



## DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Keith Reavis

**S-H unit #1-20**

**20-17s-13w-Barton**

Start Date: 2011.11.17 @ 07:10:00

End Date: 2011.11.17 @ 16:42:30

Job Ticket #: 17235                      DST #: 2

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

Printed: 2011.11.18 @ 05:08:42







# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Shelby Resources  
 2717 Canal Blvd. Hays Kansas 67601  
 ATTN: Keith Reavis

**20-17s-13w-Barton**  
**S-H unit #1-20**  
 Job Ticket: 17235      **DST#: 2**  
 Test Start: 2011.11.17 @ 07:10:00

**Tool Information**

Drill Pipe:	Length: 3153.00 ft	Diameter: 3.80 inches	Volume: 44.23 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: 258.00 ft	Diameter: 2.25 inches	Volume: 1.27 bbl	Weight to Pull Loose:	51000.00 lb
			<u>Total Volume: 45.50 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	51000.00 lb
Depth to Top Packer:	3433.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	38.00 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			3410.00	
Hydraulic Tool	5.00			3415.00	
Jars	6.00			3421.00	
Safety Joint	2.00			3423.00	
Packer	5.00			3428.00	28.00      Bottom Of Top Packer
Packer	5.00			3433.00	
Perforations	5.00			3438.00	
Recorder	1.00	6806	Inside	3439.00	
Recorder	1.00	6663	Outside	3440.00	
Bull Plug	3.00			3443.00	10.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>38.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shelby Resources  
 2717 Canal Blvd. Hays Kansas 67601  
 ATTN: Keith Reavis

**20-17s-13w-Barton**  
**S-H unit #1-20**  
 Job Ticket: 17235      **DST#: 2**  
 Test Start: 2011.11.17 @ 07:10:00

### 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: 9.60 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 9200.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Clean oil 100%	0.590
60.00	Oil cut mud 50%oil 50%mud	0.295
60.00	Mud cut oil 70%mud 30%oil	0.295
0.00	Gravity of oil 38 corrected	0.000

Total Length: 240.00 ft      Total Volume: 1.180 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time



