



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd Suite C
Hays Ks, 67601

ATTN: Jeremy Schwartz

Fenwick #1-35

35/21s/16w/Pawnee

Start Date: 2014.02.24 @ 00:00:00

End Date: 2014.02.24 @ 10:44:00

Job Ticket #: 19204 DST #: 2

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

Printed: 2014.02.24 @ 12:01:30



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

35/21s/16w/Pawnee

2717 Canal Blvd Suite C
Hays Ks. 67601

Fenwick #1-35

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Test Start: 2014.02.24 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3442.00 ft	Diameter: 3.80 inches	Volume: 48.28 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: 25000.00 lb
Drill Collar:	Length: 329.61 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 92000.00 lb
			<u>Total Volume: 49.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.61 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	3774.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 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			3751.00	
Hydraulic tool	5.00			3756.00	
Jars	6.00			3762.00	
Safety Joint	2.00			3764.00	
Top Packer	5.00			3769.00	
Packer	5.00			3774.00	28.00 Bottom Of Top Packer
Anchor	40.00			3814.00	
Recorder	1.00	6806	Inside	3815.00	
Recorder	1.00	8159	Outside	3816.00	
Bull Plug	3.00			3819.00	45.00 Anchor Tool
Total Tool Length:	73.00				



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FLUID SUMMARY

Shelby Resources LLC

35/21s/16w/Pawnee

2717 Canal Blvd Suite C
Hays Ks. 67601

Fenwick #1-35

Job Ticket: 19204

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2014.02.24 @ 00:00:00

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: 57.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 5800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2772.00	100% Clean Gassy Oil.	35.881
0.00	Oil Gravity corrected to 41	0.000
0.00	reversed fluid out to a truck.	0.000

Total Length: 2772.00 ft Total Volume: 35.881 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gas Readings: All readings in 2nd open with 1/4 inch choke.

5 minutes. 6.72; 15 minutes. 6.72; 25 minutes. 5.32; 35 minutes. 4.76; 45 minutes. 3.37.



