



DRILL STEM TEST REPORT

Prepared For: **RJM Oil Co.**

Po Box 256 Claflin Kansas
67525

ATTN: Josh Austin

Vendetti #1

3-18s-13wBarton

Start Date: 2012.07.24 @ 02:11:00

End Date: 2012.07.24 @ 07:33:00

Job Ticket #: 17312 DST #: 2

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

Printed: 2012.07.24 @ 05:50:50



DRILL STEM TEST REPORT

RJM Oil Co.
 Po Box 256 Claflin Kansas
 67525
 ATTN: Josh Austin

3-18s-13w Barton
Vendetti #1
 Job Ticket: 17312 **DST#: 2**
 Test Start: 2012.07.24 @ 02:11:00

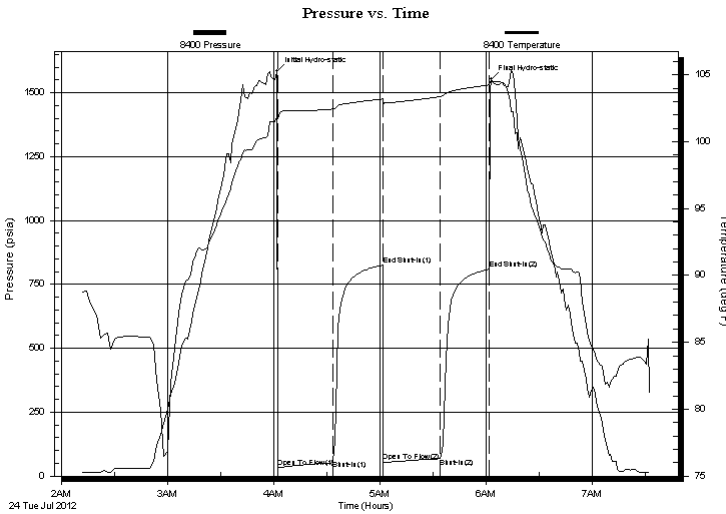
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:02:30
 Time Test Ended: 07:33:00
Interval: 3140.00 ft (KB) To 3160.00 ft (KB) (TVD)
 Total Depth: 3160.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-20
 Reference Elevations: 1815.00 ft (KB)
 1808.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8400 Outside
 Press @ RunDepth: 68.41 psia @ 3157.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.24 End Date: 2012.07.24 Last Calib.: 2012.07.24
 Start Time: 02:11:00 End Time: 07:33:00 Time On Btm: 2012.07.24 @ 04:02:00
 Time Off Btm: 2012.07.24 @ 06:03:00

TEST COMMENT: 1st Open 30 minutes Weak blow reached 1.5 inches
 1st Shut in 30 minutes No blow back
 2nd Open 30 minutes Weak surface blow .
 2nd Shut in 30 minutes No blow back

PRESSURE SUMMARY



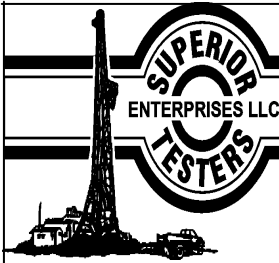
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1584.50	102.35	Initial Hydro-static
1	34.06	101.76	Open To Flow (1)
32	60.65	102.44	Shut-In(1)
60	825.11	103.19	End Shut-In(1)
60	56.07	102.71	Open To Flow (2)
92	68.41	103.38	Shut-In(2)
120	809.11	104.25	End Shut-In(2)
121	1552.96	104.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Water 2%Mud 98%Water	0.87
0.00	Chlorides 61000 @72 degrees	0.00

Gas Rates

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



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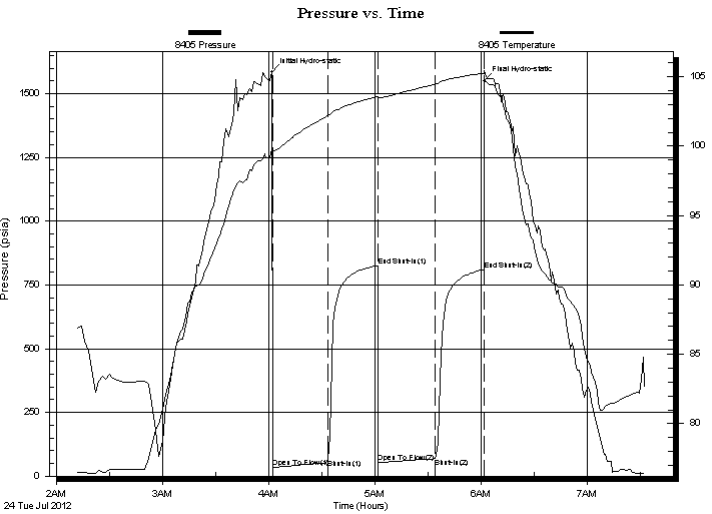
3-18s-13w Barton
Vendetti #1
 Job Ticket: 17312 **DST#: 2**
 Test Start: 2012.07.24 @ 02:11:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 04:02:30 Tester: Dustin Ellis
 Time Test Ended: 07:33:00 Unit No: 3315-Great Bend-20
 Interval: **3140.00 ft (KB) To 3160.00 ft (KB) (TVD)** Reference Elevations: 1815.00 ft (KB)
 Total Depth: 3160.00 ft (KB) (TVD) 1808.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8405 Inside
 Press @ RunDepth: 809.95 psia @ 3156.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.24 End Date: 2012.07.24 Last Calib.: 2012.07.24
 Start Time: 02:11:00 End Time: 07:33:00 Time On Btm: 2012.07.24 @ 04:02:00
 Time Off Btm: 2012.07.24 @ 06:02:00

TEST COMMENT: 1st Open 30 minutes Weak blow reached 1.5 inches
 1st Shut in 30 minutes No blow back
 2nd Open 30 minutes Weak surface blow .
 2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1584.32	99.89	Initial Hydro-static
1	33.69	99.58	Open To Flow (1)
32	64.80	102.17	Shut-In(1)
60	825.96	103.59	End Shut-In(1)
60	53.65	103.39	Open To Flow (2)
92	68.73	104.45	Shut-In(2)
120	809.95	105.25	End Shut-In(2)
120	1549.54	105.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Water 2%Mud 98%Water	0.87
0.00	Chlorides 61000 @72 degrees	0.00

Gas Rates

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



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TOOL DIAGRAM

RJM Oil Co.
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3-18s-13w Barton
Vendetti #1
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Tool Information

Drill Pipe:	Length: 3124.00 ft	Diameter: 3.80 inches	Volume: 43.82 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: 60000.00 lb
			<u>Total Volume: 43.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3140.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 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			3117.00	
Hydraulic Tool	5.00			3122.00	
Jars	6.00			3128.00	
Safety Joint	2.00			3130.00	
Packer	5.00			3135.00	28.00 Bottom Of Top Packer
Packer	5.00			3140.00	
Anchor	15.00			3155.00	
Recorder	1.00	8405	Inside	3156.00	
Recorder	1.00	8400	Outside	3157.00	
Bull Plug	3.00			3160.00	20.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



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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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.40 in ³	Gas Cushion Type:		
Resistivity: 0.20 ohm.m	Gas Cushion Pressure: psia		
Salinity: 7000.00 ppm			
Filter Cake: 1.00 inches			

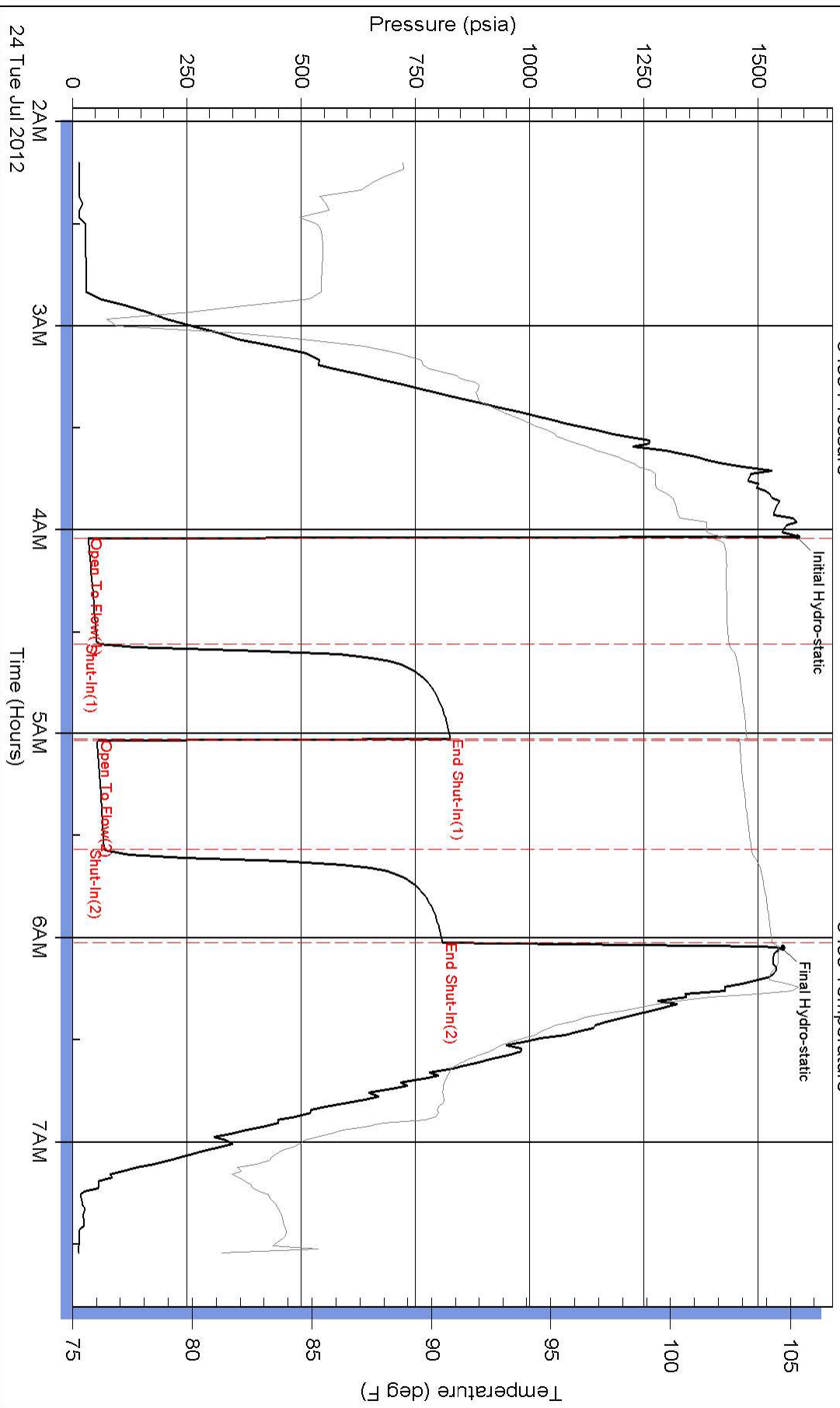
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Water 2%Mud 98%Water	0.870
0.00	Chlorides 61000 @72 degrees	0.000

Total Length: 62.00 ft Total Volume: 0.870 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



Pressure vs. Time

