MV Geophysical

FLOWMETER LOG

Company Diversified Drilling Corp.
Well 2N-R (L1043)
Field Cape Coral
County Lee
State/Prv Florida

Company	Diversified Drilling Corporation
Well	2N-R (L1043)
Field	Cape Coral
County	Lee
State/Prv	Florida

Location
Cape Coral - Suwannee PW Replacement
Cape Coral Water Utilities Department
MWH

Other Services
XY/GR,DIL
BHC,FCT
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	14-MAY-2009		
Run Number	THREE		
Depth Driller	1100'		
Depth Logger	1097'		
Bottom Logged Interval	1097'		
Top Log Interval	695'		
Open Hole Size	11.625"		
Type Fluid	H20		
Density / Viscosity	NA/NA		
Max. Recorded Temp.	na		
Estimated Cement Top	NA		
Time Well Ready	09:15 5/14/2009		
Time Logger on Bottom	14:15 5/14/2009		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller/C.Miller		T.Hull (DDC)
Witnessed By	G.Young (MWH)	N.Glenn (DDC)	T.Robbins (MWH)

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	7.875"	42'	810'				
TWO	18.75"	42'	748'				
THREE	11.625"	745'	1100'				
			1097' Logger				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375" WT	SURFACE	42'
Prot. String	12" FRP	12" ID	SURFACE	745'
Production String				
Liner			6x-pdf-las	CC-L1043.db
Invoice No.	2009070	P.O. #: 64495	Job No.: 6802	* 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 50 fpm.

FOUR (4x) stations performed.

Q =~400 gpm

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S/D DOWN @ 50 fpm

Database File:	cc-l1043.db
Dataset Pathname:	run4/SD50
Presentation Format:	Q-60
Dataset Creation:	Thu May 14 15:33:21 2009
Charted by:	Depth in Feet scaled 1:240

0 DYNAMIC LINE SPEED (ft/min)00

0 STATIC LINE SPEED (ft/min)200

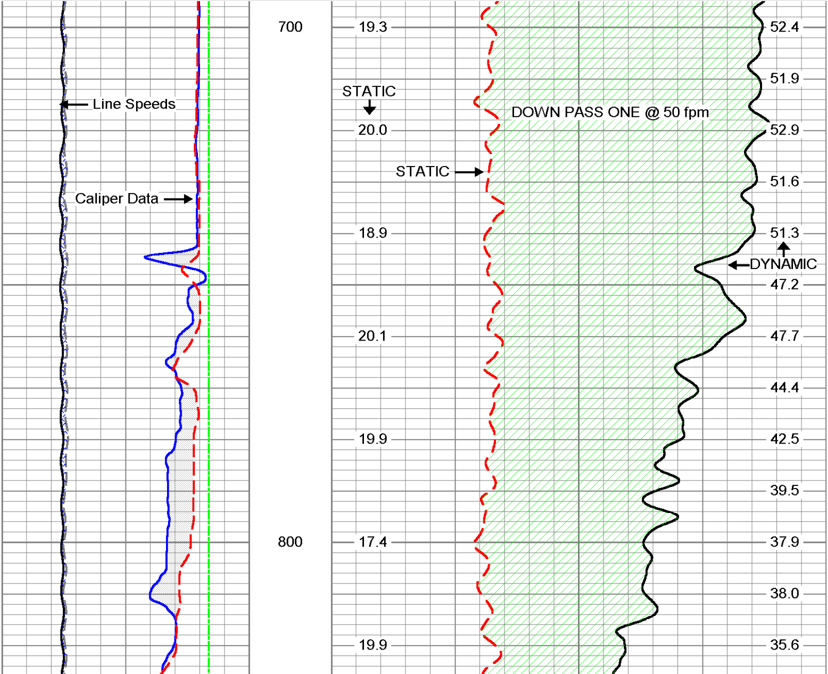
20 X-CALIPER (in) 10

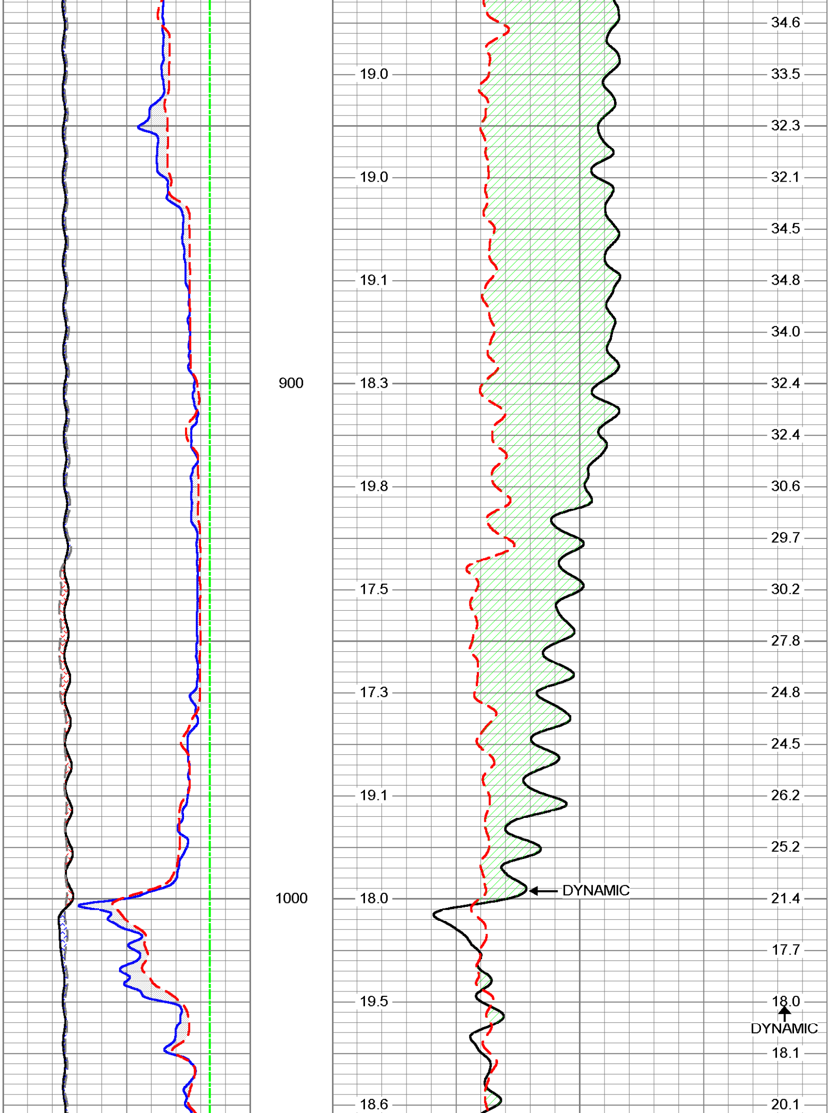
20 Y CALIPER (in) 10

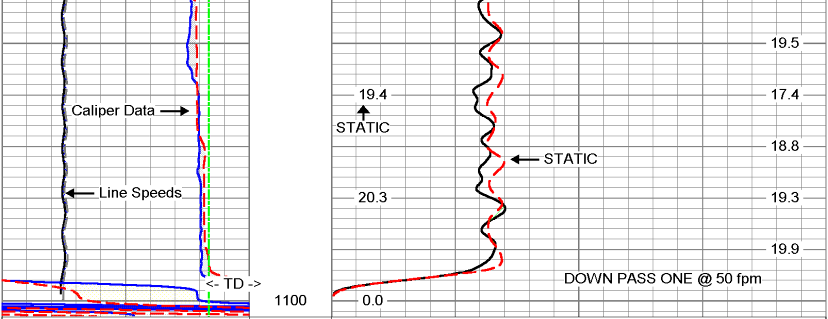
20 BIT SIZE (in) 10

0 DYNAMIC (cps) 60

0 STATIC (cps) 60







0 DYNAMIC LINE SPEED (ft/min)00
0 STATIC LINE SPEED (ft/min)200
20 X-CALIPER (in) 10
20 Y CALIPER (in) 10
20 BIT SIZE (in) 10

0 DYNAMIC (cps) 60
0 STATIC (cps) 60

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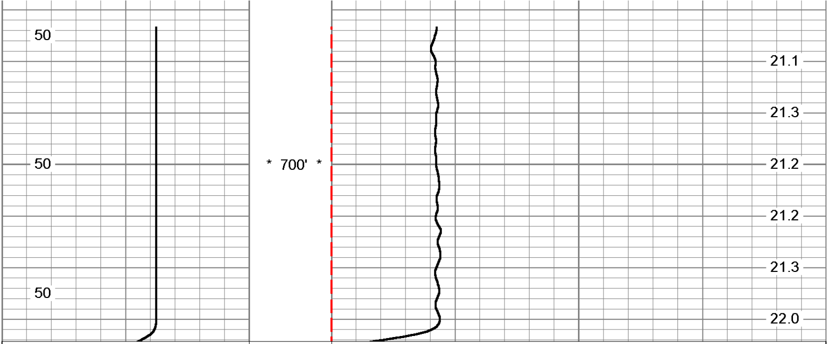
Station #4: 700'

Database File: cc-l1043.db
Dataset Pathname: run4/pass21
Presentation Format: FLOW
Dataset Creation: Thu May 14 15:53:06 2009 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

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

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



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

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

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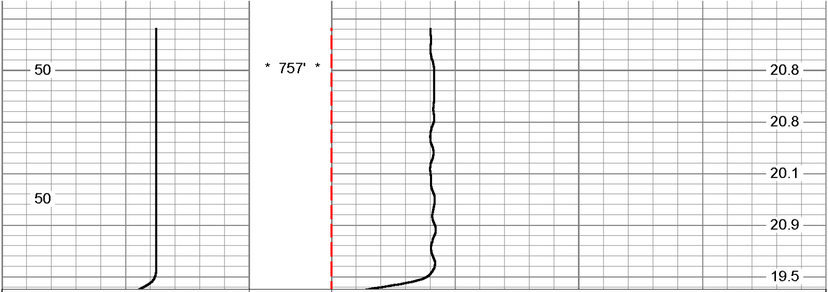
Station #3: 757'

Database File: cc-l1043.db
Dataset Pathname: run4/pass20
Presentation Format: FLOW
Dataset Creation: Thu May 14 15:49:55 2009 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

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

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



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

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

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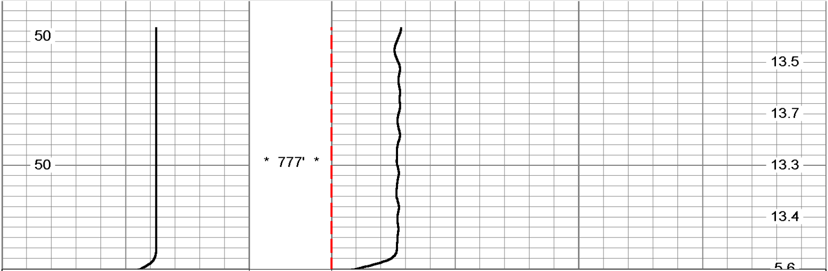
Station #2: 777'

Database File: cc-l1043.db
Dataset Pathname: run4/pass19
Presentation Format: FLOW
Dataset Creation: Thu May 14 15:48:21 2009 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

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

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



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

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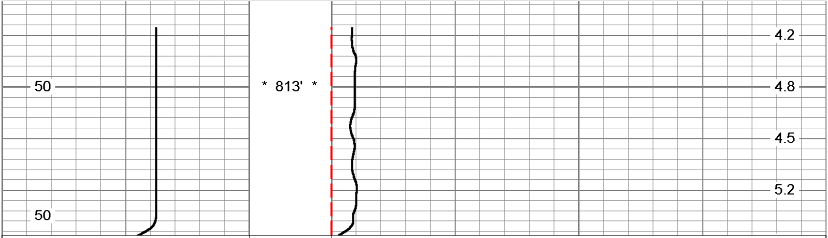
Station #1: 813'

Database File: cc-l1043.db
Dataset Pathname: run4/pass18
Presentation Format: FLOW
Dataset Creation: Thu May 14 15:46:09 2009 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



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

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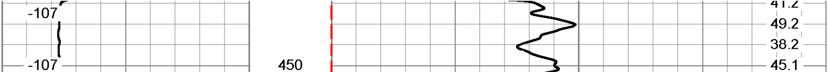
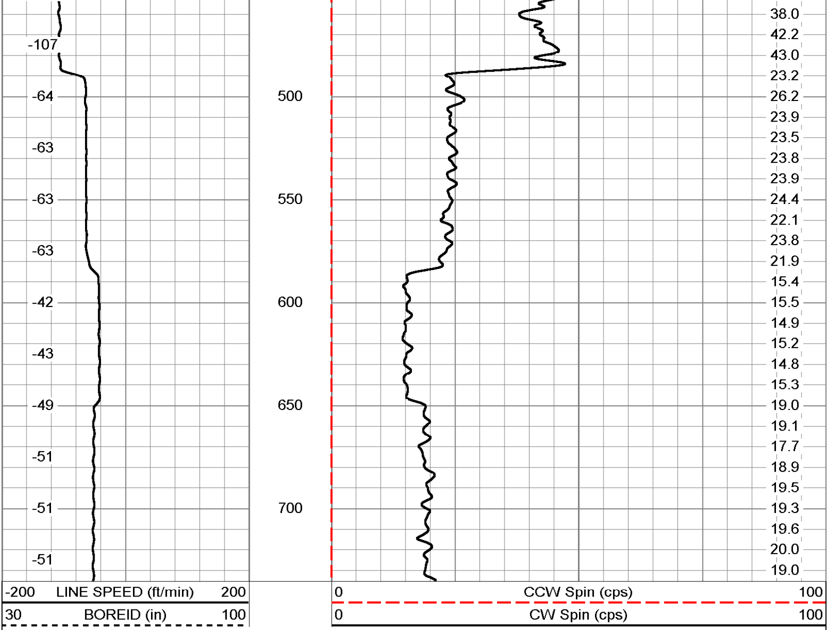
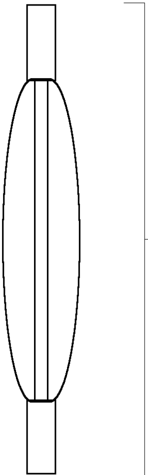
Q Calibration Down

Database File: cc-l1043.db
Dataset Pathname: run4/pass15
Presentation Format: FLOW
Dataset Creation: Thu May 14 14:20:48 2009 by Log VER_5.3
Charted by: Depth in Feet scaled 1:600

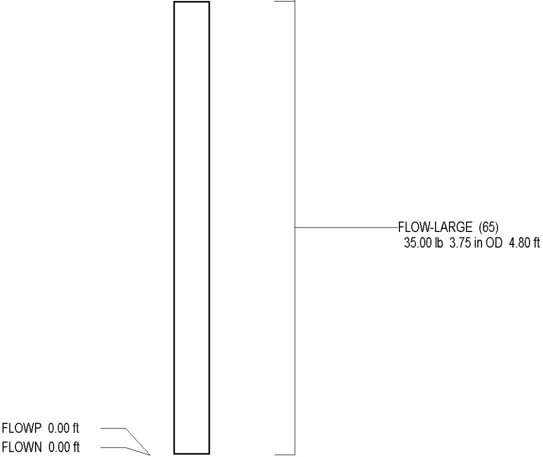
-200	LINE SPEED (ft/min)	200	0	CCW Spin (cps)	100
30	BOREID (in)	100	0	CW Spin (cps)	100







CENT-5FOOTSB (5FTSB)
50.00 lb 1.69 in OD 5.00 ft



Dataset: run4/pass15
Total Length: 9.80 ft
Total Weight: 85.00 lb
O.D. 3.75 in