



## DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas 67525

ATTN: Jim Musgrove

### **Robl Farms #1**

#### **18-19s-11w**

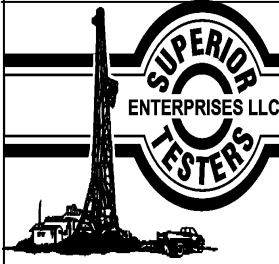
Start Date: 2012.06.19 @ 09:10:00

End Date: 2012.06.19 @ 15:59:00

Job Ticket #: 17687                      DST #: 5

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

Printed: 2012.06.19 @ 22:53:42



# DRILL STEM TEST REPORT

RJM Company  
 Po Box 256 Claflin Kansas 67525  
 ATTN: Jim Musgrove

**18-19s-11w**  
**Robl Farms #1**  
 Job Ticket: 17687 **DST#: 5**  
 Test Start: 2012.06.19 @ 09:10:00

## GENERAL INFORMATION:

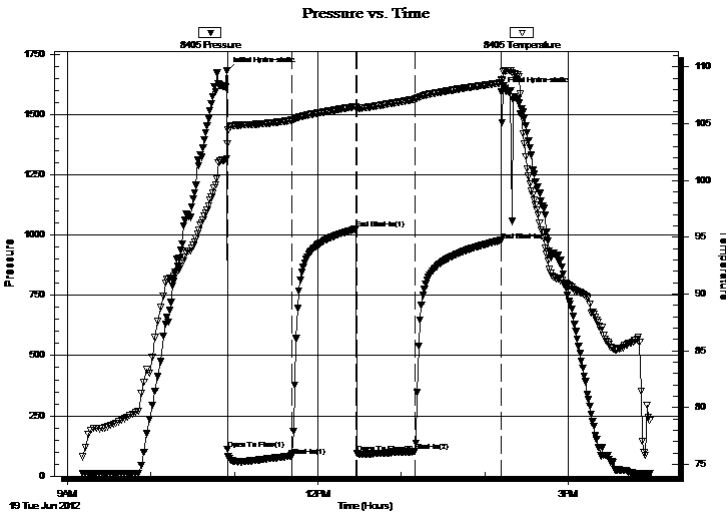
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:55:00  
 Time Test Ended: 15:59:00  
 Interval: **3340.00 ft (KB) To 3375.00 ft (KB) (TVD)**  
 Total Depth: 3375.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 3315-GB-30  
 Reference Elevations: 1799.00 ft (KB)  
 1792.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 8405 Outside

Press @ Run Depth: 102.25 psig @ 3342.56 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2012.06.19 End Date: 2012.06.19 Last Calib.: 2012.06.19  
 Start Time: 09:11:00 End Time: 15:59:00 Time On Btm: 2012.06.19 @ 10:54:30  
 Time Off Btm: 2012.06.19 @ 14:12:00

**TEST COMMENT:** 1st Open 45 minutes Fair building blow blew 3.5 inches.  
 1st Shut in 45 minutes No blow back.  
 2nd Open 45 minutes Fair building blow blew 3.5 inches  
 2nd Shut in 60 minutes No blow back.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1679.94	101.91	Initial Hydro-static
1	109.90	103.23	Open To Flow (1)
47	83.98	105.28	Shut-In(1)
93	1024.97	106.52	End Shut-In(1)
94	94.60	106.35	Open To Flow (2)
136	102.25	107.14	Shut-In(2)
197	977.67	108.57	End Shut-In(2)
198	1596.58	108.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	Clean oil 100%	0.15
60.00	Oil cut mud 40%Oil 60%Mud	0.30
60.00	Oil cut mud 25%Oil 75%Mud	0.58
0.00	Gravity of oil 36 corrected	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (m <sup>3</sup> /d)





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**TOOL DIAGRAM**

RJM Company  
 Po Box 256 Claflin Kansas 67525  
 A T T N : Jim Musgrove

**18-19s-11w**  
**Robl Farms #1**  
 Job Ticket: 17687      **DST#: 5**  
 Test Start: 2012.06.19 @ 09:10:00

**Tool Information**

Drill Pipe:	Length: 3216.00 ft	Diameter: 3.80 inches	Volume: 45.11 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: 118.79 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 45.69 bbl</u>	Tool Chased	2.00 ft
Drill Pipe Above KB:	14.79 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3340.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	35.00 ft				
Tool Length:	55.00 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			3325.00	
Hydraulic Tool	5.00			3330.00	
Packer	5.00			3335.00	20.00      Bottom Of Top Packer
Packer	5.00			3340.00	
Perforations	30.00			3370.00	
Recorder	1.00		Inside	3371.00	
Recorder	1.00		Outside	3372.00	
Bull Plug	3.00			3375.00	35.00      Bottom Packers & Anchor

**Total Tool Length: 55.00**



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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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Clean oil 100%	0.148
60.00	Oil cut mud 40%Oil 60%Mud	0.295
60.00	Oil cut mud 25%Oil 75%Mud	0.579
0.00	Gravity of oil 36 corrected	0.000

Total Length: 150.00 ft      Total Volume: 1.022 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

