



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Charlie Sturdavant

Penny 1-16

16-19s-12w-Barton

Start Date: 2012.10.05 @ 09:00:00

End Date: 2012.10.05 @ 16:14:00

Job Ticket #: 17853 DST #: 4

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

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DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources
 2717 Canal Blvd. Hays Kansas 67601
 ATTN: Charlie Sturdavant

16-19s-12w-Barton
Penny 1-16
 Job Ticket: 17853 **DST#: 4**
 Test Start: 2012.10.05 @ 09:00:00

Tool Information

Drill Pipe:	Length: 3219.00 ft	Diameter: 3.80 inches	Volume: 45.15 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: 216.25 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 46.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.25 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3454.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 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			3431.00	
Hydraulic Tool	5.00			3436.00	
Jars	6.00			3442.00	
Safety Joint	2.00			3444.00	
Packer	5.00			3449.00	28.00 Bottom Of Top Packer
Packer	5.00			3454.00	
Anchor	6.00			3460.00	
Recorder	1.00	6663	Inside	3461.00	
Recorder	1.00	8400	Outside	3462.00	
Bull Plug	3.00			3465.00	11.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



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FLUID SUMMARY

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Mud and Cushion Information

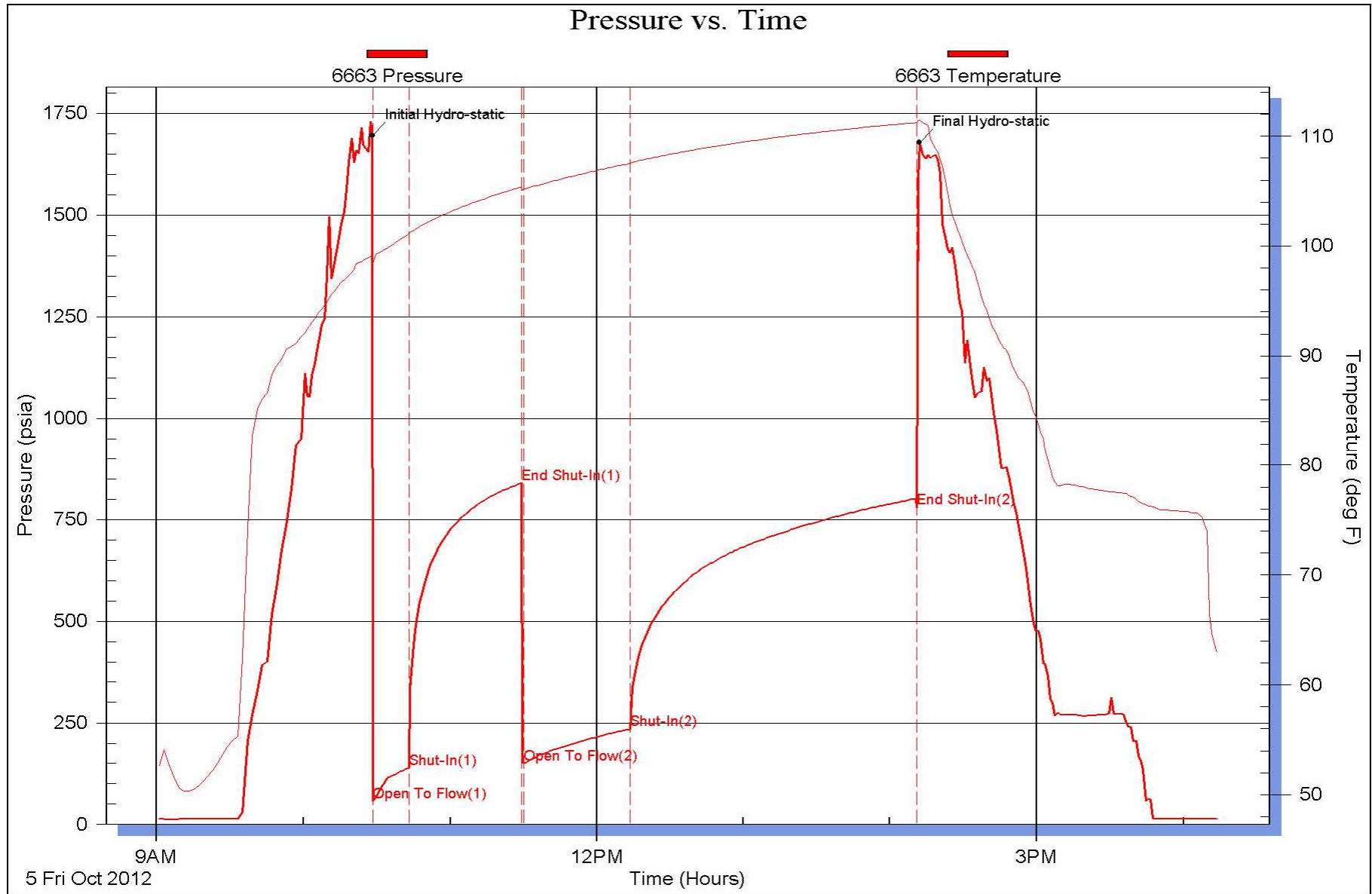
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
392.00	Free oil 1005	3.529
124.00	Oil cut mud Oil 90% Mud 10%	1.739
0.00	Gravity of oil 36 corrected	0.000

Total Length: 516.00 ft Total Volume: 5.268 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



Pressure vs. Time

