

DRILL STEM TEST REPORT

Prepared For: **RJM Company**

PO Box 256
Claffin Ks, 67525-0256

ATTN: Jim Musgrove

Stueder Farms #1

5/20s/10w/Rice

Start Date: 2013.09.23 @ 11:20:00

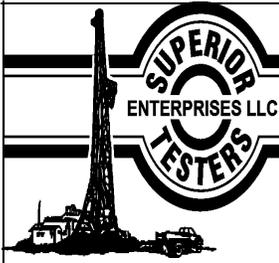
End Date: 2013.09.23 @ 17:36:00

Job Ticket #: 18495 DST #: 1

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

Printed: 2013.09.23 @ 17:53:01

RJM Company
5/20s/10w/Rice
Stueder Farms #1
DST # 1
Arbuckle
2013.09.23



DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company
 PO Box 256
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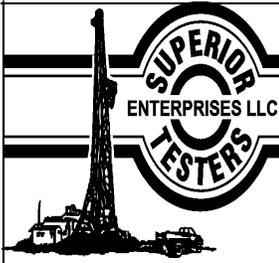
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Tool Information

Drill Pipe:	Length: 3294.00 ft	Diameter: 3.80 inches	Volume: 46.21 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: 54000.00 lb
			<u>Total Volume: 46.21 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3306.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3286.00	
Shut-In Tool	5.00			3291.00	
Hydroic Tool	5.00			3296.00	
Packer	5.00			3301.00	21.00 Bottom Of Top Packer
Packer	5.00			3306.00	
Perforations	38.00			3344.00	
Recorder	1.00	8400	Inside	3345.00	
Recorder	1.00	6999	Outside	3346.00	
Bullnose	3.00			3349.00	43.00 Bottom Packers & Anchor
Total Tool Length:	64.00				



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FLUID SUMMARY

RJM Company
 PO Box 256
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 A T T N : Jim Musgrove

5/20s/10w/Rice
Stueder Farms #1
 Job Ticket: 18495 **DST#: 1**
 Test Start: 2013.09.23 @ 11:20:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	630 feet 100% gas.	0.000
2.00	100% Clean Oil	0.028
120.00	trace oil, 40% w ater, 60% mud.	1.683
120.00	35% mud, 65% w ater	1.683
180.00	25% mud, 75% w ater.	2.525
198.00	5% mud, 95% w ater	2.777
0.00	Chlorides recov, 18000 ppm, .21 ohms at	0.000

Total Length: 620.00 ft Total Volume: 8.696 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

