



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Boulevard
Suite C
Hays, Kansas 67601

ATTN: Jeremy Schwartz

Nancy #1-17

17/17S/13W/Barton

Start Date: 2013.08.20 @ 08:28:00

End Date: 2013.08.20 @ 16:39:00

Job Ticket #: 17607 DST #: 2

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

Printed: 2013.08.20 @ 16:53:54



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TOOL DIAGRAM

Shelby Resources LLC
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Tool Information

Drill Pipe:	Length: 2934.00 ft	Diameter: 3.80 inches	Volume: 41.16 bbl	Tool Weight: 2000.00 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: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 84000.00 lb
			<u>Total Volume: 42.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	3287.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 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			3265.00	
Hydraulic Tool	5.00			3270.00	
Jars	5.00			3275.00	
Safety Joint	2.00			3277.00	
Packer	5.00			3282.00	27.00 Bottom Of Top Packer
Packer	5.00			3287.00	
Anchor	20.00			3307.00	
Recorder	1.00	6749	Inside	3308.00	
Recorder	1.00	6838	Outside	3309.00	
Bullnose	3.00			3312.00	25.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



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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: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5700.00 ppm			
Filter Cake: 1.00 inches			

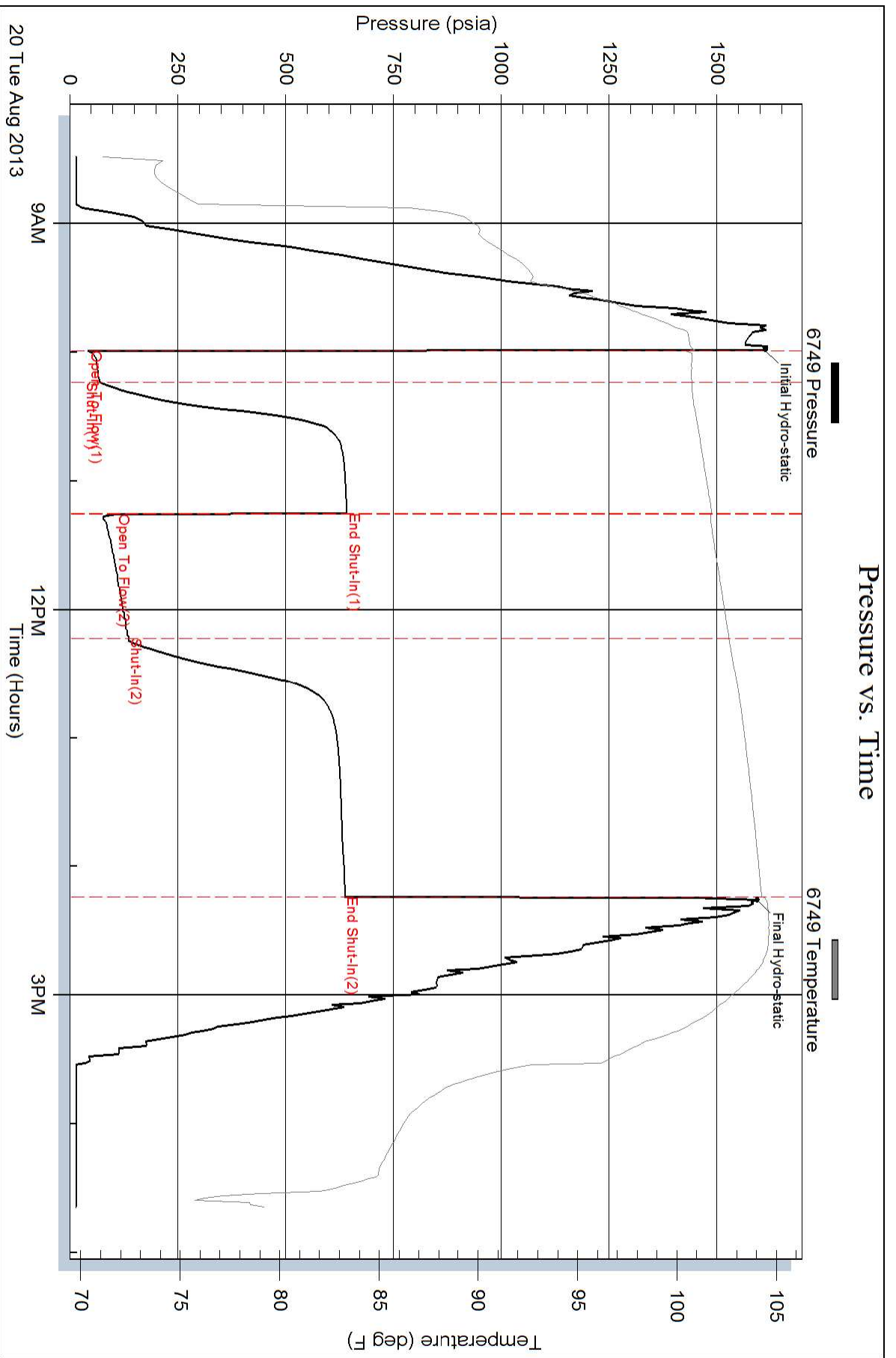
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	Gassy Muddy Oil	0.620
0.00	Gas 20% Mud 40% Oil 40%	0.000
156.00	Clean gassy Oil	0.767
0.00	Gas 30% Oil 70%	0.000
0.00	Corrected Gavity Oil 38	0.000
0.00	1039 Feet of gas in pipe	0.000

Total Length: 282.00 ft Total Volume: 1.387 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



Pressure vs. Time

