



DRILL STEM TEST REPORT

Prepared For: **Younger Energy Company**

9415 East Harry Street Suit
403 Wichita Ks.67207

ATTN: Keith Reavis

Jost 1-27

27-21s-15w-Pawnee

Start Date: 2013.11.24 @ 00:00:00

End Date: 2013.11.24 @ 00:00:00

Job Ticket #: 18465 DST #: 2

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

Printed: 2013.11.26 @ 08:22:16



DRILL STEM TEST REPORT

TOOL DIAGRAM

Younger Energy Company

27-21s-15w-Pawnee

9415 East Harry Street Suit
403 Wichita Ks.67207

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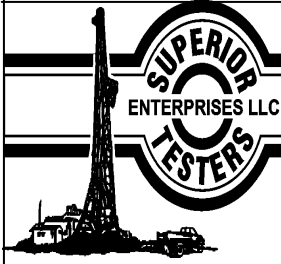
Test Start: 2013.11.24 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3783.00 ft	Diameter: 3.80 inches	Volume: 53.07 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 53.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3796.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	3850.24 ft			
Interval between Packers:	54.24 ft			
Tool Length:	217.85 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			3778.00	
Hydraulic tool	5.00			3783.00	
Jars	6.00			3789.00	
Safety Joint	2.00			3791.00	
Packer	5.00			3796.00	23.00 Bottom Of Top Packer
Change Over Sub	0.75			3796.75	
Drill Pipe	31.74			3828.49	
Change Over Sub	0.75			3829.24	
Anchor	19.00			3848.24	
Recorder	1.00	6731	Inside	3849.24	
Recorder	1.00	8159	Outside	3850.24	54.24 Tool Interval
Packer	5.00			3855.24	
Change Over Sub	0.75			3855.99	
Drill Pipe	127.11			3983.10	
Change Over Sub	0.75			3983.85	
Anchor	3.00			3986.85	
Recorder	1.00	6806	Outside	3987.85	
Bullnose	3.00			3990.85	140.61 Bottom Packers & Anchor
Total Tool Length:	217.85				



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FLUID SUMMARY

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Test Start: 2013.11.24 @ 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: 62.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
780.00	drillin g mud	10.941

Total Length: 780.00 ft Total Volume: 10.941 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

