



## 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: 2014.07.01 @ 08:00:00

End Date: 2014.07.01 @ 14:39:00

Job Ticket #: 18592                      DST #: 1

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

**2-18-14w Barton**  
**Hickey 1-2**  
 Job Ticket: 18592      **DST#: 1**  
 Test Start: 2014.07.01 @ 08:00:00

## Tool Information

Drill Pipe:	Length: 2900.00 ft	Diameter: 3.80 inches	Volume: 40.68 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: 80000.00 lb
			Total Volume: 41.71 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	3126.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	102.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3103.00	
Hydraulic tool	5.00			3108.00	
Jars	6.00			3114.00	
Safety Joint	2.00			3116.00	
Packer	5.00			3121.00	28.00      Bottom Of Top Packer
Packer	5.00			3126.00	
Anchor	4.00			3130.00	
Change Over Sub	0.75			3130.75	
Drill Pipe	31.50			3162.25	
Change Over Sub	0.75			3163.00	
Anchor	32.00			3195.00	
Recorder	1.00	8159	Inside	3196.00	
Recorder	1.00	8524	Outside	3197.00	
Bulk Plug	3.00			3200.00	74.00      Bottom Packers & Anchor

**Total Tool Length: 102.00**



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## FLUID SUMMARY

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Job Ticket: 18592      **DST#: 1**  
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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:	50.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.20 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	500.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
200.00	water	0.984
0.00	chlorides 30,000	0.000

Total Length: 200.00 ft      Total Volume: 0.984 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

### Pressure vs. Time



