MV Geophysical

FLOWMETER LOG

Company Florida Design Drilling Corp.
Well PW-5
Field Davie
County Broward
State/Prv Florida

Company	Florida Design Drilling Corp.		
Well	PW-5		
Field	Davie		
County	Broward	State/Prv	Florida

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

Other Services
XY/GR,FCT
DIL,BHC
FLO,DHTV

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

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

Date	4-APR-2012		
Run Number	FOUR		
Depth Driller	1400'		
Depth Logger	1402'		
Bottom Logged Interval	1402'		
Top Log Interval	875'		
Open Hole Size	9.875"		
Type Fluid	H2O		
Density / Viscosity	na/na		
Max. Recorded Temp.	NA		
Estimated Cement Top	SURFACE		
Time Well Ready	08:00 4/4/2012		
Time Logger on Bottom	13:45 4/4/2012		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller/C.Miller		
Witnessed By	S.English (AECOM)	B.Balmer (FDD)	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	41"	50'	262'	FIVE	15"	960'	990'
TWO	28"	260'	270'	SIX	9.875"	990'	1400'
THREE	9.875"	270'	992'				
FOUR	28"	260'	959'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	42"	0.375" WT	SURFACE	50'
Prot. String	30"	0.375" WT	SURFACE	260'
Production String	16" FRP	15.875" ID	SURFACE	954'
Liner				
Invoice No.	2012058	fddavie5.db	8fnl/4fld/.pdf/.las	* Final Print *

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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

STATIC and DYNAMIC down passes were made at 54 fpm.

7x station performed.

Q =~1000 gpm

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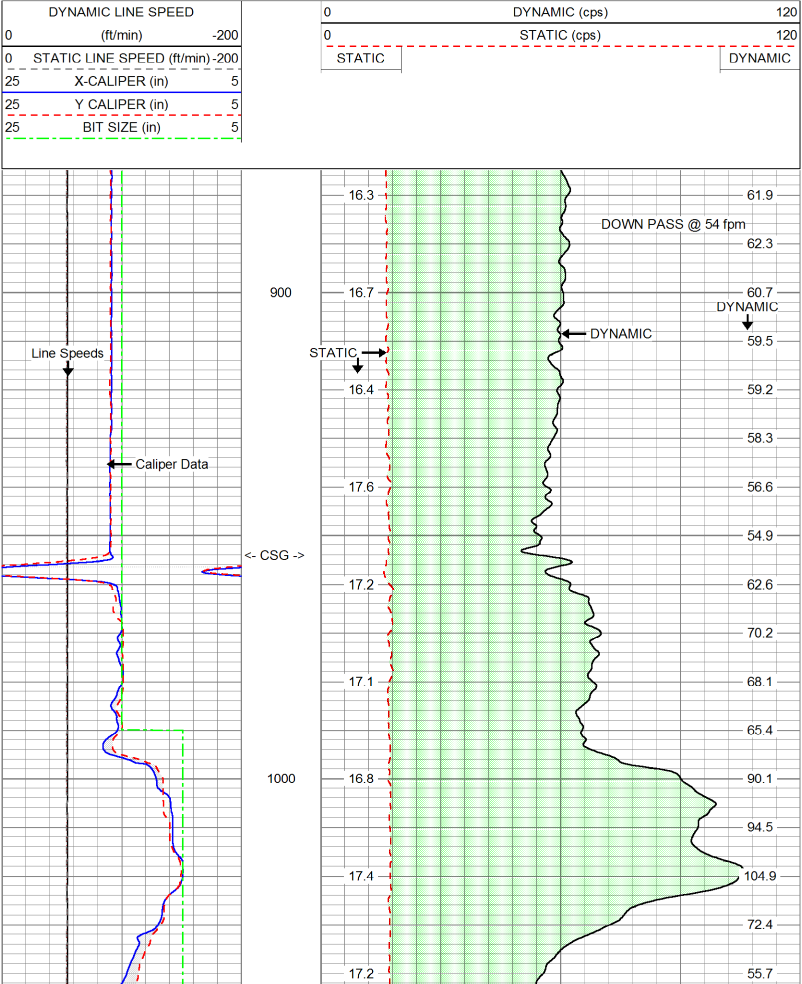
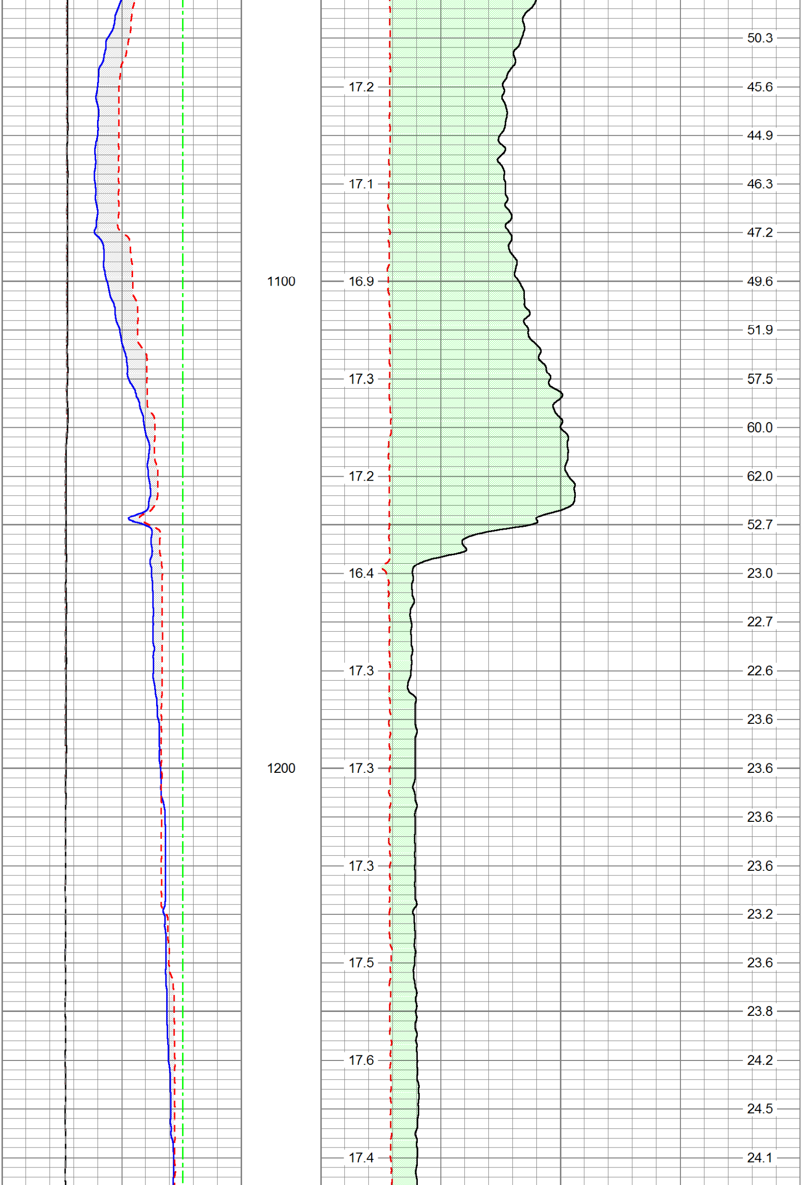
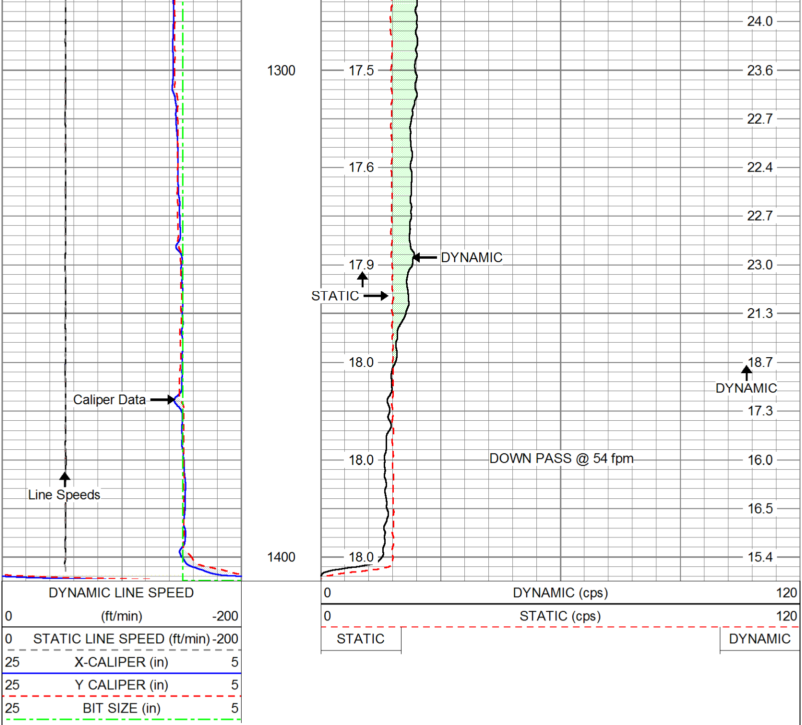
S/D Down @ 54 fpm

Database File:	fddavie5.db
Dataset Pathname:	run4/SD54
Presentation Format:	q-120
Dataset Creation:	Thu Apr 05 02:27:53 2012
Charted by:	Depth in Feet scaled 1:240







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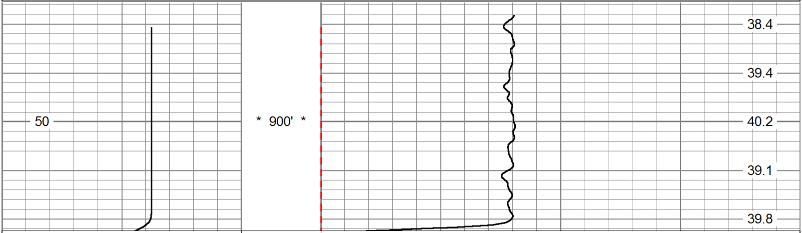
Station #7: 900'

Database File: fddavie5.db
Dataset Pathname: run4/pass23
Presentation Format: flow
Dataset Creation: Thu Apr 05 02:51:14 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)

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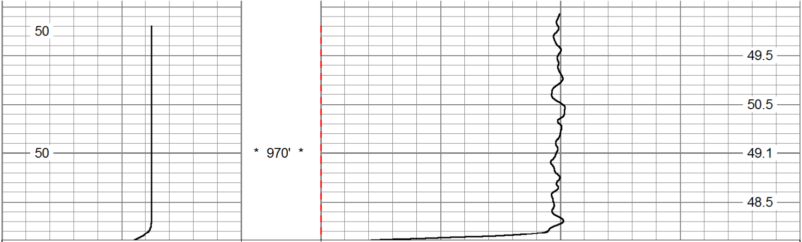
Station #6: 970'

Database File:	fddavie5.db
Dataset Pathname:	run4/pass22
Presentation Format:	flow
Dataset Creation:	Thu Apr 05 02:49:20 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)

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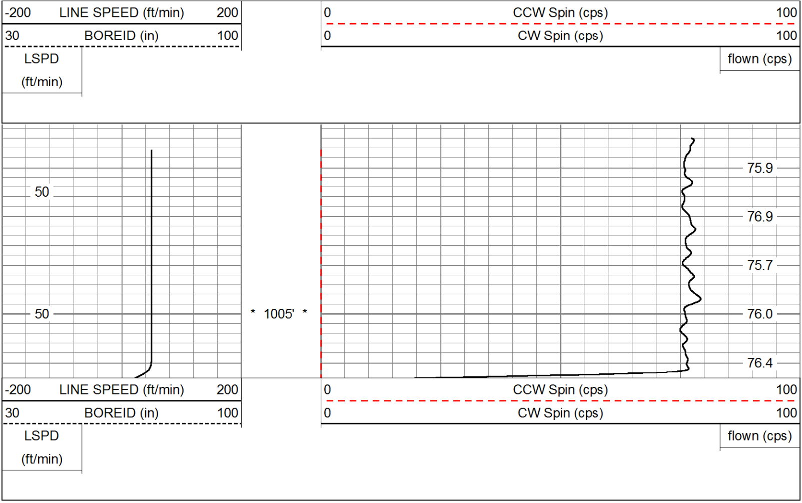
Station #5: 1005'

Database File: fddavie5.db
Dataset Pathname: run4/pass21
Presentation Format: flow
Dataset Creation: Thu Apr 05 02:47:25 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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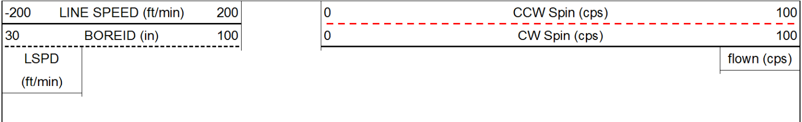
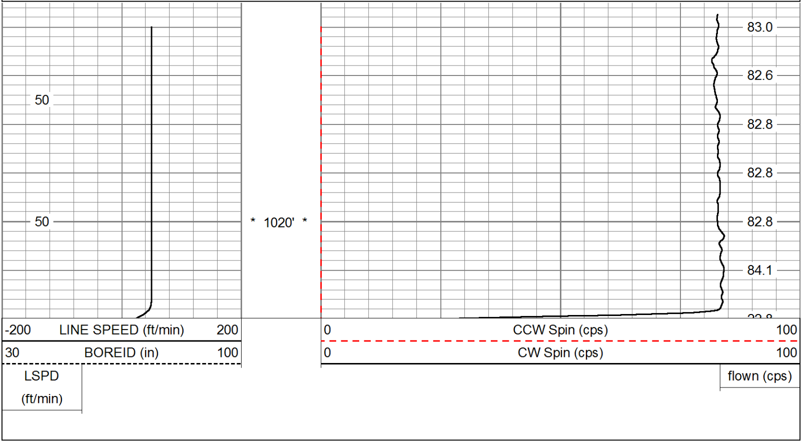
Station #4: 1020'

Database File: fddavie5.db
Dataset Pathname: run4/pass20
Presentation Format: flow
Dataset Creation: Thu Apr 05 02:44:17 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240





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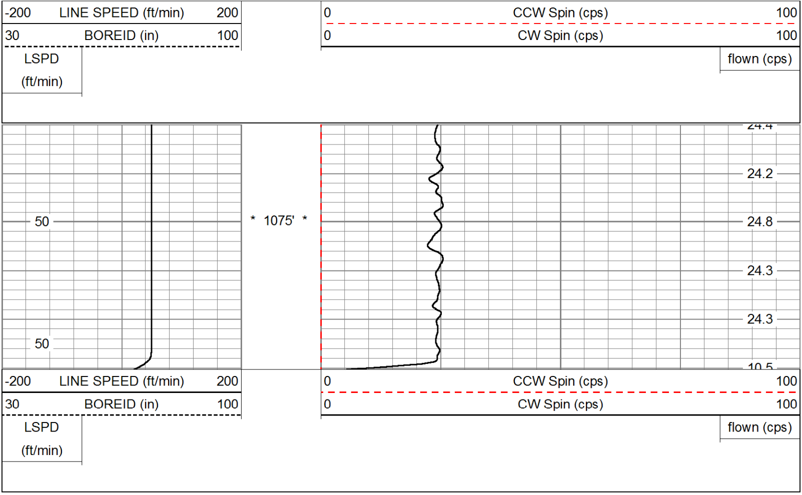
Station #3: 1075'

Database File: fddavie5.db
Dataset Pathname: run4/pass19
Presentation Format: flow
Dataset Creation: Thu Apr 05 02:41:05 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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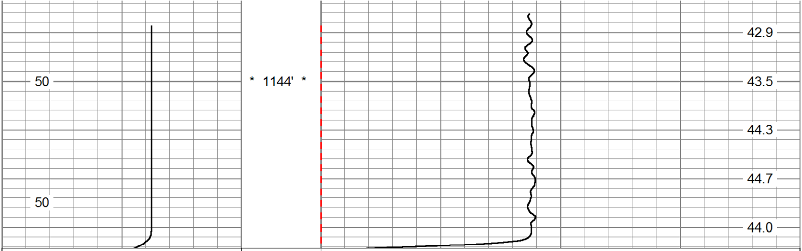
Station #2: 1144'

Database File: fddavie5.db
Dataset Pathname: run4/pass18
Presentation Format: flow
Dataset Creation: Thu Apr 05 02:38:00 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)

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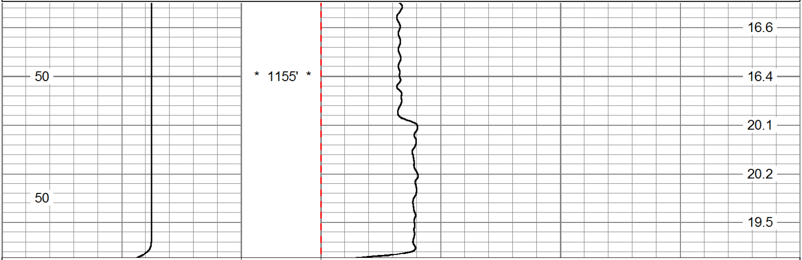
Station #1: 1155'

Database File: fddavie5.db
Dataset Pathname: run4/pass17
Presentation Format: flow
Dataset Creation: Thu Apr 05 02:35:56 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)

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Q Calibration Down

Database File: fddavie5.db
Dataset Pathname: run4/pass13
Presentation Format: flow
Dataset Creation: Thu Apr 05 01:44:19 2012 by Log VER_5.3
Charted by: Depth in Feet scaled 1:600

-200 LINE SPEED (ft/min) 200

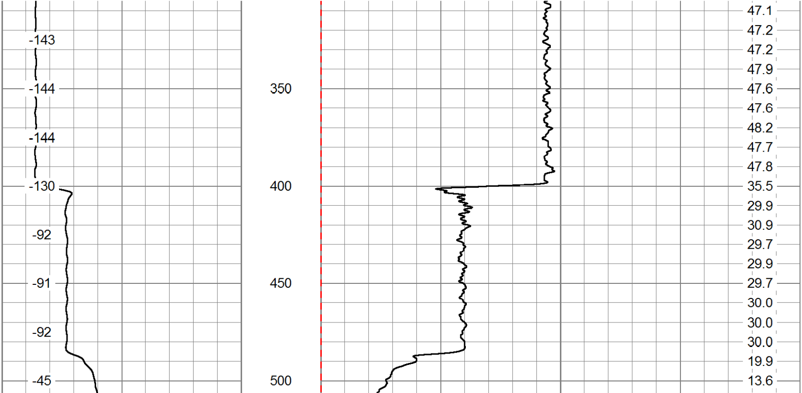
30 BOREID (in) 100

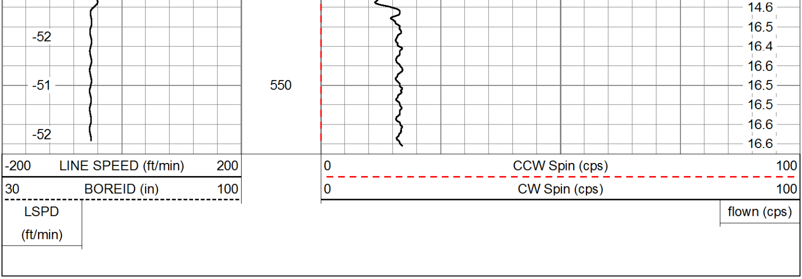
LSPD (ft/min)

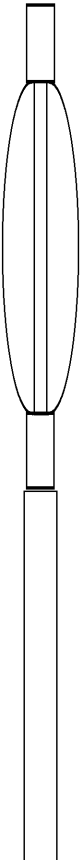
0 CCW Spin (cps) 100

0 CW Spin (cps) 100

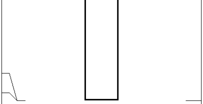
flown (cps)





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: fddavie5.db: field/well/run4/pass13
Total Length: 9.80 ft
Total Weight: 85.00 lb
O.D. 3.75 in

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Company	Florida Design Drilling Corp.		
Well	PW-5		
Field	Davie		
County	Broward		
State	Florida	Country	USA