MV Geophysical

FLOWMETER LOG

Company Florida Design Drilling Corp.
Well PW-1
Field Davie
County Broward
State/Prv Florida

Company	Florida Design Drilling Corp.
Well	PW-1
Field	Davie
County	Broward
State/Prv	Florida

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

Other Services
XY/GR
FLO,FCT
DHTV

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

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

Date	7-JUL-2012		
Run Number	FIVE		
Depth Driller	1576'		
Depth Logger	1576'		
Bottom Logged Interval	1576'		
Top Log Interval	895'		
Open Hole Size	14.75"		
Type Fluid	H2O		
Density / Viscosity	na/na		
Max. Recorded Temp.	see FCT log		
Estimated Cement Top	SURFACE		
Time Well Ready	10:00 7/7/2012		
Time Logger on Bottom	13:45 7/7/2012		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller/C.Miller		
Witnessed By	S. English (AECOM)	Rossco (FDD)	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	41"	46'	256'	FIVE	9.875	1100'	1576'
TWO	11.875"	255'	1100'				
THREE	28"	255'	975'				
FOUR	14.75"	972'	1576'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	42"	0.375" WT	SURFACE	46'
Prot. String	30"	0.375" WT	SURFACE	255'
Production String	16" FRP	15.875" ID	SURFACE	972'
Liner				
Invoice No.	2012149	fddavie1.db	8fld/4fld/.pdf/.las	* Final Print *

<<< Fold Here >>>

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

STATIC and DYNAMIC down passes were made at 50 fpm.

10x station performed.

Q =~1120 gpm

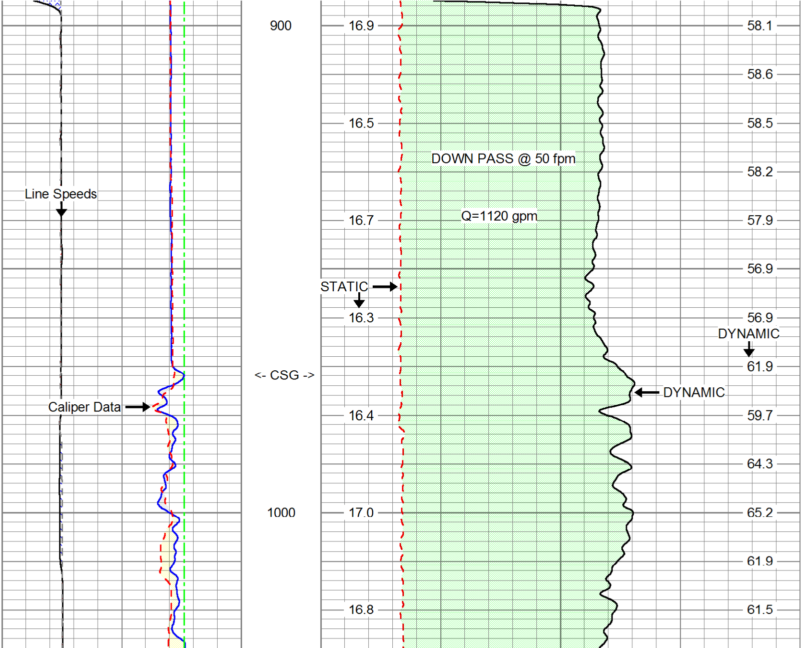
MV Geophysical

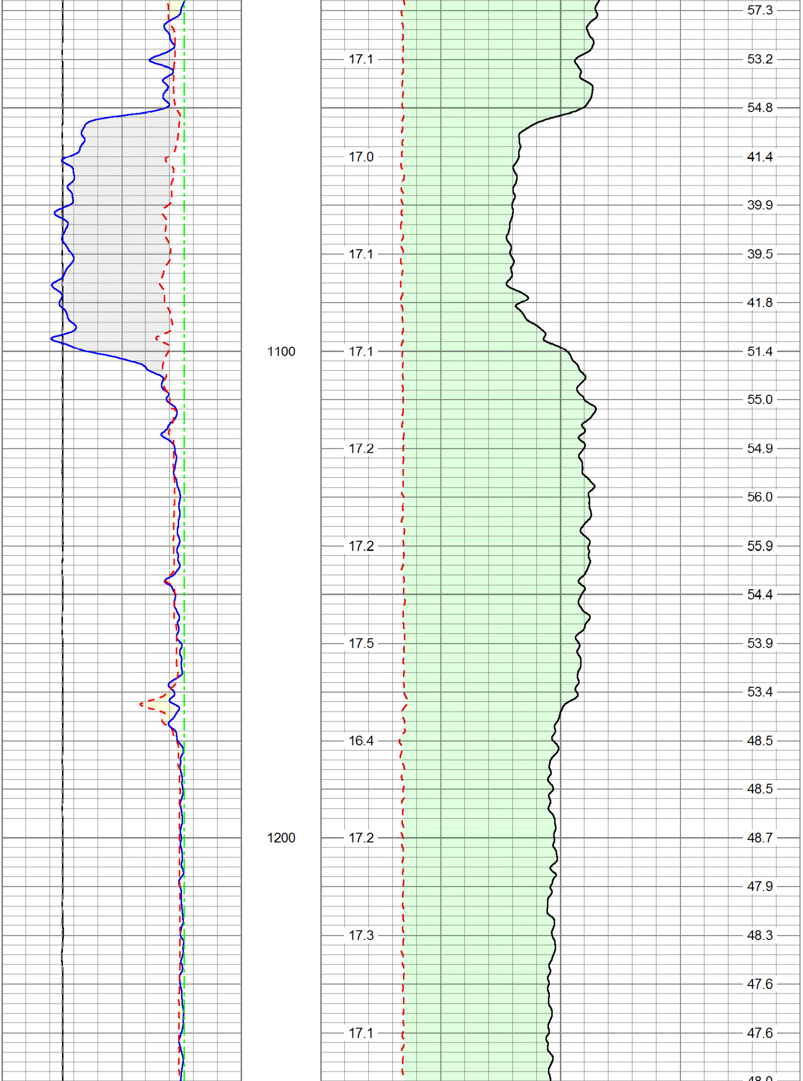
S/D DOWN @ 50 fpm

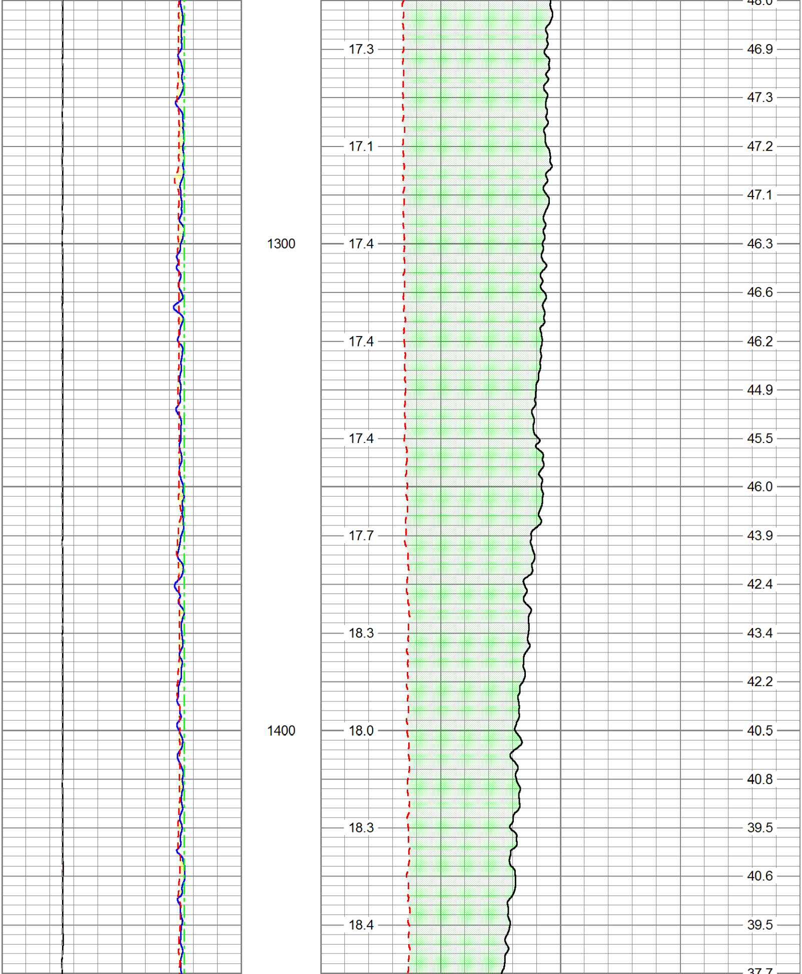
Database File:	fddavie1.db
Dataset Pathname:	run5/SD50
Presentation Format:	q-100
Dataset Creation:	Sat Jul 07 14:47:20 2012
Charted by:	Depth in Feet scaled 1:240

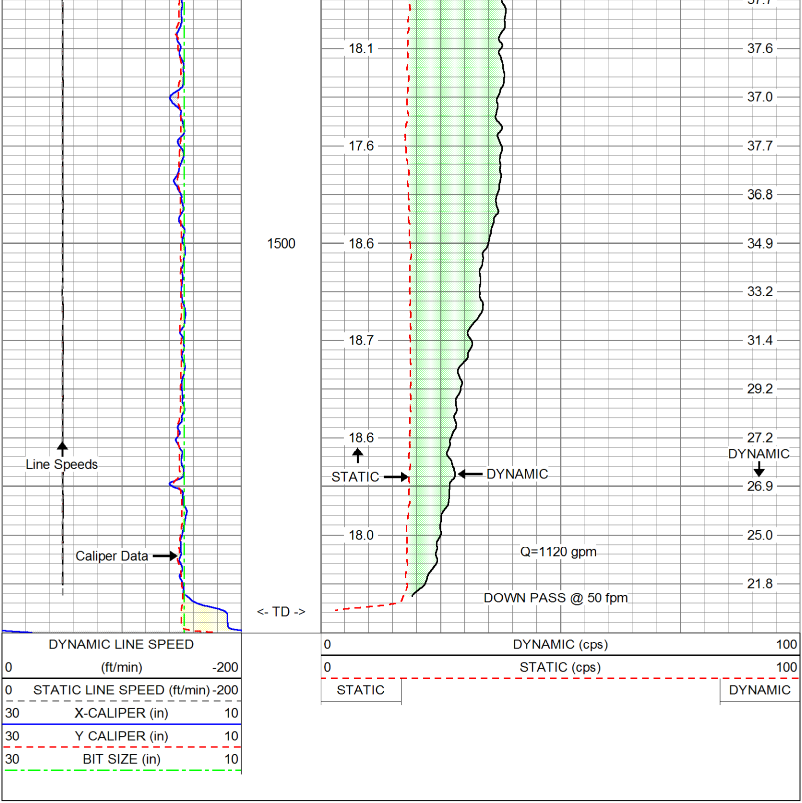
DYNAMIC LINE SPEED
0 (ft/min) -200
0 STATIC LINE SPEED (ft/min) -200
30 X-CALIPER (in) 10
30 Y CALIPER (in) 10
30 BIT SIZE (in) 10

0 DYNAMIC (cps) 100
0 STATIC (cps) 100
STATIC
DYNAMIC





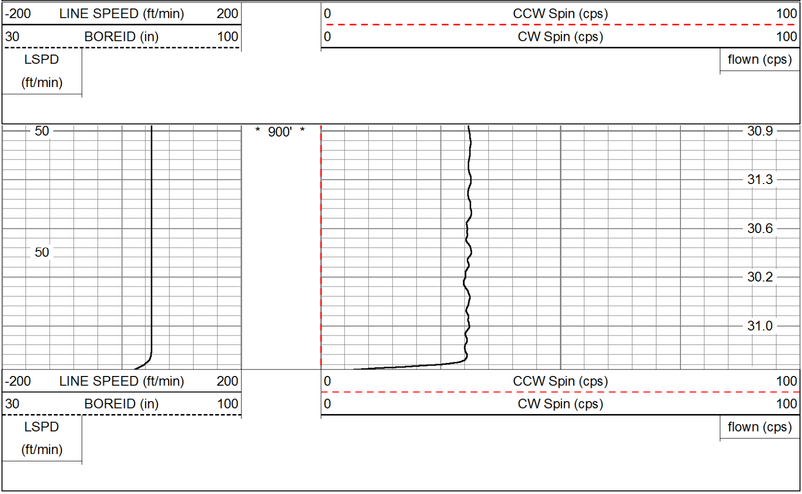




MV
Geophysical

Station #10: 900'

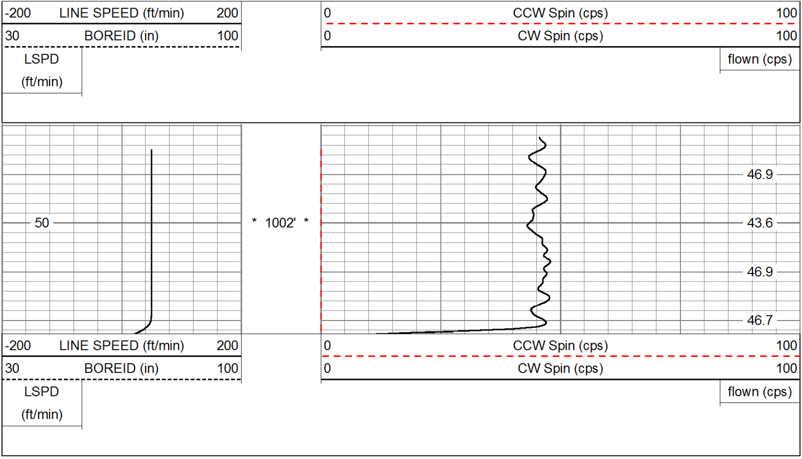
Database File: fddavie1.db
Dataset Pathname: run5/pass16
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:37:30 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



MV Geophysical

Station #9: 1002'

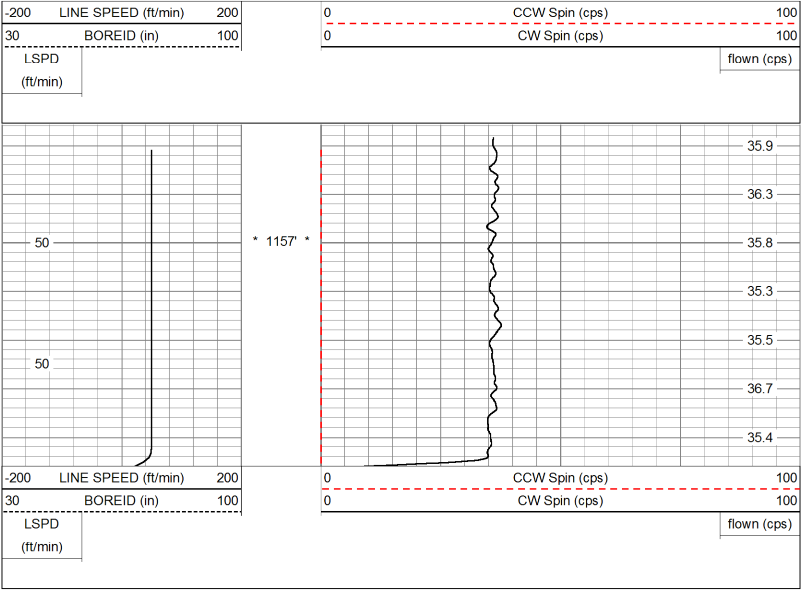
Database File: fddavie1.db
Dataset Pathname: run5/pass15
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:35:01 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



MV Geophysical

Station #8: 1157'

Database File: fddavie1.db
Dataset Pathname: run5/pass14
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:27:34 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



MV Geophysical

Station #7: 1354'

Database File: fddavie1.db
Dataset Pathname: run5/pass13
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:22:57 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

-200 LINE SPEED (ft/min) 200

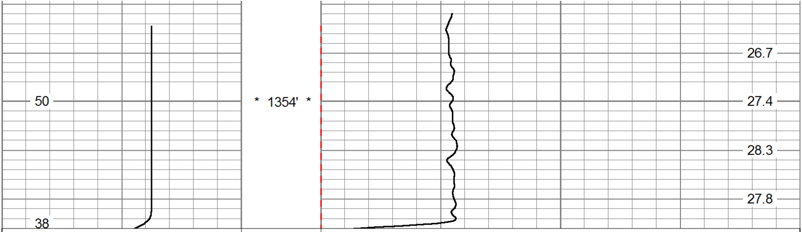
30 BOREID (in) 100

LSPD (ft/min)

0 CCW Spin (cps) 100

0 CW Spin (cps) 100

flown (cps)



-200 LINE SPEED (ft/min) 200

30 BOREID (in) 100

LSPD (ft/min)

0 CCW Spin (cps) 100

0 CW Spin (cps) 100

flown (cps)

MV Geophysical

Station #6: 1412'

Database File:	fddavie1.db
Dataset Pathname:	run5/pass12
Presentation Format:	flow
Dataset Creation:	Sat Jul 07 14:19:36 2012 by Log VER_5.3
Charted by:	Depth in Feet scaled 1:240

-200 LINE SPEED (ft/min) 200

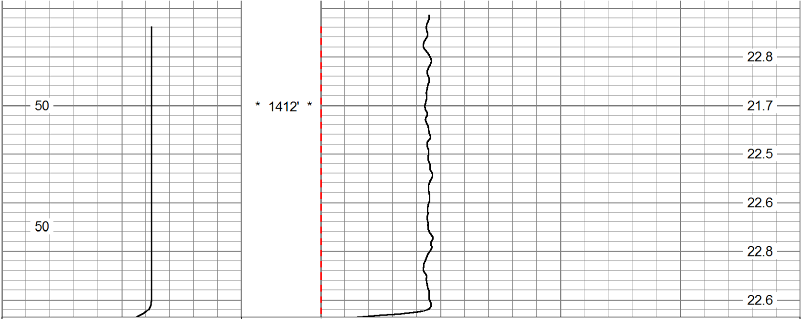
30 BOREID (in) 100

LSPD (ft/min)

0 CCW Spin (cps) 100

0 CW Spin (cps) 100

flown (cps)



-200 LINE SPEED (ft/min) 200
30 BOREID (in) 100
LSPD
(ft/min)

0 CCW Spin (cps) 100
0 CW Spin (cps) 100
flown (cps)

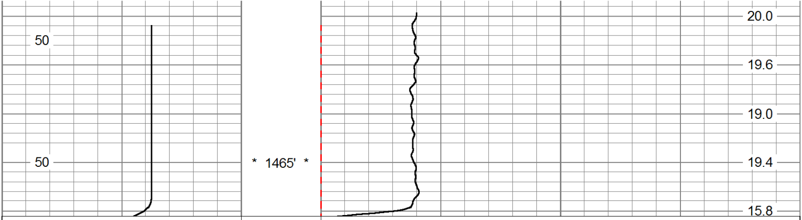
MV Geophysical

Station #5: 1465'

Database File: fddavie1.db
Dataset Pathname: run5/pass11
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:17:15 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

-200 LINE SPEED (ft/min) 200
30 BOREID (in) 100
LSPD
(ft/min)

0 CCW Spin (cps) 100
0 CW Spin (cps) 100
flown (cps)



-200 LINE SPEED (ft/min) 200
30 BOREID (in) 100
LSPD
(ft/min)

0 CCW Spin (cps) 100
0 CW Spin (cps) 100
flown (cps)

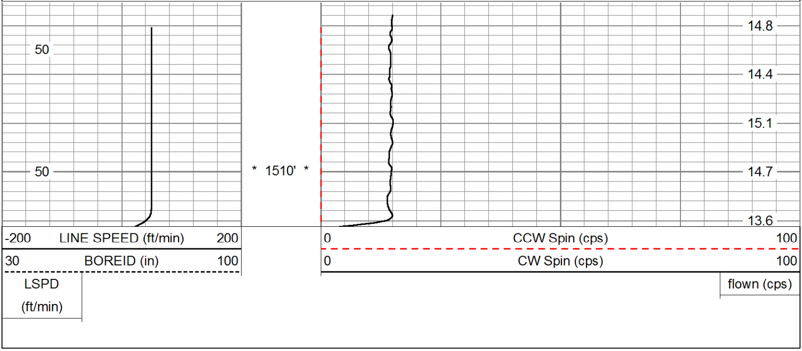
MV Geophysical

Station #4: 1510'

Database File: fddavie1.db
Dataset Pathname: run5/pass10
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:15:15 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

-200 LINE SPEED (ft/min) 200
30 BOREID (in) 100
LSPD
(ft/min)

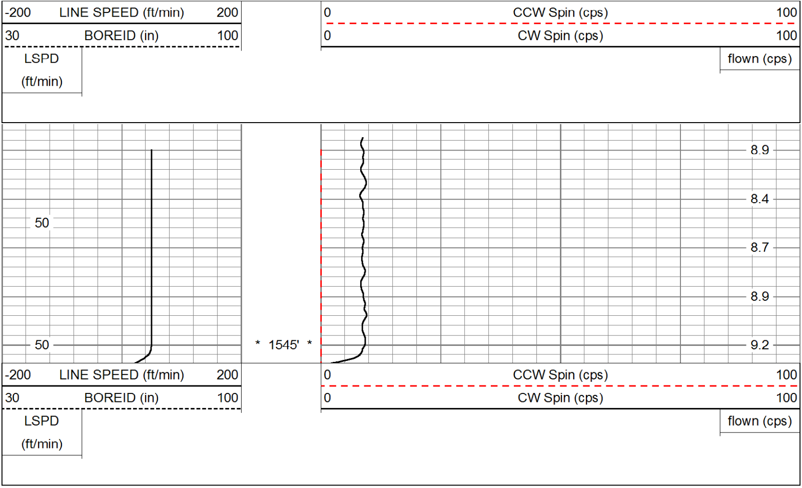
0 CCW Spin (cps) 100
0 CW Spin (cps) 100
flown (cps)



MV Geophysical

Station #3: 1545'

Database File:	fddavie1.db
Dataset Pathname:	run5/pass9
Presentation Format:	flow
Dataset Creation:	Sat Jul 07 14:13:24 2012 by Log VER_5.3
Charted by:	Depth in Feet scaled 1:240

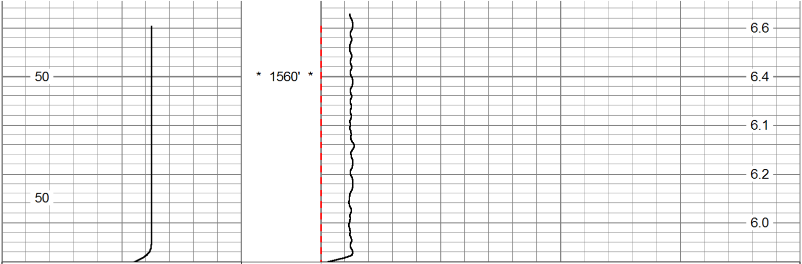


MV
Geophysical

Station #2: 1560'

Database File: fddavie1.db
Dataset Pathname: run5/pass8
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:11:42 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

-200	LINE SPEED (ft/min)	200	0	CCW Spin (cps)	100
30	BOREID (in)	100	0	CW Spin (cps)	100
LSPD (ft/min)					flown (cps)



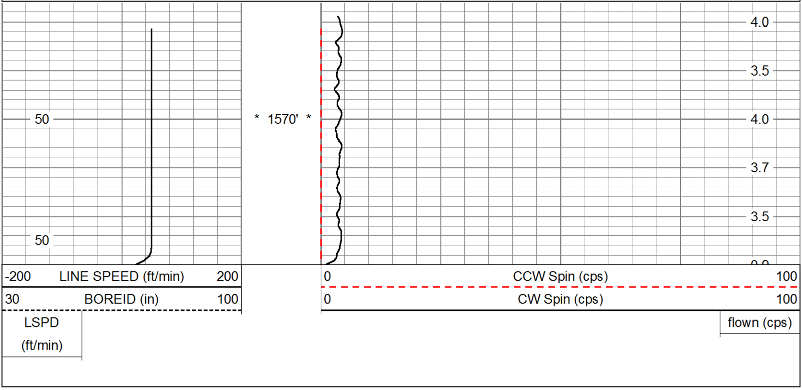
-200	LINE SPEED (ft/min)	200	0	CCW Spin (cps)	100
30	BOREID (in)	100	0	CW Spin (cps)	100
LSPD (ft/min)					flown (cps)

MV
Geophysical

Station #1: 1570'

Database File: fddavie1.db
Dataset Pathname: run5/pass7
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:09:52 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

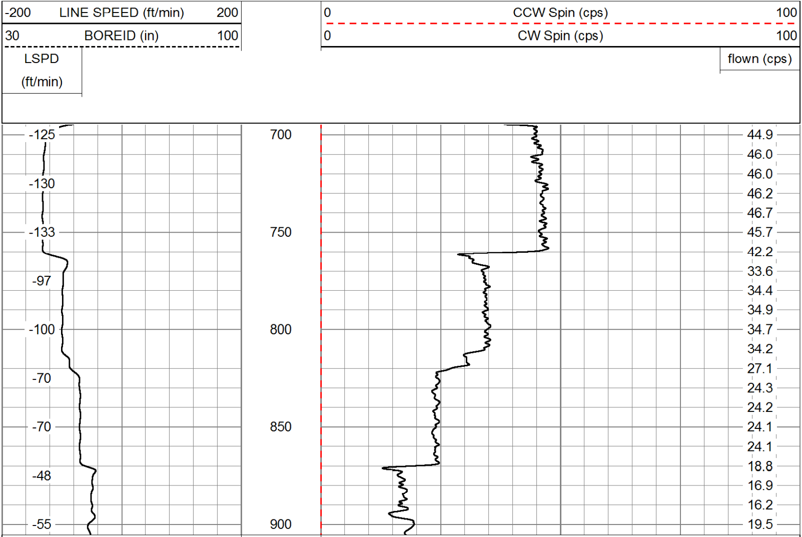
-200	LINE SPEED (ft/min)	200	0	CCW Spin (cps)	100
30	BOREID (in)	100	0	CW Spin (cps)	100
LSPD (ft/min)					flown (cps)



MV
Geophysical

Q Calibration Down

Database File: fddavie1.db
Dataset Pathname: run5/pass18
Presentation Format: flow
Dataset Creation: Sat Jul 07 14:59:22 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:600

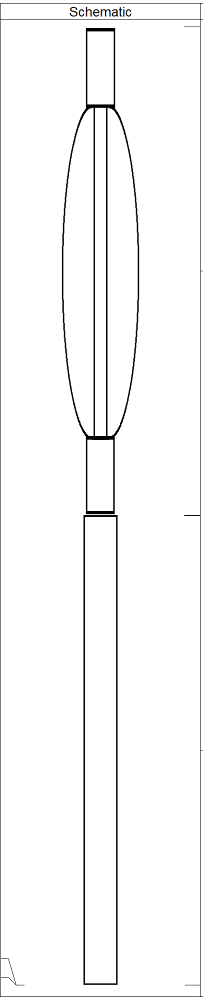


-200	LINE SPEED (ft/min)	200
30	BOREID (in)	100

LSPD
(ft/min)

0	CCW Spin (cps)	100
0	CW Spin (cps)	100

flown (cps)

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT-5FOOTSB (5FTSB)	5.00	1.69	50.00
			FLOW-LARGE (65)	4.80	3.75	35.00
FLOWP	0.00					
FLOWN	0.00					

Dataset: fddavie1.db: field/well/run5/pass16
Total Length: 9.80 ft
Total Weight: 85.00 lb
O.D. 3.75 in

MV Geophysical

Company	Florida Design Drilling Corp.
Well	PW-1
Field	Davie
County	Broward
State	Florida
Country	USA