



DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr & Associates**

1515 Wynkoop St
Suite 700 Denver Co 80202

ATTN:

Tuzicka-Dewald 1-34

34-16s-16w-Rush

Start Date: 2011.11.14 @ 21:38:53

End Date: 2011.11.15 @ 05:21:23

Job Ticket #: 44874 DST #: 1

Trilobite Testing, Inc
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr & Associates

34-16s-16w-Rush

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Suite 700 Denver Co 80202

Tuzicka-Dewald 1-34

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DST#: 1

ATTN:

Test Start: 2011.11.14 @ 21:38:53

Tool Information

Drill Pipe:	Length: 3220.00 ft	Diameter: 3.80 inches	Volume: 45.17 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3266.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	78.00 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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Recorder	0.00	8679	Fluid	3231.00	
Stubb	5.00			3236.00	
Shut In Tool	5.00			3241.00	
Sampler	3.00			3244.00	
Hydraulic tool	5.00			3249.00	
Jars	5.00			3254.00	
Safety Joint	3.00			3257.00	
Packer	4.00			3261.00	35.00 Bottom Of Top Packer
Packer	5.00			3266.00	
Stubb	1.00			3267.00	
Perforations	2.00			3269.00	
Change Over Sub	1.00			3270.00	
Recorder	0.00	8321	Inside	3270.00	
Recorder	0.00	8737	Outside	3270.00	
Drill Pipe	31.00			3301.00	
Change Over Sub	1.00			3302.00	
Perforations	4.00			3306.00	
Bullnose	3.00			3309.00	43.00 Bottom Packers & Anchor

Total Tool Length: 78.00



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FLUID SUMMARY

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Tuzicka-Dewald 1-34

Job Ticket: 44874

DST#: 1

ATTN:

Test Start: 2011.11.14 @ 21:38:53

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
126.00	Mw with oil spots	1.503
62.00	VSOCGWM 3%O7%G30%W60%M	0.870
5.00	VSOCWM 3%O2%W95%M	0.070
0.00	124 GIP	0.000

Total Length: 193.00 ft Total Volume: 2.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

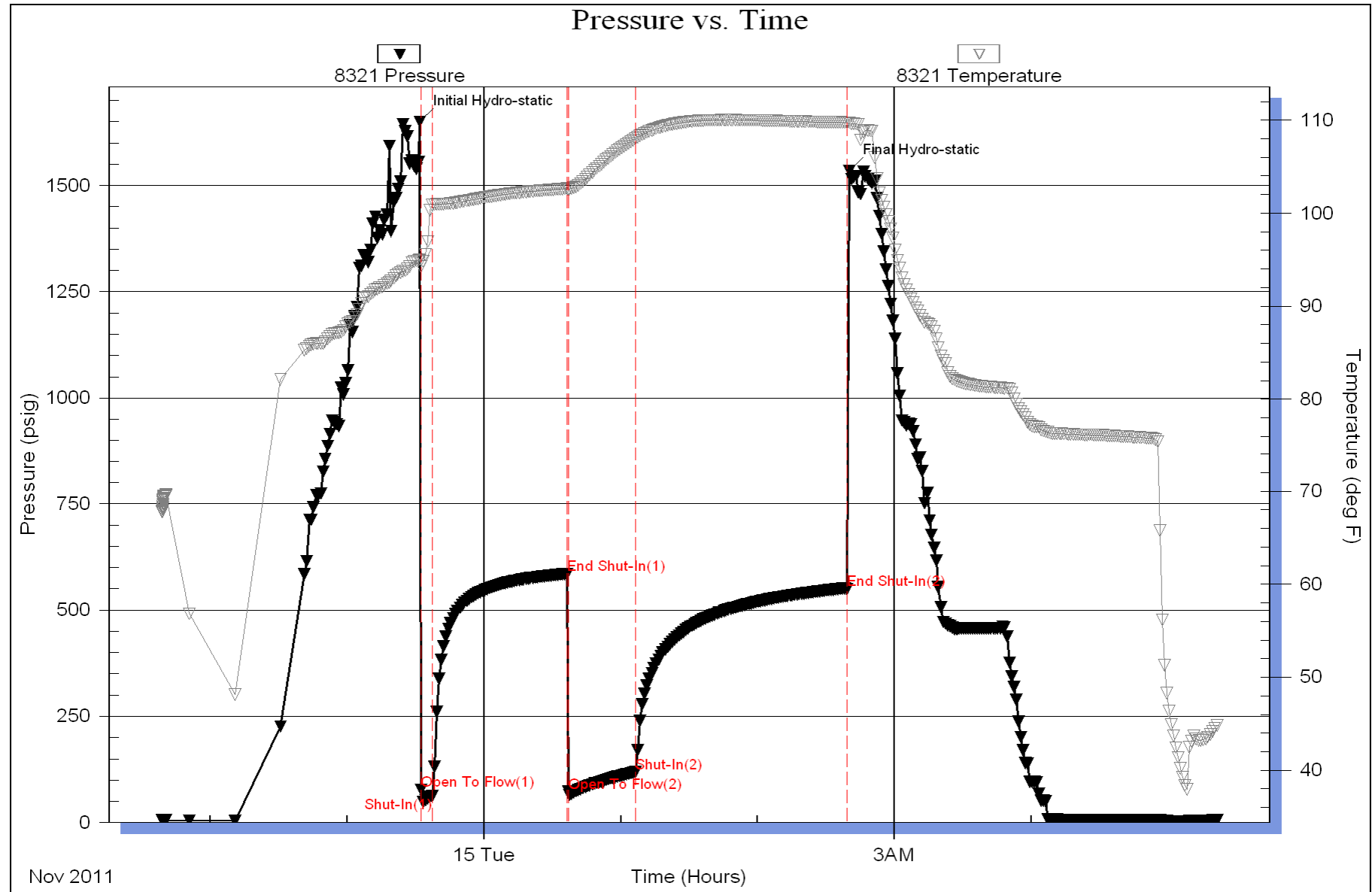
Serial #:

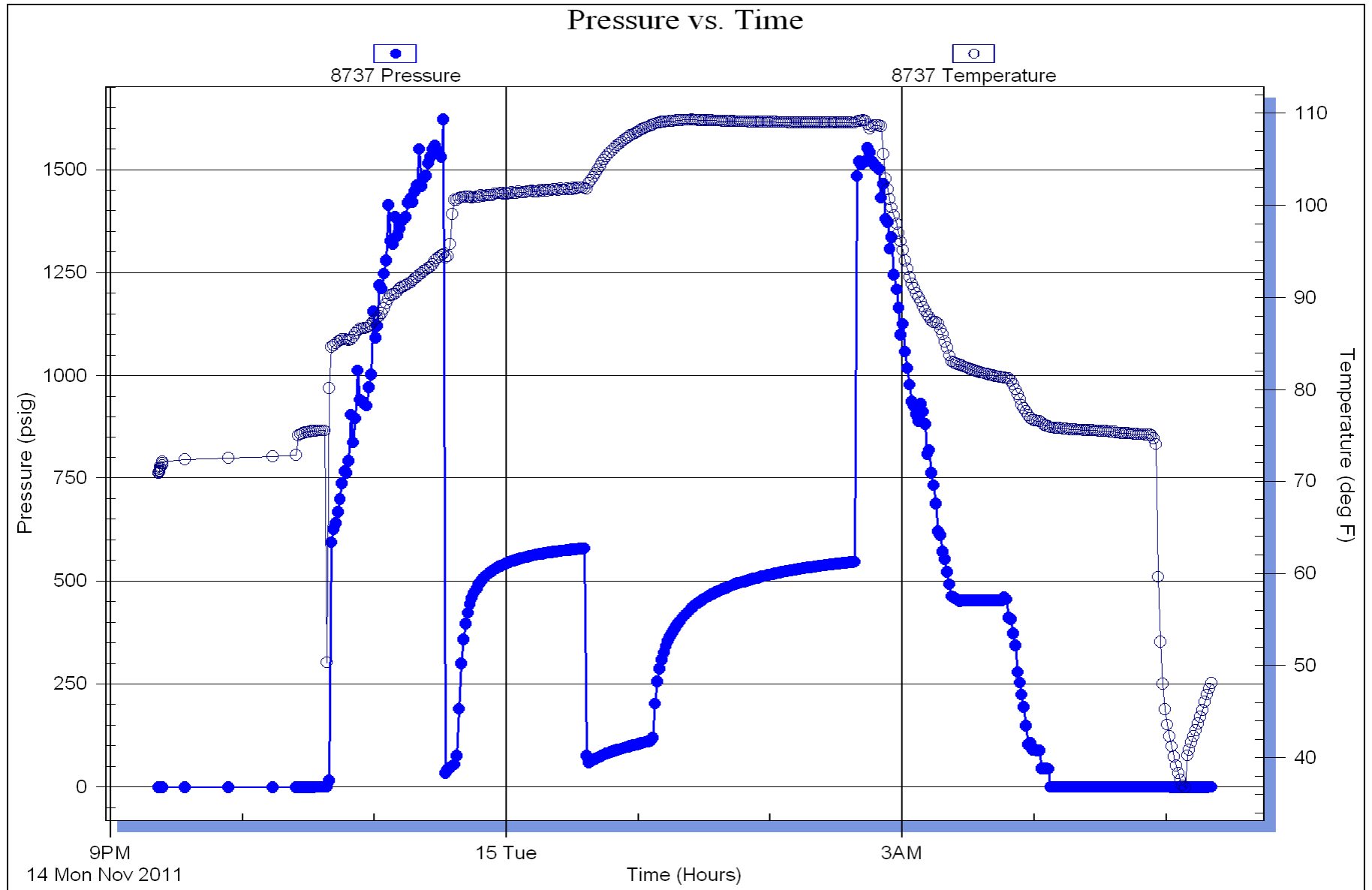
Laboratory Name:

Laboratory Location:

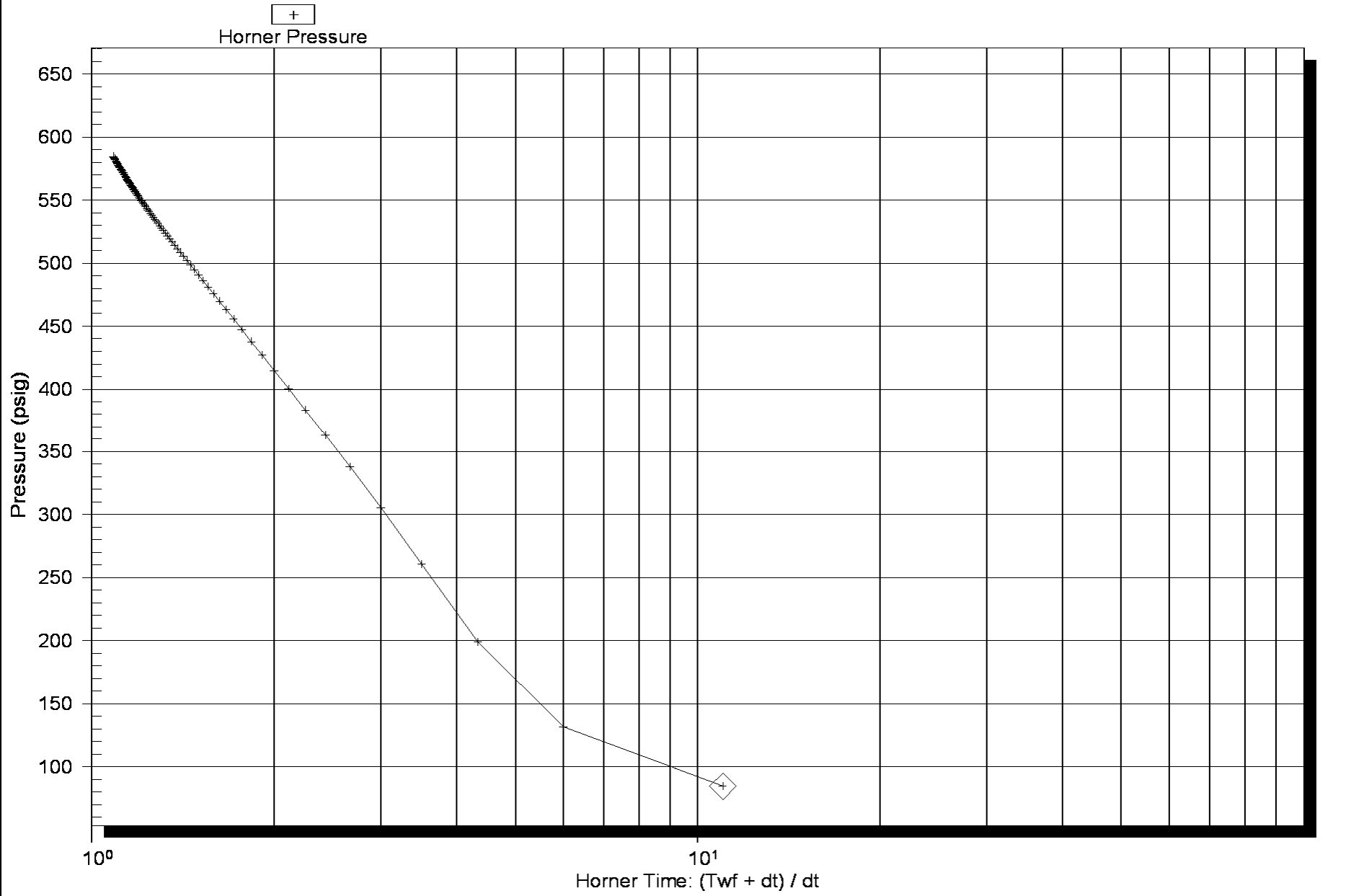
Recovery Comments: 4000 MI of Fluid 220 PSI

100 MI of oil scum 3900 MI of water





Horner Plot



Horner Plot



Serial Number: 8321 (Inside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative

