XY CALIPER GAMMA RAY TEMPERATURE & 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

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

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

Date	01-10-2018		
Run Number	THREE		
Depth Driller	1004'		
Depth Logger	1008'		
Bottom Logged Interval	1008'		
Top Log Interval	200'		
Open Hole Size	34.5"		
Type Fluid	WBM		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	N/A		
Time Well Ready	05:00		
Time Logger on Bottom	06:00		
Equipment Number	104		
Location	FORT MYERS		
Recorded By	G. BANDRES		
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'				

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				
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 OPENING 61"
ABHV CALCULATION BASED ON 24" CASING

OTHER SERVICES:
TEMPERATURE
SPONTANEOUS POTENTIAL

YOUNGQUIST BROTHERS

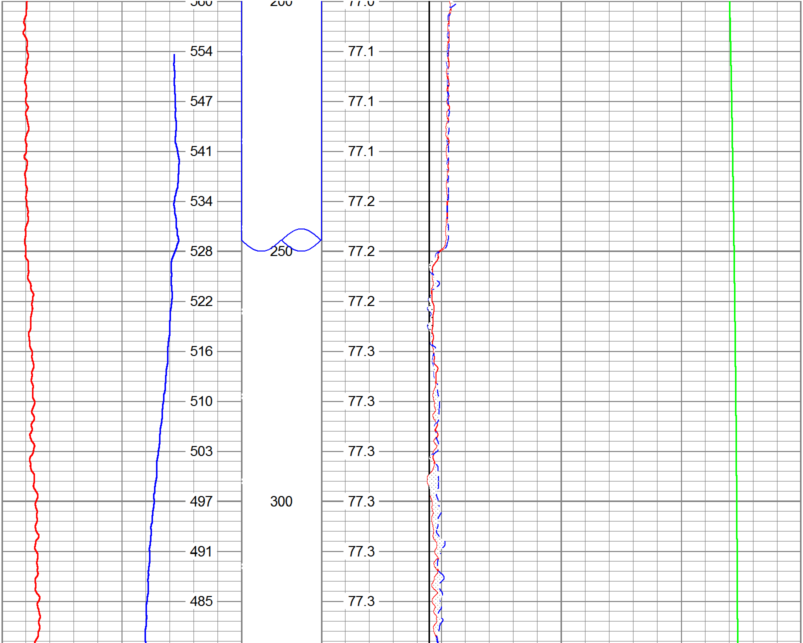
MAIN PASS

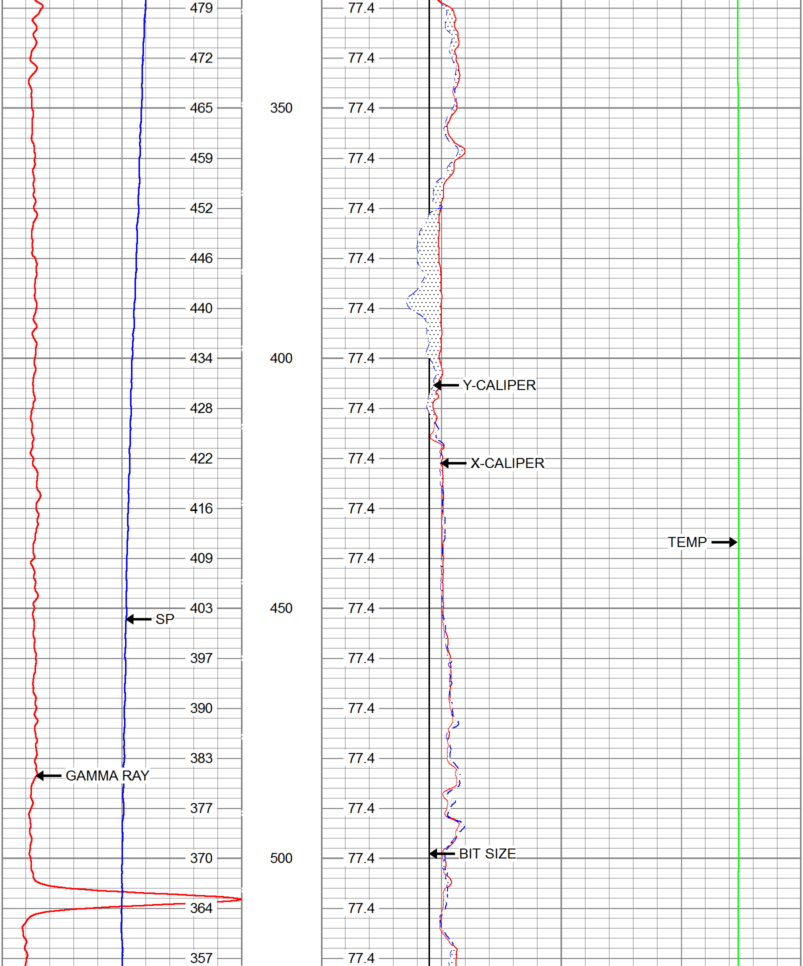
Database File	hw-diw-stof-mw1-r3.db
Dataset Pathname	hw-diw-stof/mw-1/run3/pass4.2
Presentation Format	grxy-abhv
Dataset Creation	Wed Jan 10 09:00:03 2018
Charted by	Depth in Feet scaled 1:240

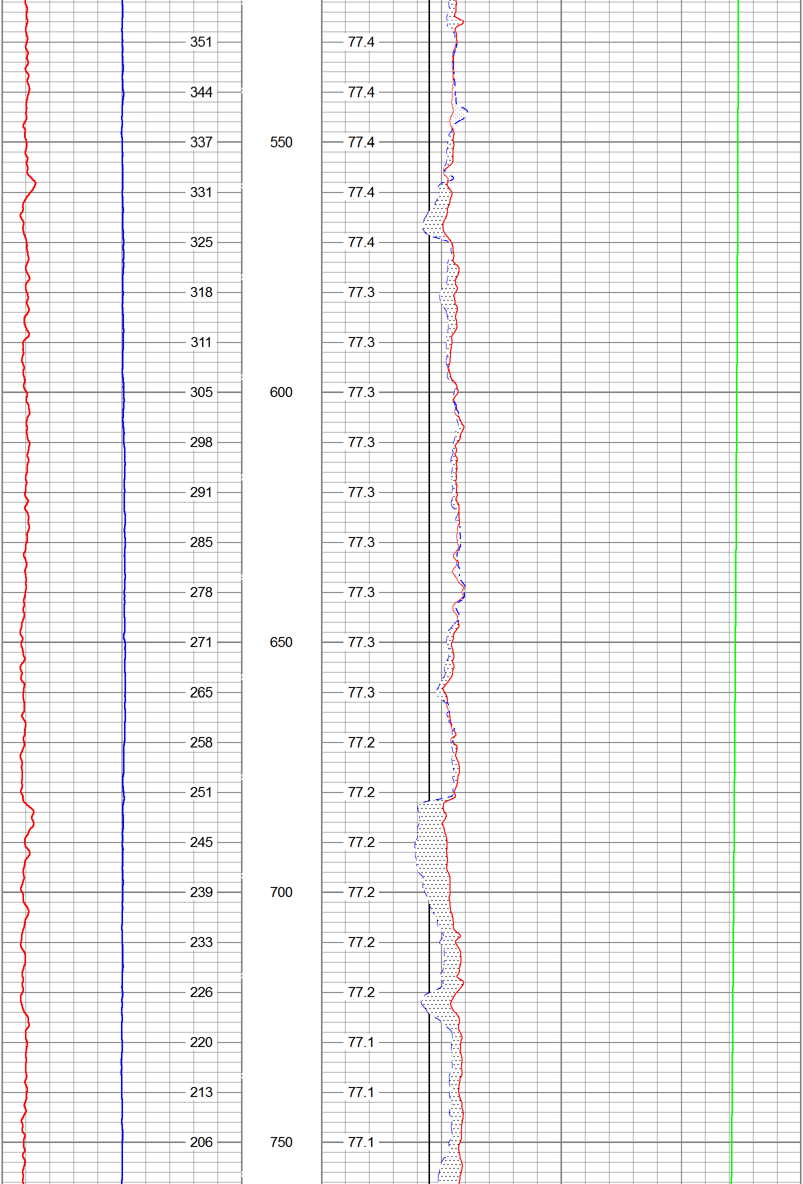
0 GAMMA RAY (GAPI) 100
-100 SP (mV) 100
ABHV (bbl)

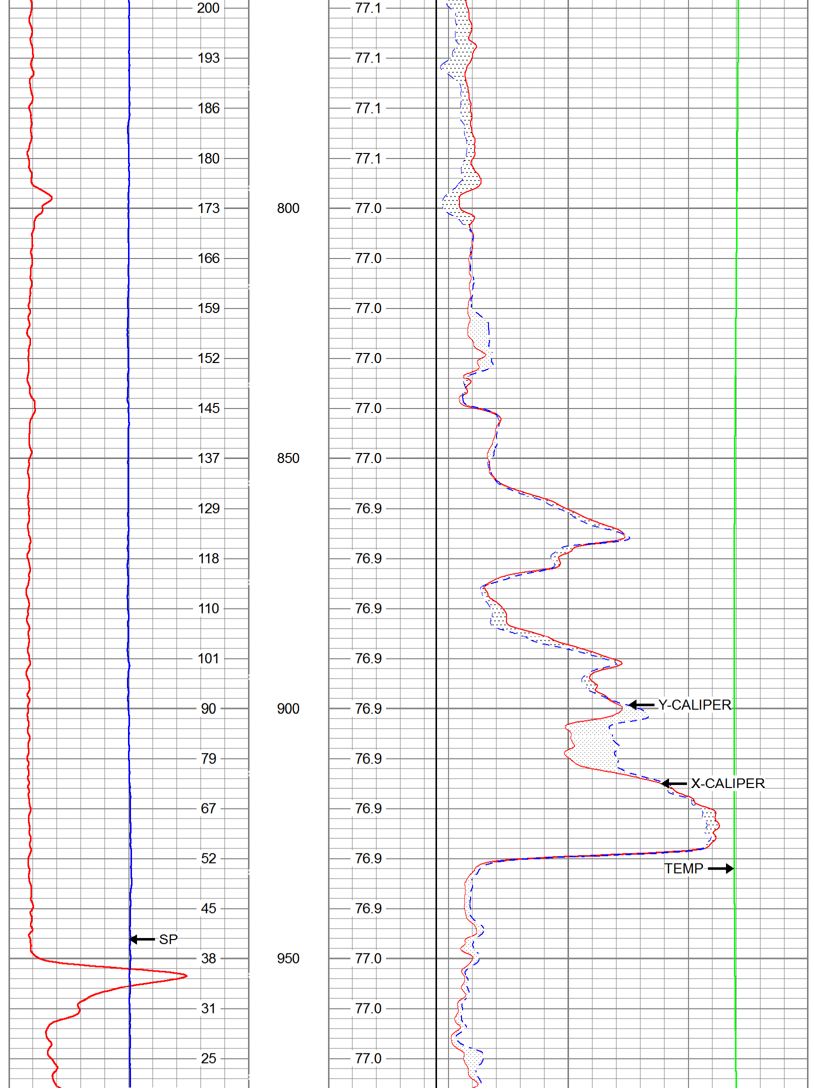
30 X-CALIPER (in) 50
30 Y-CALIPER (in) 50
30 BIT SIZE (in) 50

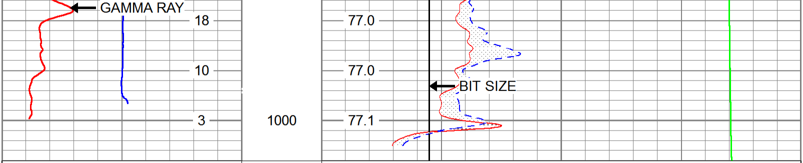
TEMP (degF)
70 TEMP (degF) 80











0	GAMMA RAY (GAPI)	100	
-100	SP (mV)	100	
	ABHV (bbl)		

30	X-CALIPER (in)	50
30	Y-CALIPER (in)	50
30	BIT SIZE (in)	50

TEMP (degF)

70	TEMP (degF)	80

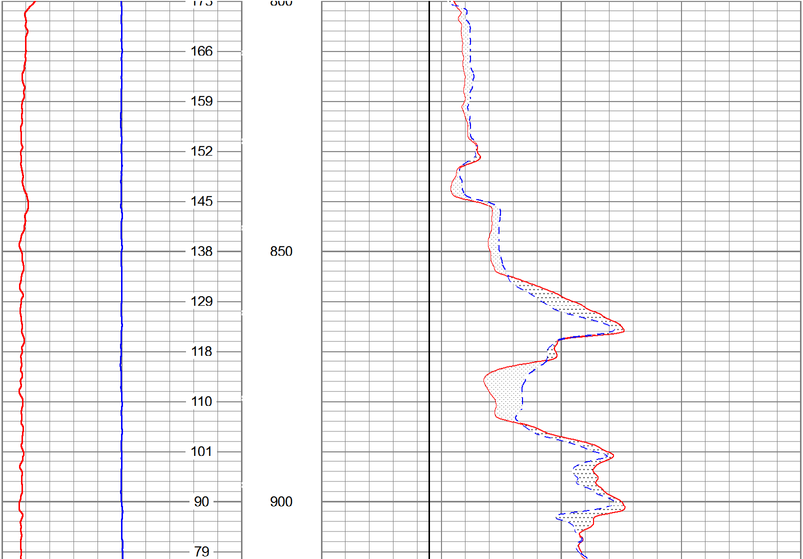
YOUNGQUIST BROTHERS

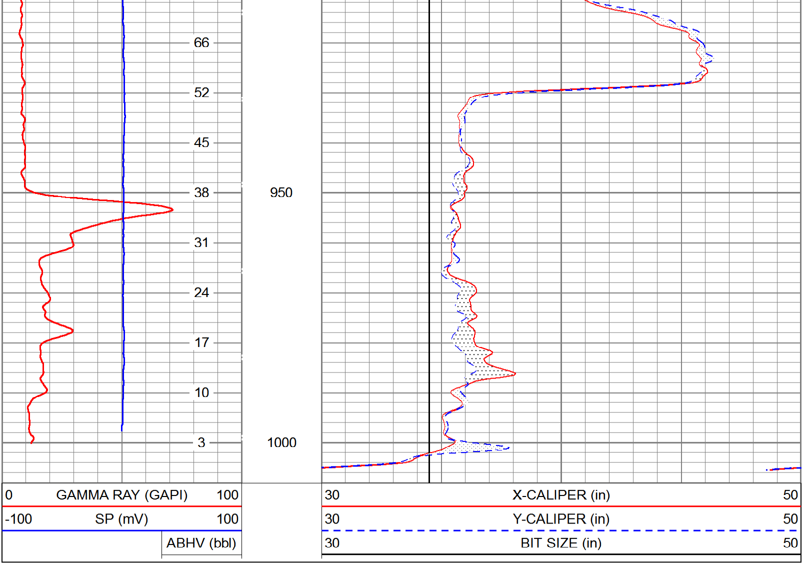
REPEAT SECTION

Database File	hw-diw-stof-mw1-r3.db
Dataset Pathname	hw-diw-stof/mw-1/run3/pass3.1
Presentation Format	grxy-abhv
Dataset Creation	Wed Jan 10 09:01:16 2018
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	100
-100	SP (mV)	100
	ABHV (bbl)	

30	X-CALIPER (in)	50
30	Y-CALIPER (in)	50
30	BIT SIZE (in)	50





Calibration Report

Database File hw-diw-stof-mw1-r3.db
Dataset Pathname hw-diw-stof/mw-1/run3/pass2
Dataset Creation Wed Jan 10 06:43:11 2018

Temperature Calibration Report

Serial Number: 10
Tool Model: SONDEX
Performed: Tue Dec 19 01:40:06 2017

Point #	Reading		Reference	
1	157.73	cps	36.00	degF
2	412.72	cps	64.00	degF
3	1246.18	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-r3.db
Dataset Pathname	hw-diw-stof/mw-1/run3/pass4.2
Dataset Creation	Wed Jan 10 09:00:03 2018

XY Caliper Calibration Report

Serial Number/Model:	06LM-XYCLM
Performed:	Wed Jan 10 05:34:59 2018

Ring			X Caliper		Y Caliper	
1:	10	in	355.135	cps	376.541	cps
2:	20	in	543.043	cps	550.543	cps
3:	30	in	739.239	cps	753.37	cps
4:	35.25	in	877.96	cps	881.788	cps
5:	40	in	968.478	cps	977.935	cps
6:	50	in	1202.61	cps	1213.15	cps
7:	60	in	1444.35	cps	1440.33	cps
8:	61	in	1456.63	cps	1448.48	cps
9:		in		cps		cps
10:		in		cps		cps

Gamma Ray Calibration Report

Serial Number:	136	
Tool Model:	GROH	
Performed:	Tue Dec 12 06:26:34 2017	
Calibrator Value:	69.0	GAPI
Background Reading:	19.0	cps
Calibrator Reading:	598.6	cps
Sensitivity:	0.1190	GAPI/cps

Calibration Report

Database File	hw-diw-stof-mw1-r3.db
Dataset Pathname	hw-diw-stof/mw-1/run3/pass6.1
Dataset Creation	Wed Jan 10 09:58:30 2018

Dual Induction Calibration Report

Serial-Model:	0606-C
Surface Cal Performed:	Tue Jan 26 14:46:55 2010
Downhole Cal Performed:	Wed Jan 10 07:42:50 2018
After Survey Verification Performed:	Wed Jan 10 07:42:50 2018

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.036	0.638	V	0.000	400.000	mmho/m	592.952	21.530
Medium	0.031	0.837	V	0.000	464.000	mmho/m	575.739	-17.939
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.626	V	20.920	384.470	mmho/m	587.121	16.699
Medium	0.009	0.748	V	12.740	427.710	mmho/m	561.375	7.816

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	24.954	425.051	mmho/m	19.289	388.610	mmho/m	0.923	-3.746
Medium	-17.633	431.766	mmho/m	7.432	433.713	mmho/m	0.949	24.158
Shallow	0.036	0.411		1.000	190.000	mmho/m	504.148	-17.182

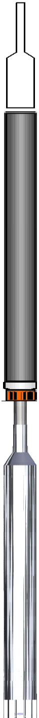
After Survey Verification

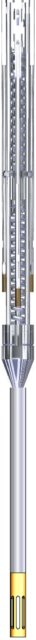
Internal:	Readings Zero	Readings Cal		Targets Zero	Targets Cal		Results m'	Results b'
Deep	0.000	0.000	mmho/m	24.954	425.051	mmho/m	0.923	-3.746
Medium	0.000	0.000	mmho/m	-17.633	431.766	mmho/m	0.949	24.158
Shallow	0.000	0.000	mmho/m	1.000	190.000	mmho/m	1.000	0.000

Spontaneous Potential Calibration Report

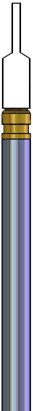
Serial Number: 0606
Tool Model: C
Performed: Wed Jan 10 07:42:11 2018

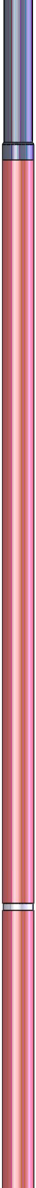
Gain: 21.362

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			CHD-StdCHD	1.00	1.69	10.00
			GR-GROH (136)	2.75	3.50	40.00
GR	9.93					

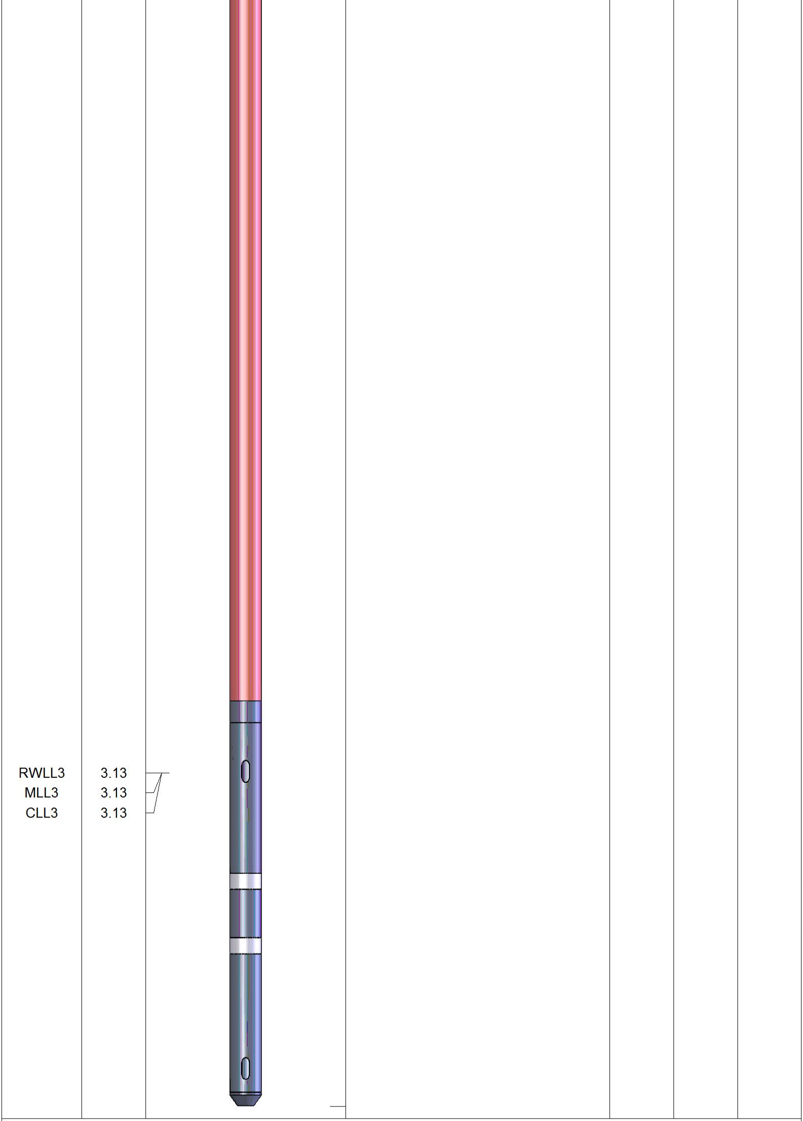
			XYC-XYCLM (06LM)	6.60	3.50	87.00
YCAL XCAL	2.83 2.83					
			BARS-1.68	2.33	1.68	50.00

Dataset: hw-diw-stof-mw1-r3.db: hw-diw-stof/mw-1/run3/pass4.2
Total length: 12.68 ft
Total weight: 187.00 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	15.88				
RWILD	15.88				
CILD	15.88				
		DIL-C (0606)	24.33	3.50	175.00
RWILM	12.08				
CILM	12.08				



Dataset:	hw-diw-stof-mw1-r3.db: hw-diw-stof/mw-1/run3/pass6.1
Total length:	25.33 ft
Total weight:	185.00 lb
O.D.:	3.50 in