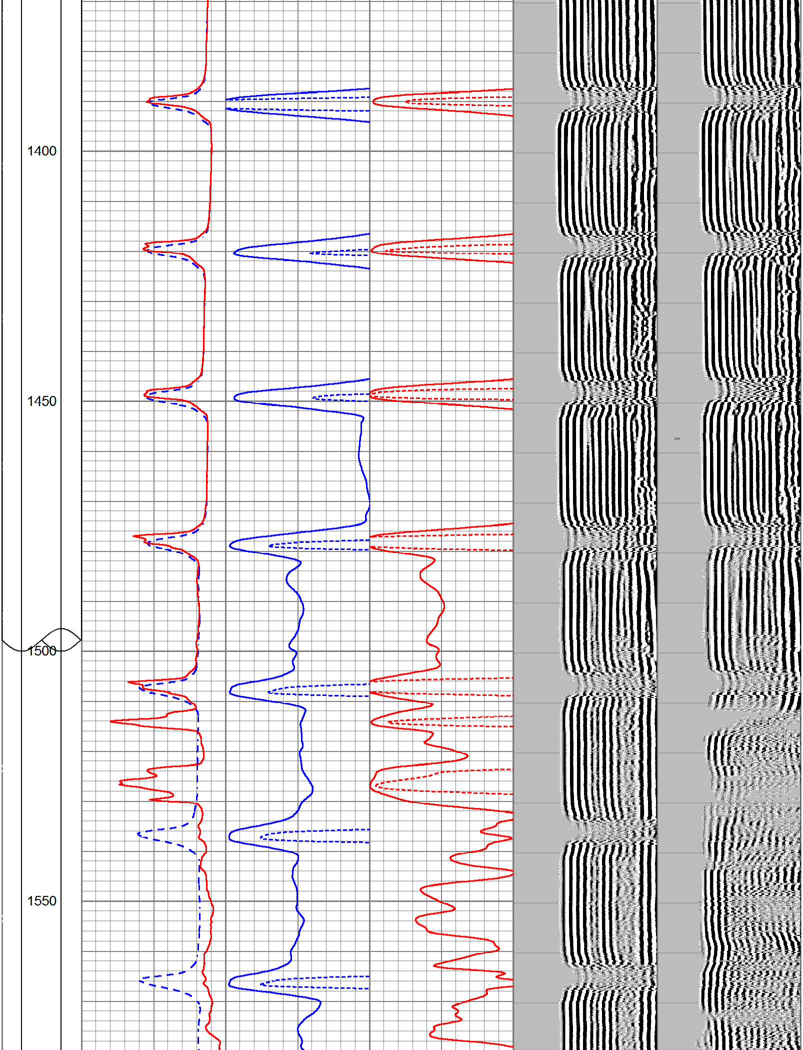
MERGED CBL 6 5/8" FRP

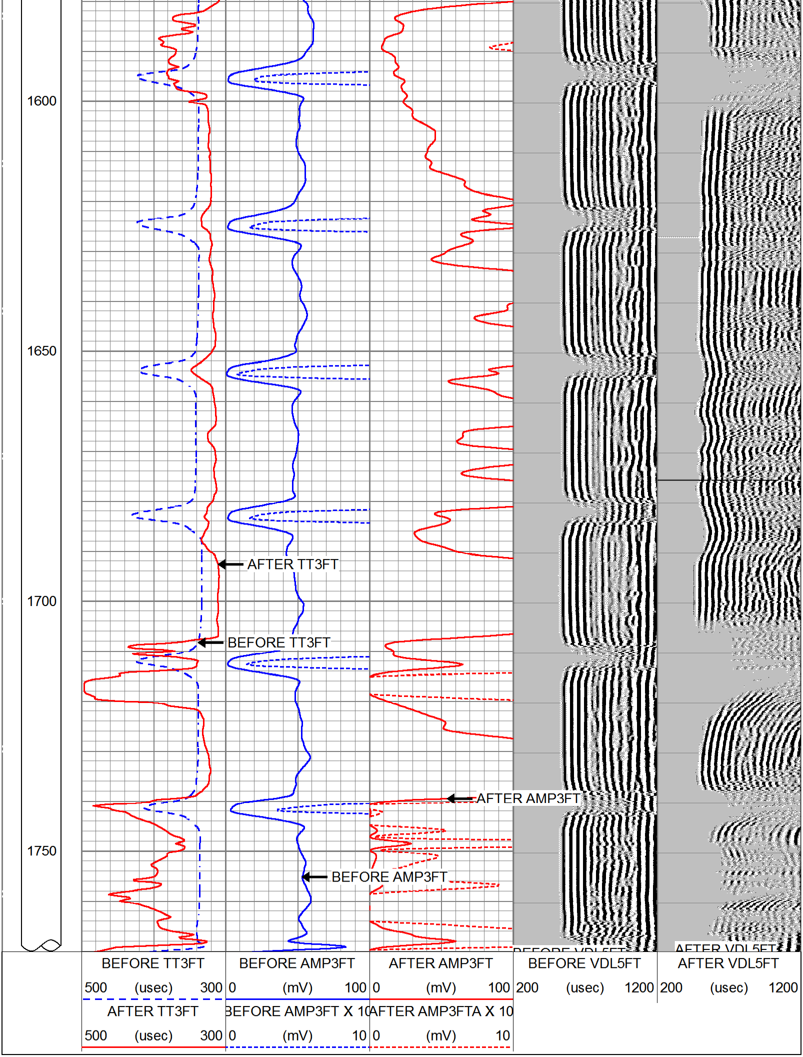
Database File	hw diw stof mw1 r10.db
Dataset Pathname	hw-diw-stof/mw-1/run10/pre4
Presentation Format	cbl_mg
Dataset Creation	Sat Mar 03 22:09:39 2018
Charted by	Depth in Feet scaled 1:240

Curve	Left	Unit	Right
BEFORE TT3FT	500	(usec)	300
AFTER TT3FT	500	(usec)	300
BEFORE AMP3FT	0	(mV)	100
BEFORE AMP3FT X 10	0	(mV)	10
AFTER AMP3FT	0	(mV)	100
AFTER AMP3FTA X 10	0	(mV)	10
BEFORE VDL5FT	200	(usec)	1200
AFTER VDL5FT	200	(usec)	1200









Calibration Report

Database File	hw diw stof mw1 r10.db
Dataset Pathname	hw-diw-stof/mw-1/run10/pre4
Dataset Creation	Sat Mar 03 22:09:39 2018

Segmented Cement Bond Log Calibration Report

Serial Number:	087	
Tool Model:	YBI-3'5'	
Calibration Casing Diameter:	6.625	in
Calibration Depth:	1675.125	ft

Master Calibration, performed Sat Mar 03 21:06:17 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.434	1.000	50.000	114.724	0.255
CAL						
5'	-0.022	0.551	1.000	50.000	85.555	2.890
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						

Air Zero Calibration, performed Sat Mar 03 20:28:36 2018:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1			
S2			
S3			
S4			
S5			
S6			
S7			
S8			

Calibration Report

Database File	hw diw stof mw1 r10.db
Dataset Pathname	hw-diw-stof/mw-1/run12/post5
Dataset Creation	Thu Mar 08 06:58:54 2018

Segmented Cement Bond Log Calibration Report

Serial Number:	087	
Tool Model:	YBI-3'5'	
Calibration Casing Diameter:	6.625	in
Calibration Depth:	1500.000	ft

Master Calibration, performed Thu Mar 08 05:49:11 2018:

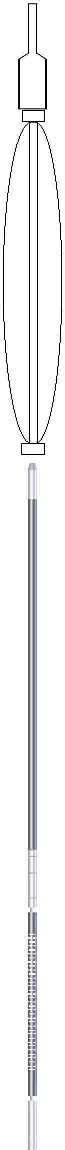
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	0.341	1.000	50.000	146.473	0.049
CAL						
5'	-0.022	0.409	1.000	50.000	113.678	3.512
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

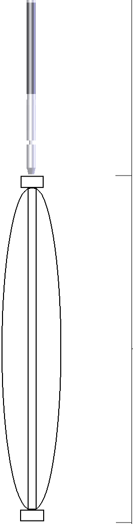
Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						

Air Zero Calibration, performed Thu Mar 08 05:30:04 2018:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1			
S2			
S3			
S4			
S5			
S6			
S7			
S8			

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			CHD-StdCHD	1.00	1.69	10.00
			CENT-SHRT	3.25	2.00	30.00
WVF5FT	10.09					
WVF3FT	8.09					
			CBL-YBI-3'5' (087)	8.15	2.43	
WVFSYNC	5.09					

			CENT-SHRT	3.25	2.00	30.00

Dataset:	hw diw stof mw1 r10.db: hw-diw-stof/mw-1/run10/pre4
Total length:	15.65 ft
Total weight:	70.00 lb
O.D.:	2.43 in