

## DRILL STEM TEST REPORT

Prepared For: **BOP West L.L.C**

Po Box 129 Wooster OH 44691

ATTN: Ken Wallace

**Van Meter#20-1**

**20-16-1 Saline**

Start Date: 2012.11.04 @ 11:45:00

End Date: 2012.11.04 @ 18:10:30

Job Ticket #: 16892                      DST #: 2

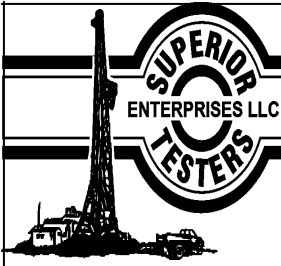
Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.11.04 @ 17:56:32

BOP West L.L.C  
20-16-1 Saline  
Van Meter#20-1  
DST # 2  
Mississippi  
2012.11.04







# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

BOP West L.L.C  
 Po Box 129 Wooster OH 44691  
 ATTN: Ken Wallace

**20-16-1 Saline**  
**Van Meter#20-1**  
 Job Ticket: 16892      **DST#: 2**  
 Test Start: 2012.11.04 @ 11:45:00

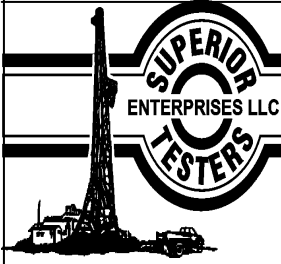
**Tool Information**

Drill Pipe:	Length: 2305.00 ft	Diameter: 3.80 inches	Volume: 32.33 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 33.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	2563.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	118.00 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			2542.00	
Hydraulic Tool	5.00			2547.00	
Jars	6.00			2553.00	
Packer	5.00			2558.00	26.00      Bottom Of Top Packer
Packer	5.00			2563.00	
Anchor	0.00			2563.00	
Change Over Sub	0.75			2563.75	
Drill Pipe	63.50			2627.25	
Change Over Sub	0.75			2628.00	
Anchor	22.00			2650.00	
Recorder	1.00	6731	Inside	2651.00	
Recorder	1.00	8159	Outside	2652.00	
Bullnose	3.00			2655.00	92.00      Bottom Packers & Anchor

**Total Tool Length: 118.00**



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## FLUID SUMMARY

BOP West L.L.C  
Po Box 129 Wooster OH 44691  
ATTN: Ken Wallace

**20-16-1 Saline**  
**Van Meter#20-1**  
Job Ticket: 16892      **DST#:2**  
Test Start: 2012.11.04 @ 11:45:00

### 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:	34.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	12.10 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	1500.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

