



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources L.L.C**

2117 anal Blvd Hays KS 676601

ATTN: Jeremy Schwartz

Hickey 1-2

2-18-14w Barton

Start Date: 2014.07.02 @ 19:43:00

End Date: 2014.07.03 @ 00:53:00

Job Ticket #: 18594 DST #: 3

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2014.07.03 @ 02:05:22



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources L.L.C
 2117 anal Blvd Hays KS 676601
 ATTN: Jeremy Schwartz

2-18-14w Barton
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 Test Start: 2014.07.02 @ 19:43:00

Tool Information

Drill Pipe:	Length: 3096.00 ft	Diameter: 3.80 inches	Volume: 43.43 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 44.46 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	3332.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3309.00	
Hydraulic tool	5.00			3314.00	
Jars	6.00			3320.00	
Safety Joint	2.00			3322.00	
Top Packer	5.00			3327.00	
Packer	5.00			3332.00	28.00 Bottom Of Top Packer
Anchor	13.00			3345.00	
Recorder	1.00	8159	Inside	3346.00	
Recorder	1.00	8524	Outside	3347.00	
Bull Plug	3.00			3350.00	18.00 Anchor Tool
Total Tool Length:	46.00				



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FLUID SUMMARY

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Mud and Cushion Information

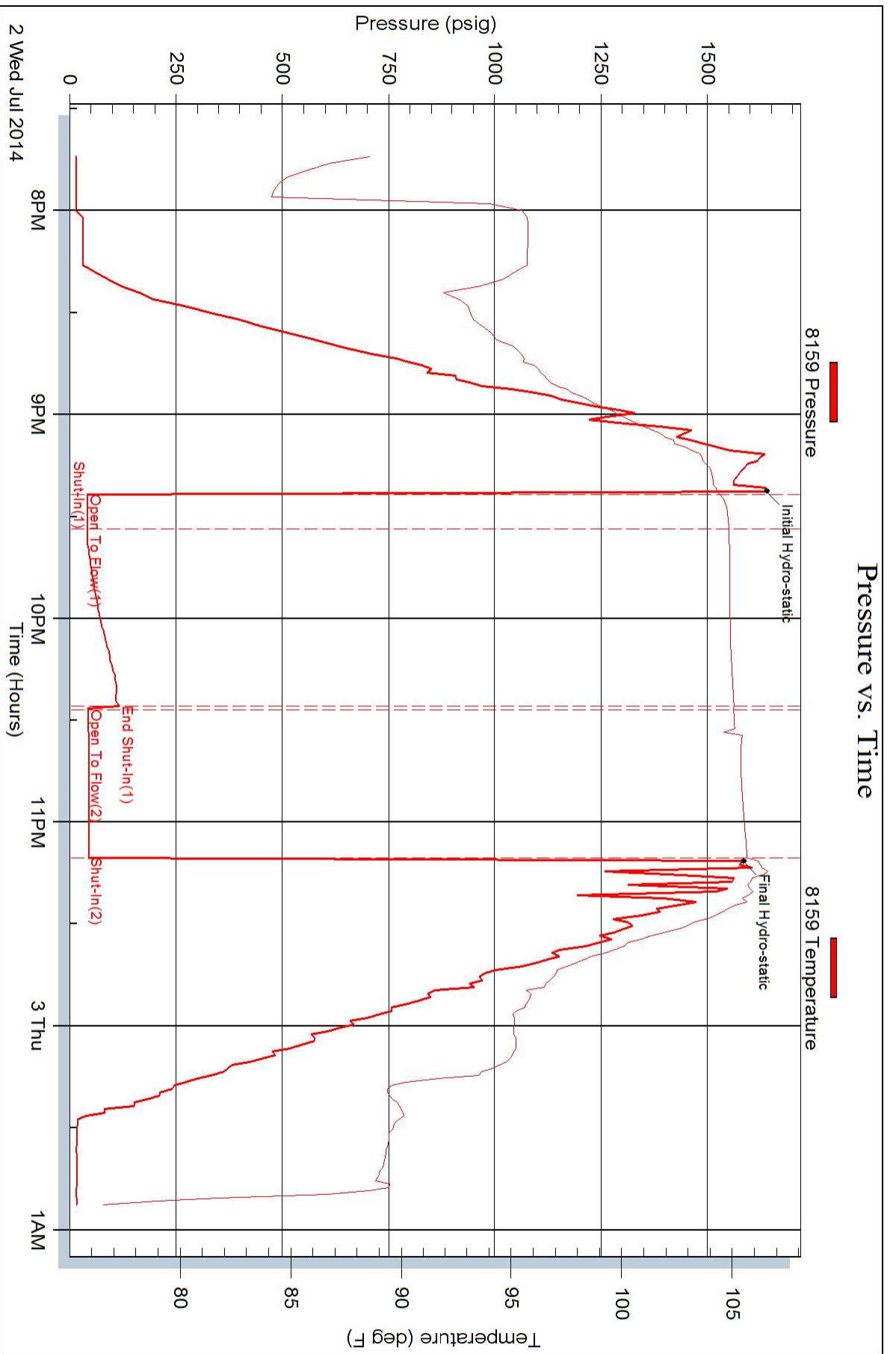
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	spot oil cut mud 1%oil99%mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: ruined packer



Pressure vs. Time

