



DRILL STEM TEST REPORT

Prepared For: **F.G Holl Company**

9431 East Central Suite 100
Wichita Kansas 67206

ATTN: Frank Greenbaum

Dunavan 1-14

14-20s-15w-Barton

Start Date: 2012.07.14 @ 04:52:00

End Date: 2012.07.14 @ 11:48:00

Job Ticket #: 17306 DST #: 5

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

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TOOL DIAGRAM

F.G Holl Company
 9431 East Central Suite 100
 Wichita Kansas 67206
 A T T N : Frank Greenbaum

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Dunavan 1-14
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Tool Information

Drill Pipe:	Length: 3732.00 ft	Diameter: 3.80 inches	Volume: 52.35 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: 50000.00 lb
			<u>Total Volume: 52.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3739.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 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			3716.00	
Hydraulic Tool	5.00			3721.00	
Jars	6.00			3727.00	
Safety Joint	2.00			3729.00	
Packer	5.00			3734.00	28.00 Bottom Of Top Packer
Packer	5.00			3739.00	
Anchor	9.00			3748.00	
Recorder	1.00	8405	Inside	3749.00	
Recorder	1.00	8400	Outside	3750.00	
Bull Plug	3.00			3753.00	14.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



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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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Oil cut mud	1.683
0.00	10%Oil 85%Mud 5%Water	0.000
475.00	Water 5%mud 95%Water	6.663

Total Length: 595.00 ft Total Volume: 8.346 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



