



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Keith Reavis

Prosser 1-36

36-21s-16w-Pawnee

Start Date: 2012.11.23 @ 03:45:00

End Date: 2012.11.23 @ 10:16:00

Job Ticket #: 17871 DST #: 2

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: Keith Reavis

36-21s-16w-Pawnee
Prosser 1-36
 Job Ticket: 17871 **DST#: 2**
 Test Start: 2012.11.23 @ 03:45:00

Tool Information

Drill Pipe:	Length: 3663.00 ft	Diameter: 3.80 inches	Volume: 51.38 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: 217.63 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose:	95000.00 lb
			<u>Total Volume: 52.45 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.63 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	3901.00 ft			Final	71000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	42.00 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			3878.00	
Hydraulic Tool	5.00			3883.00	
Jars	6.00			3889.00	
Safety Joint	2.00			3891.00	
Packer	5.00			3896.00	28.00 Bottom Of Top Packer
Packer	5.00			3901.00	
Anchor	9.00			3910.00	
Recorder	1.00	6663	Inside	3911.00	
Recorder	1.00	8400	Outside	3912.00	
Bull Plug	3.00			3915.00	14.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



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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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

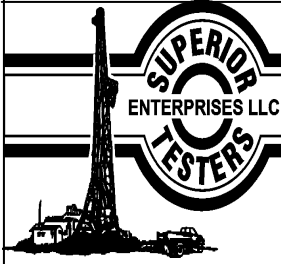
Length ft	Description	Volume bbl
190.00	Gassy oil cut mud	0.934
0.00	Gas 30% Oil 65% Mud 5%	0.000
0.00	Gas to surface in 6 minutes .	0.000

Total Length: 190.00 ft Total Volume: 0.934 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: H2s detector w as flashing. Thats w hy one reading.



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GAS RATES

Shelby Resources
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ATTN: Keith Reavis

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Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	15	1.00	9.40	270.24

Pressure vs. Time

