



DRILL STEM TEST REPORT

Prepared For: **Sam Gary**

1515 Wynkoop St
Suite 700
Denver, CO 80202

ATTN: Clayton Camozzi

8-16s-16w/Rush

Dome Living Trust #1-8

Start Date: 2010.06.09 @ 14:00:42

End Date: 2010.06.09 @ 21:18:12

Job Ticket #: 38674 DST #: 4

Trilobite Testing, Inc
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 Test Start: 2010.06.09 @ 14:00:42

GENERAL INFORMATION:

Formation: **LKC "K-L"**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 15:32:12
 Time Test Ended: 21:18:12
Interval: 3386.00 ft (KB) To 3418.00 ft (KB) (TVD)
 Total Depth: 3418.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Tyson Flax
 Unit No: 44
 Reference Elevations: 1940.00 ft (KB)
 1930.00 ft (CF)
 KB to GR/CF: 10.00 ft

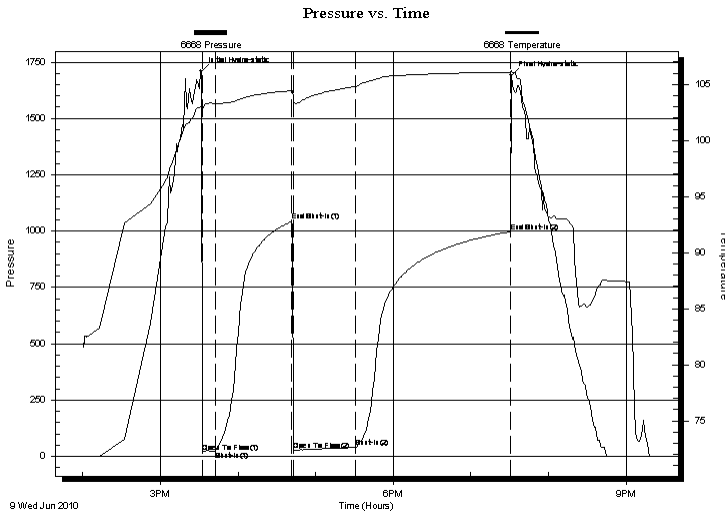
Serial #: 6668

Inside

Press @ Run Depth: 39.37 psig @ 3390.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.06.09 End Date: 2010.06.09 Last Calib.: 2010.06.09
 Start Time: 14:00:43 End Time: 21:18:12 Time On Btm: 2010.06.09 @ 15:31:42
 Time Off Btm: 2010.06.09 @ 19:31:12

TEST COMMENT: IFP-Weak blow built to 9"
 ISI-Weak surface blow back died in 8 min
 FFP-BOB in 45 sec
 FSI-Weak surface blow back built to 1/2" died in 33 min

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.74	103.00	Initial Hydro-static
1	19.28	102.64	Open To Flow (1)
11	23.28	103.31	Shut-In(1)
70	1043.39	104.43	End Shut-In(1)
71	27.59	103.93	Open To Flow (2)
119	39.37	104.81	Shut-In(2)
239	997.05	106.08	End Shut-In(2)
240	1692.08	106.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GCO 20%G,80%	0.85
50.00	OCM 20%O,80%M	0.71
1.00	CO	0.01
0.00	730' GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 3385.00 ft	Diameter: 3.82 inches	Volume: 47.98 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 47.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3386.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3359.00	
Shut In Tool	5.00			3364.00	
Hydraulic tool	5.00			3369.00	
Jars	5.00			3374.00	
Safety Joint	2.00			3376.00	
Packer	5.00			3381.00	28.00 Bottom Of Top Packer
Packer	5.00			3386.00	
Stubb	1.00			3387.00	
Perforations	3.00			3390.00	
Recorder	0.00	6668	Inside	3390.00	
Recorder	0.00	6669	Outside	3390.00	
Perforations	25.00			3415.00	
Bullnose	3.00			3418.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



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FLUID SUMMARY

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Mud and Cushion Information

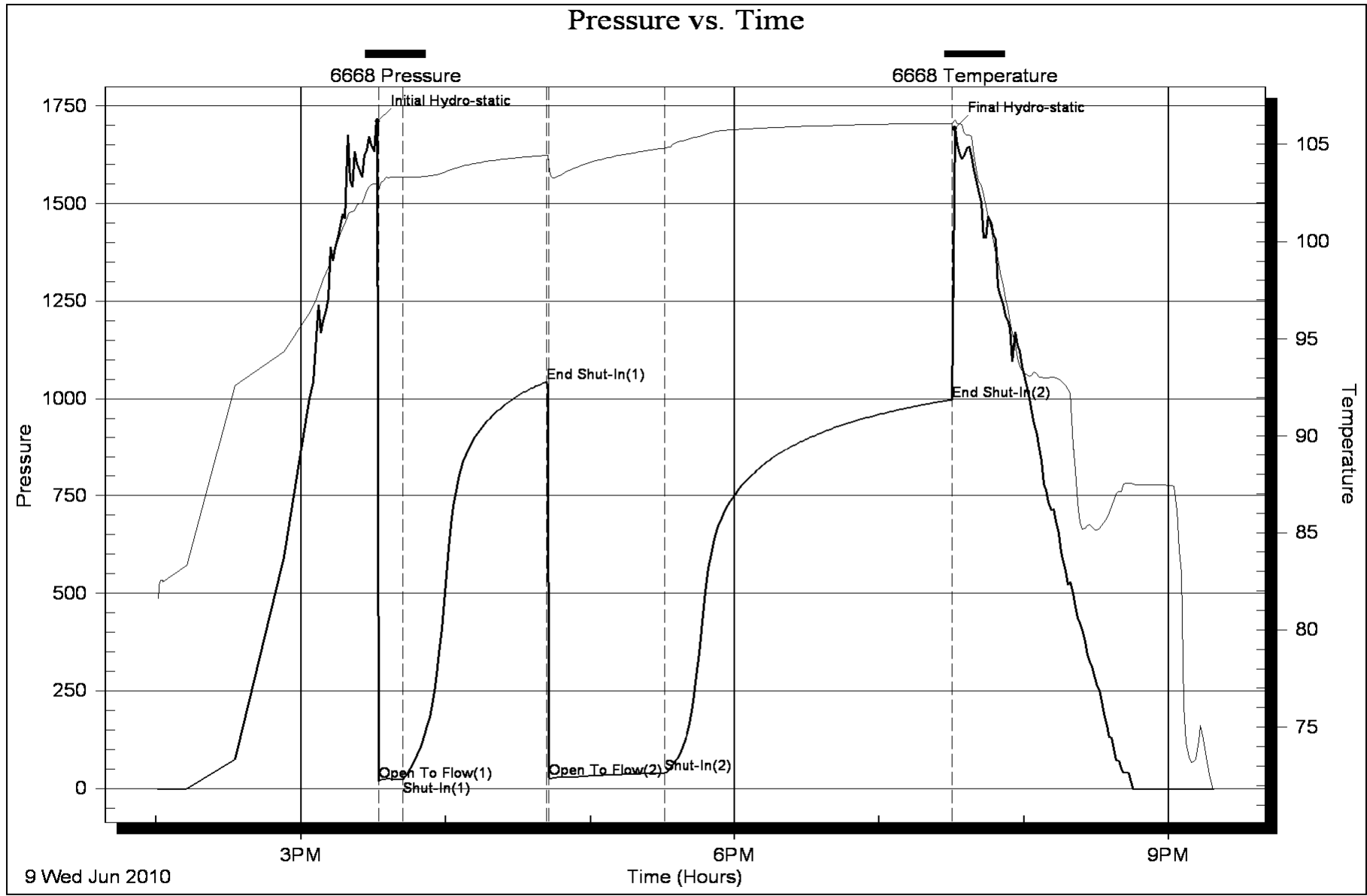
Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.38 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4500.00 ppm		
Filter Cake: inches		

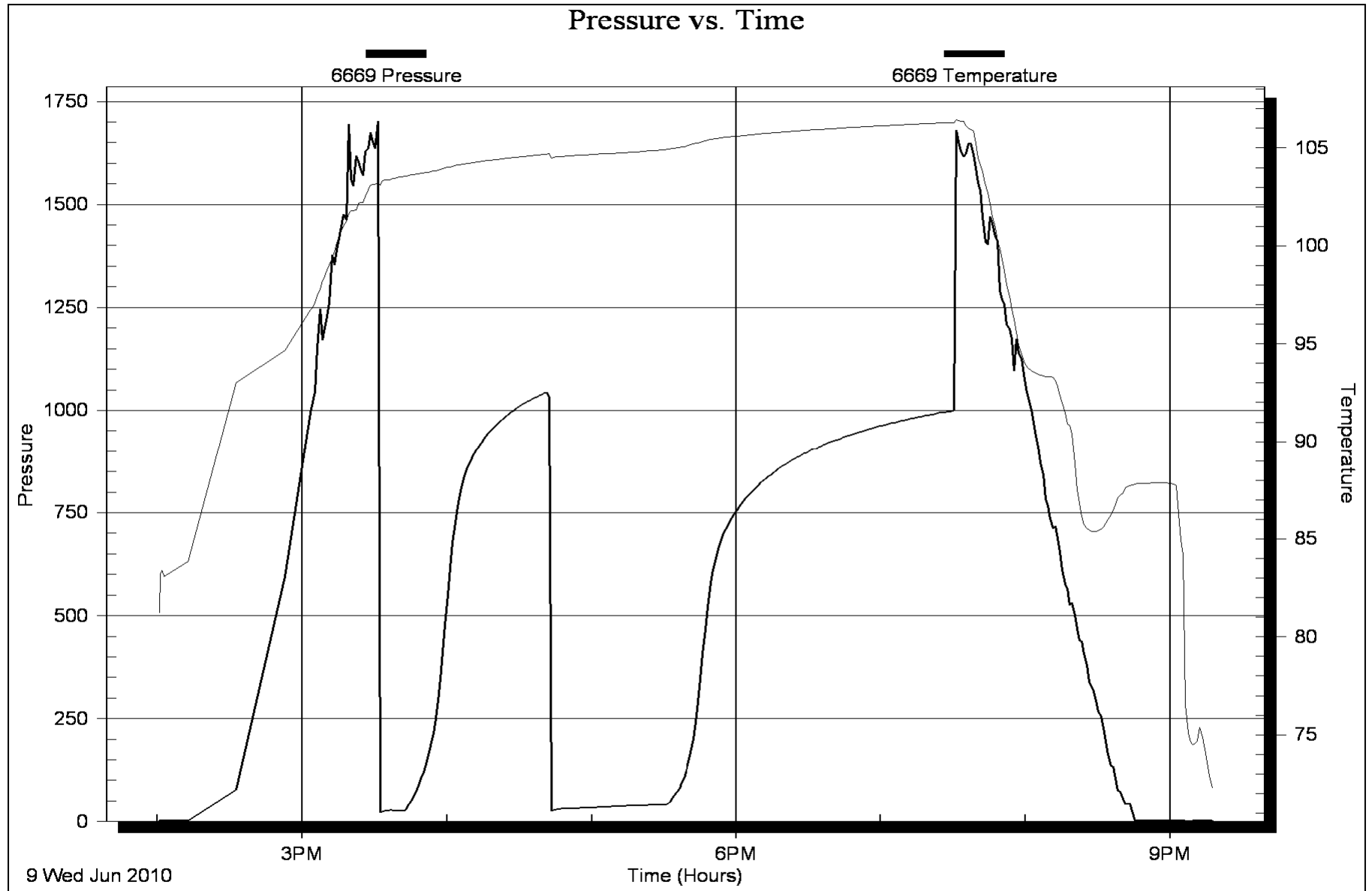
Recovery Information

Recovery Table

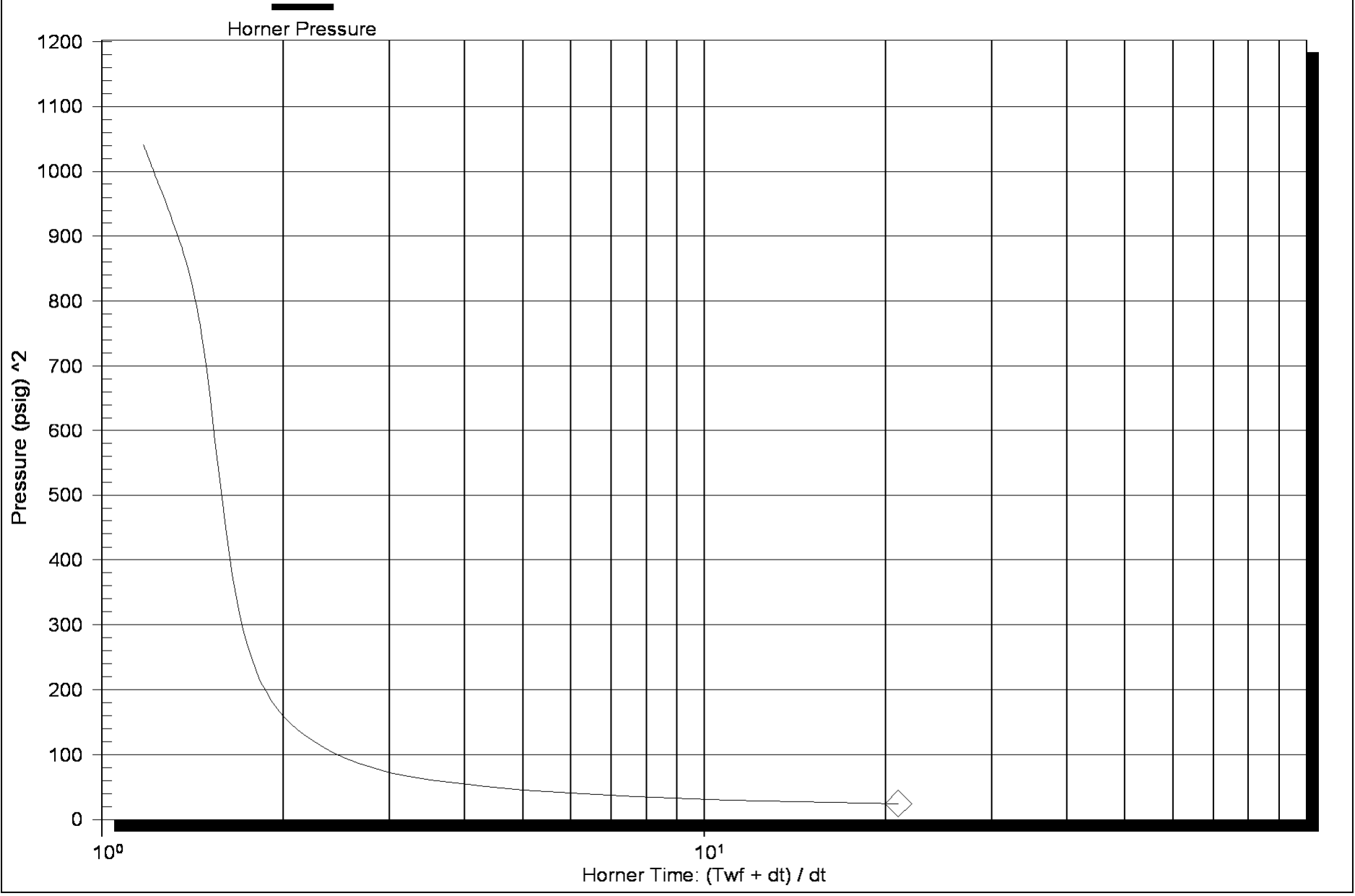
Length ft	Description	Volume bbl
60.00	GCO 20%G,80%	0.851
50.00	OCM 20%O,80%M	0.709
1.00	CO	0.014
0.00	730' GIP	0.000

Total Length: 111.00 ft Total Volume: 1.574 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

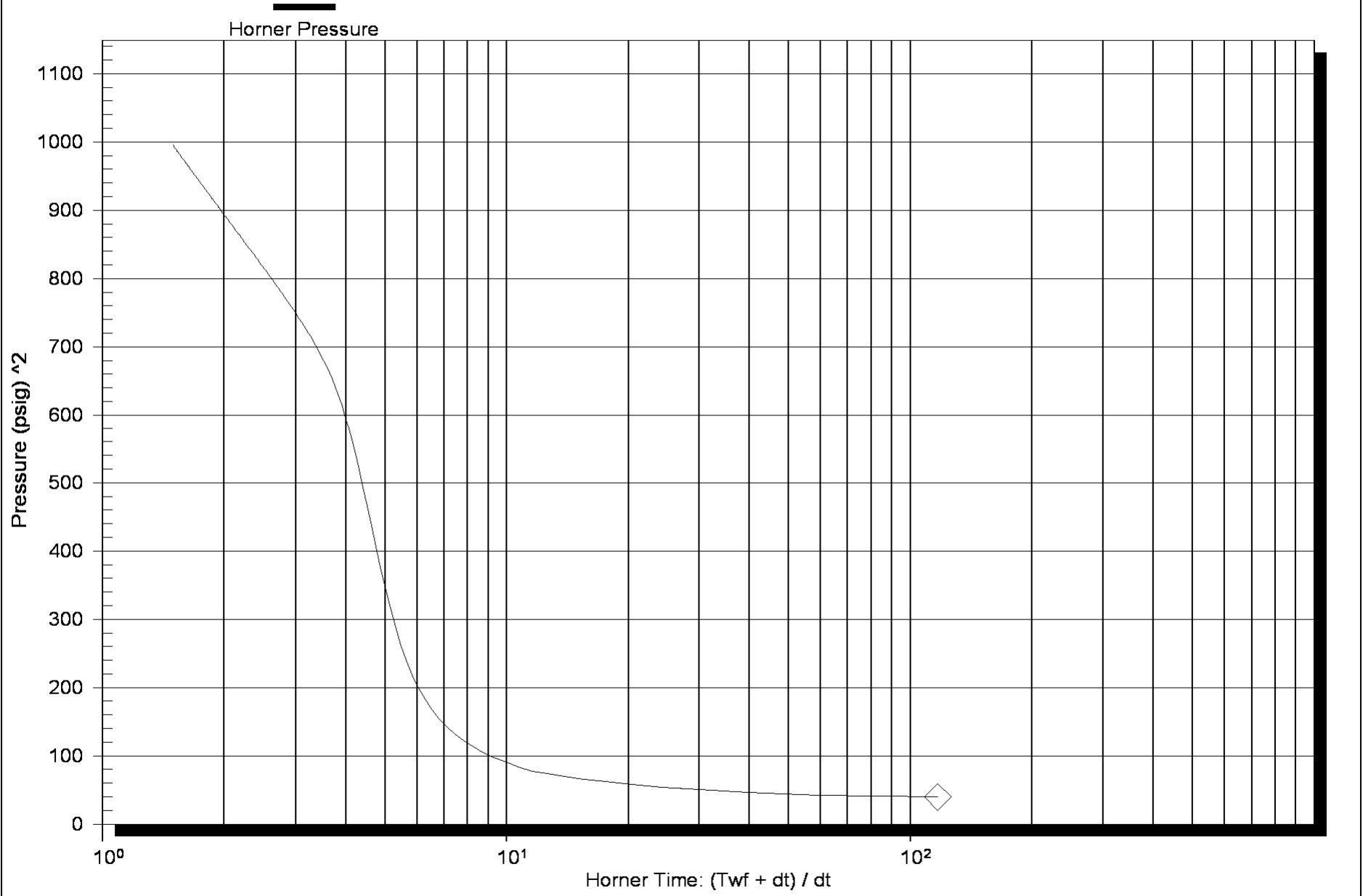




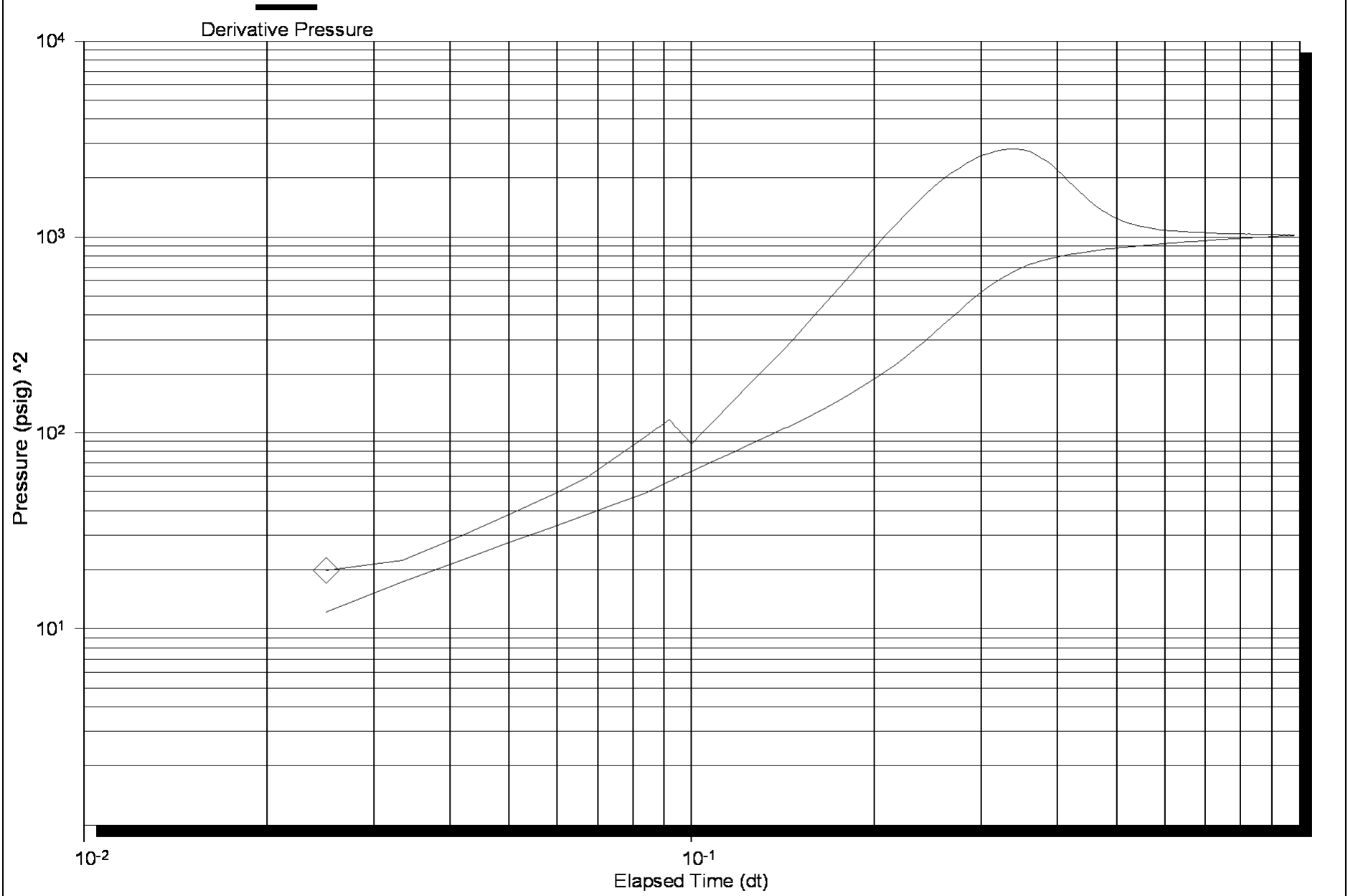
Horner Plot



Horner Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative

