MV Geophysical

FLOWMETER LOG

Company Diversified Drilling Corp.
Well SWROW TP-228
Field Cape Coral
County Lee
State/Prv Florida

Company	Diversified Drilling Corporation
Well	SWROW TP-228
Field	Cape Coral
County	Lee
State/Prv	Florida

Location
SW corner of Chiquita & SW 25th Lane
Cape Coral Water Utilities Department
MWH

Other Services
XY
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	28-NOV-2005		
Run Number	FOUR		
Depth Driller	713'		
Depth Logger	716'		
Bottom Logged Interval	716'		
Top Log Interval	395'		
Open Hole Size	11"		
Type Fluid	H2O		
Density / Viscosity	NA/NA		
Max. Recorded Temp.	na		
Estimated Cement Top	NA		
Time Well Ready	08:30 11/28/2005		
Time Logger on Bottom	10:00 11/28/2005		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller		S.Randazzo (MWH)
Witnessed By	G.Young (MWH)	D.James (MWH)	Rossco (DDC)

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	7.875"	64'	495'				
TWO	18.75"	64'	465'				
THREE	11"	460'	713'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	20"	.375" WT	SURFACE	64'
Prot. String	12" FRP	12" ID	SURFACE	460'
Production String				
Liner				
Invoice No.	2005227	P.O. #:	Job No.:	* 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 47 fpm.

STATIC UP FLOW DETECTED AND CONFIRMED.

9 station performed (3 STATIC).

Q =~900 gpm

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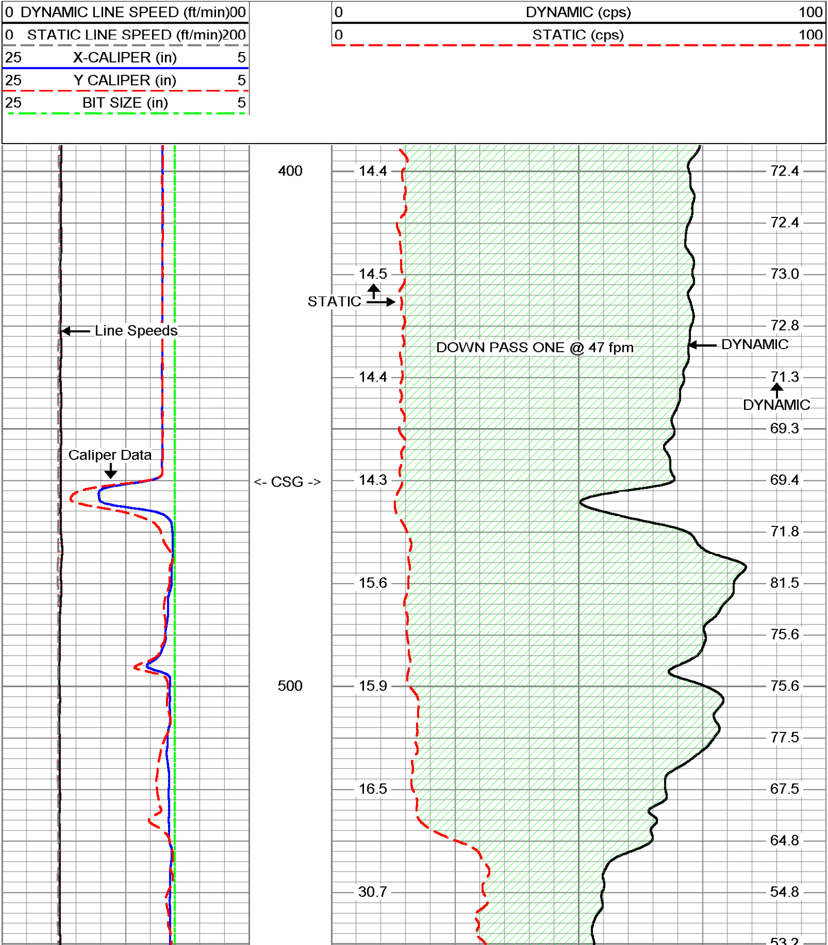
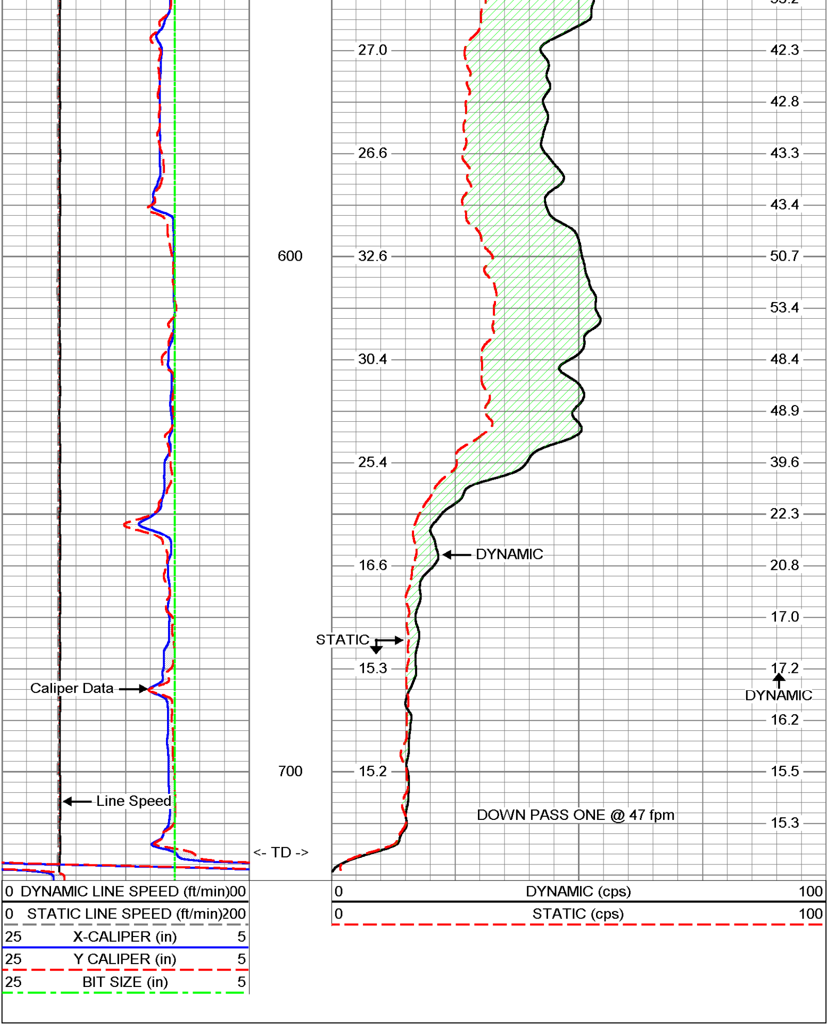
S/D DOWN @ 47 fpm

Database File:	ccro228.db
Dataset Pathname:	run4/SD50
Presentation Format:	QCC
Dataset Creation:	Mon Nov 28 12:02:57 2005
Charted by:	Depth in Feet scaled 1:240





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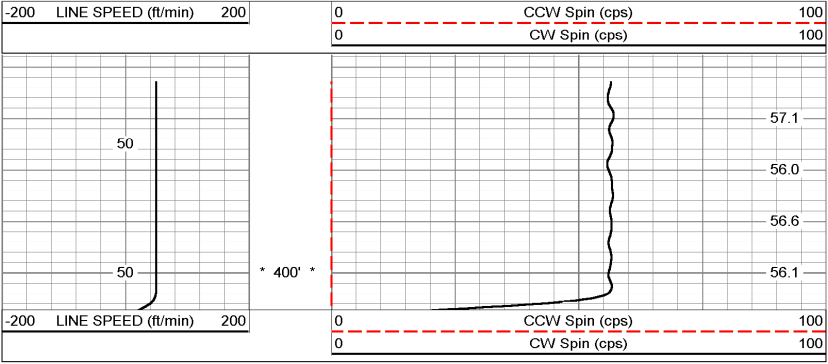
Station 10: 400'

Database File: ccro228.db
Dataset Pathname: run4/pass15
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 11:52:30 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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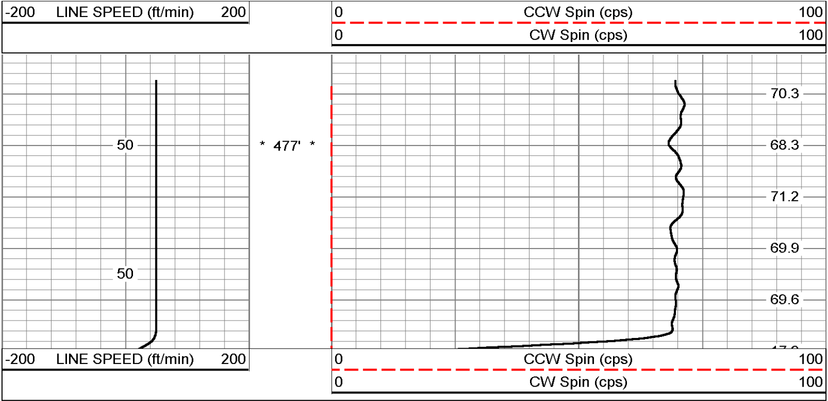
Station 9: 477'

Database File: ccro228.db
Dataset Pathname: run4/pass14
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 11:49:50 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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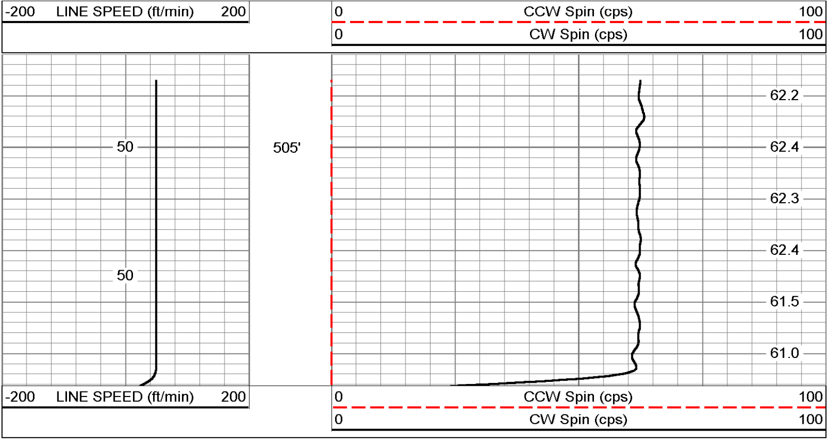
Station 8: 505'

Database File: ccro228.db
Dataset Pathname: run4/pass13
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 11:46:40 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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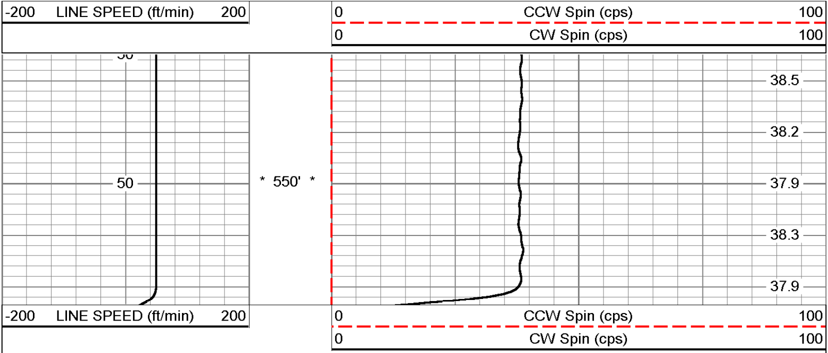
Station 7: 550'

Database File: ccro228.db
Dataset Pathname: run4/pass12
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 11:44:06 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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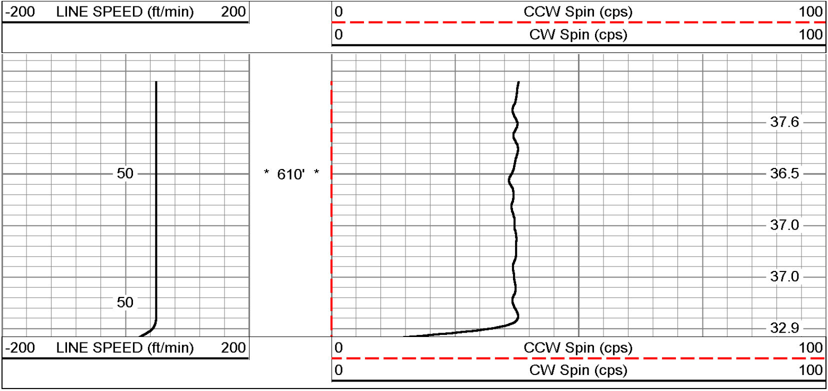
Station 6: 610'

Database File:	ccro228.db
Dataset Pathname:	run4/pass11
Presentation Format:	FLOW
Dataset Creation:	Mon Nov 28 11:41:55 2005 by Log VER_5.3
Charted by:	Depth in Feet scaled 1:240



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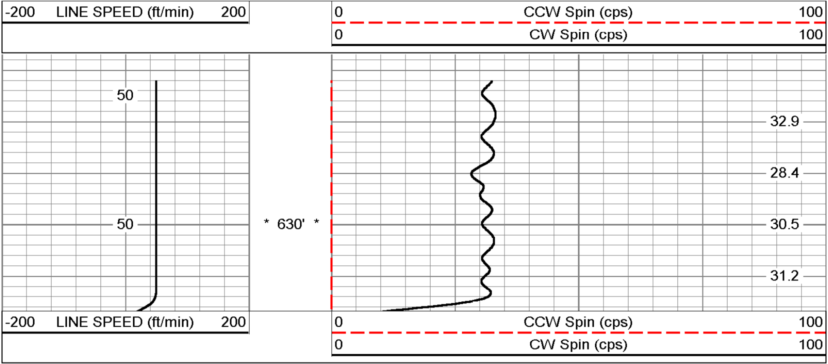
Station 5: 630'

Database File:	ccro228.db
Dataset Pathname:	run4/pass10
Presentation Format:	FLOW
Dataset Creation:	Mon Nov 28 11:40:12 2005 by Log VER_5.3
Charted by:	Depth in Feet scaled 1:240



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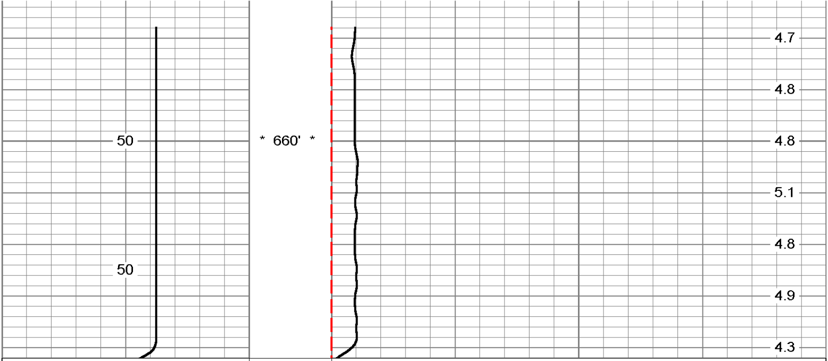
Station 4: 660'

Database File: ccro228.db
Dataset Pathname: run4/pass9
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 11:37:41 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

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



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

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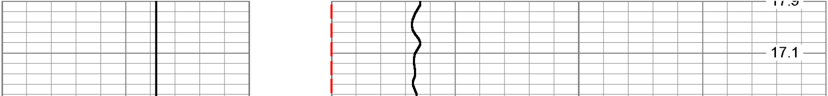
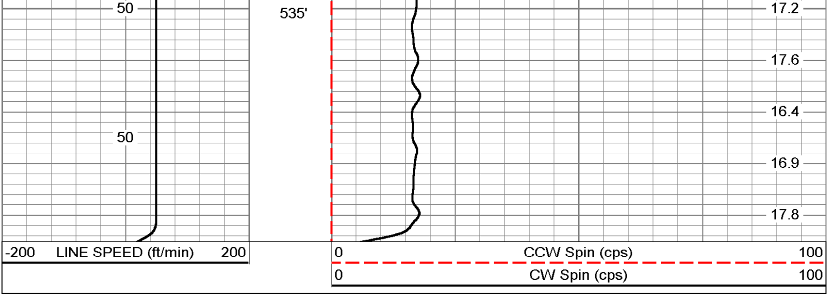
Station 3s: 535'

Database File: ccro228.db
Dataset Pathname: run4/pass7
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 10:50:12 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240

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





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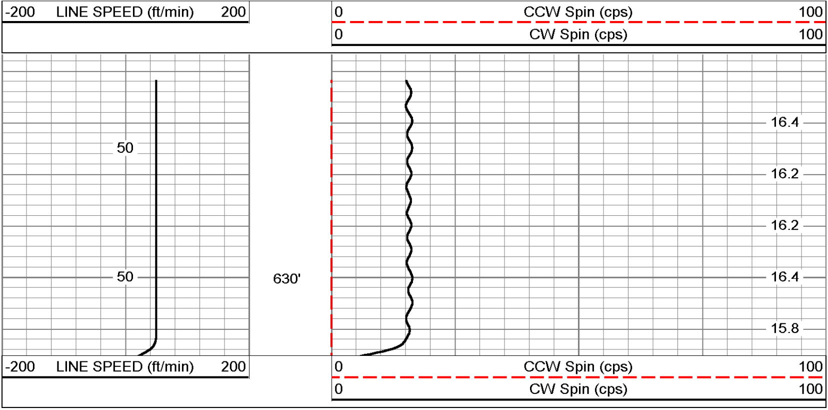
Station 2s: 630'

Database File: ccro228.db
Dataset Pathname: run4/pass6
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 10:46:46 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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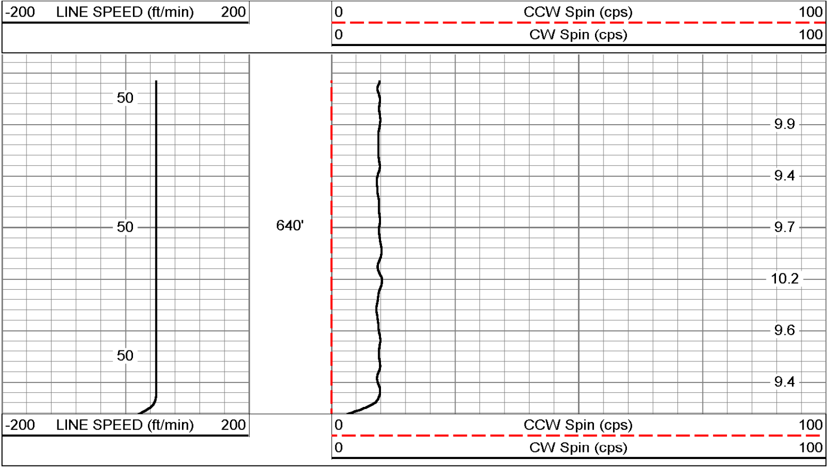
Station 1s: 640'

Database File: ccro228.db
Dataset Pathname: run4/pass5
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 10:44:19 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:240



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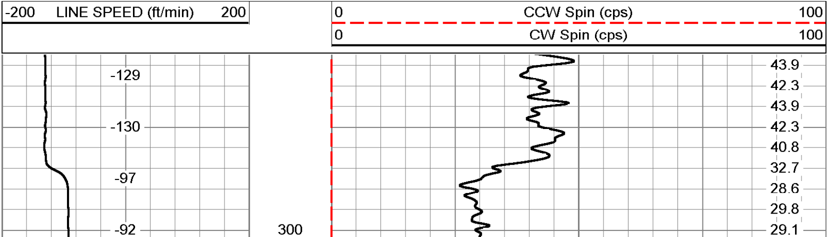
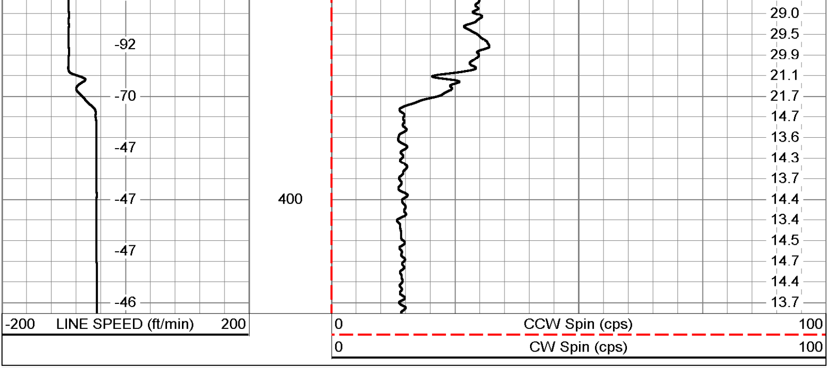
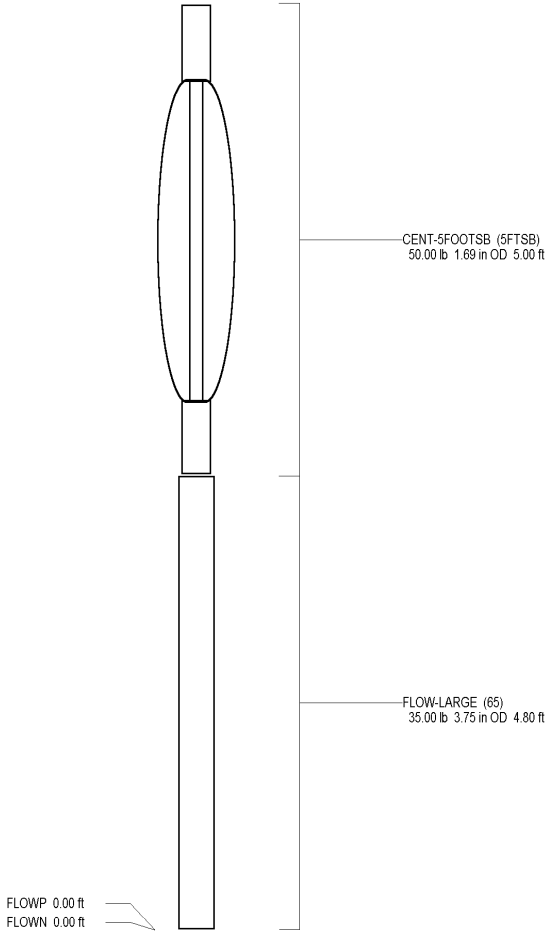
Q Calibration Down

Database File: ccro228.db
Dataset Pathname: run4/pass4
Presentation Format: FLOW
Dataset Creation: Mon Nov 28 10:30:08 2005 by Log VER_5.3
Charted by: Depth in Feet scaled 1:600







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