



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin KS 67525+0256

ATTN: Clint

Gibber #1

16-17s-11w Barton

Start Date: 2014.02.25 @ 20:10:00

End Date: 2014.02.26 @ 02:00:00

Job Ticket #: 19139 DST #: 2

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

Printed: 2014.02.26 @ 04:24:35

RJM Company
16-17s-11w Barton
Gibber #1
DST # 2
F zone
2014.02.25



DRILL STEM TEST REPORT

RJM Company
 Po Box 256 Claflin KS 67525+0256
 ATTN: Clint

16-17s-11w Barton
Gibber #1
 Job Ticket: 19139 **DST#: 2**
 Test Start: 2014.02.25 @ 20:10:00

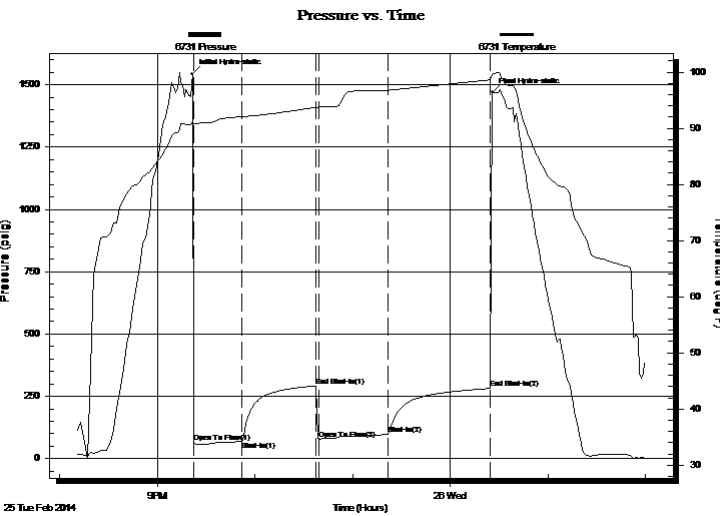
GENERAL INFORMATION:

Formation: **F zone**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 21:22:30 Tester: Jared Scheck
 Time Test Ended: 02:00:00 Unit No: 3320-Great Bend
 Interval: **3056.00 ft (KB) To 3095.00 ft (KB) (TVD)** Reference Elevations: 1827.00 ft (KB)
 Total Depth: 3095.00 ft (KB) (TVD) 1820.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 6731

Press@RunDepth: 96.44 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.25 End Date: 2014.02.26 Last Calib.: 2014.02.26
 Start Time: 20:10:00 End Time: 02:00:00 Time On Btm: 2014.02.25 @ 21:21:30
 Time Off Btm: 2014.02.26 @ 00:26:00

TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 1 minute
 1st Shut-in 45 Minutes-Very weak blow back
 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 1 minute
 2nd Shut-in 60 Minutes-Very weak blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1544.07	91.13	Initial Hydro-static
1	65.00	90.89	Open To Flow (1)
31	69.67	92.04	Shut-In(1)
76	291.50	93.73	End Shut-In(1)
78	78.48	93.77	Open To Flow (2)
120	96.44	96.77	Shut-In(2)
183	281.15	98.61	End Shut-In(2)
185	1469.43	99.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud	1.68
0.00	1260 Gas in pipe	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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 ATTN: Clint

16-17s-11w Barton
Gibber #1
 Job Ticket: 19139 **DST#: 2**
 Test Start: 2014.02.25 @ 20:10:00

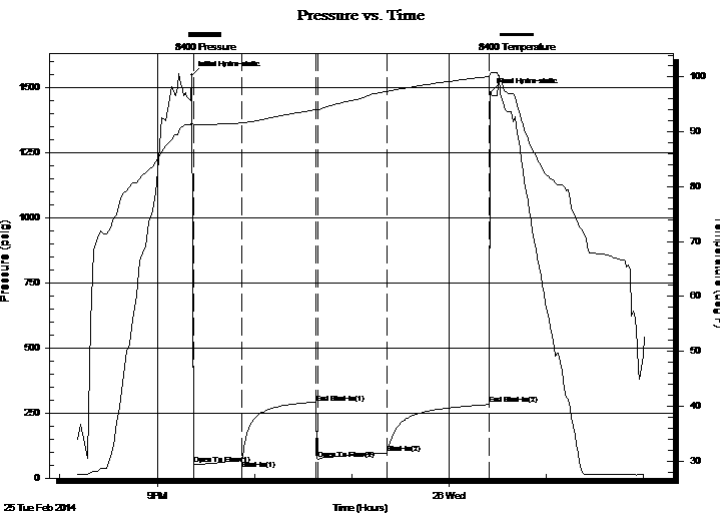
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 Total Depth: 3095.00 ft (KB) (TVD) 1820.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8400

Press@RunDepth: 282.29 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.02.25 End Date: 2014.02.26 Last Calib.: 2014.02.26
 Start Time: 20:10:00 End Time: 02:00:30 Time On Btm: 2014.02.25 @ 21:21:30
 Time Off Btm: 2014.02.26 @ 00:25:30

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 2nd Opening 45 Minutes-Strong blow built bottom of bucket in 1 minute
 2nd Shut-in 60 Minutes-Very weak blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1546.04	91.68	Initial Hydro-static
1	53.45	91.38	Open To Flow (1)
31	69.24	91.62	Shut-In(1)
77	286.53	94.04	End Shut-In(1)
78	72.42	94.01	Open To Flow (2)
120	96.88	97.34	Shut-In(2)
183	282.29	100.08	End Shut-In(2)
184	1477.93	100.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	mud	1.68
0.00	1260 Gas in pipe	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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TOOL DIAGRAM

RJM Company
 Po Box 256 Claflin KS 67525+0256
 ATTN: Clint

16-17s-11w Barton
Gibber #1
 Job Ticket: 19139 **DST#: 2**
 Test Start: 2014.02.25 @ 20:10:00

Tool Information

Drill Pipe:	Length: 3066.00 ft	Diameter: 3.80 inches	Volume: 43.01 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume: 43.01 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	3056.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	59.00 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			3041.00	
Hydraulic tool	5.00			3046.00	
Packer	5.00			3051.00	20.00 Bottom Of Top Packer
Packer	5.00			3056.00	
Recorder	1.00			3057.00	
Recorder	1.00			3058.00	
Anchor	34.00			3092.00	
Bullnose	3.00			3095.00	39.00 Bottom Packers & Anchor

Total Tool Length: 59.00



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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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mud	1.683
0.00	1260 Gas in pipe	0.000

Total Length: 120.00 ft Total Volume: bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

