



DRILL STEM TEST REPORT

Prepared For: **G.L.Allison**

15 South East 30 Road
Great Bend Kansas 67530

ATTN: Kevin Bailey

Younkin 21 TATE

21-12s-32w-Logan

Start Date: 2012.09.08 @ 01:11:00

End Date: 2012.09.08 @ 07:06:23

Job Ticket #: 17268 DST #: 2

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

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G.L.Allison
21-12s-32w-Logan
Younkin 21 TATE
DST # 2
Mississippian
2012.09.08



DRILL STEM TEST REPORT

TOOL DIAGRAM

G.L.Allison
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 Great Bend Kansas 67530
 ATTN: Kevin Bailey

21-12s-32w-Logan
Younkin 21 TATE
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 Test Start: 2012.09.08 @ 01:11:00

Tool Information

Drill Pipe:	Length: 4622.00 ft	Diameter: 3.80 inches	Volume: 64.83 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: 82000.00 lb
			<u>Total Volume: 64.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4630.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			4607.00	
Hydraulic Tool	5.00			4612.00	
Jars	6.00			4618.00	
Safety Joint	2.00			4620.00	
Packer	5.00			4625.00	28.00 Bottom Of Top Packer
Packer	5.00			4630.00	
Anchor	20.00			4650.00	
Recorder	1.00	8405	Inside	4651.00	
Recorder	1.00	8400	Outside	4652.00	
Bull Plug	3.00			4655.00	25.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



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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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 2600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Oil cut mud 2%Oil 98%Mud	0.435

Total Length: 31.00 ft Total Volume: 0.435 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time



