



DRILL STEM TEST REPORT

Prepared For: **RJM Company**

Po Box 256 Claflin Kansas
67525

ATTN: Kurt Talbolt

Ervin Schneider

31-17s-14w-Barton

Start Date: 2012.08.31 @ 01:44:00

End Date: 2012.08.31 @ 11:07:30

Job Ticket #: 17263 DST #: 1

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

Printed: 2012.08.31 @ 11:21:12



DRILL STEM TEST REPORT

RJM Company
 Po Box 256 Claflin Kansas
 67525
 ATTN: Kurt Talbolt

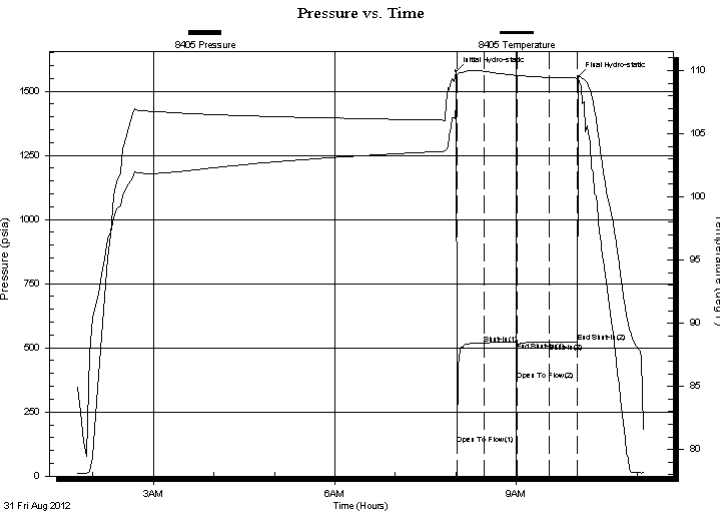
31-17s-14w-Barton
Ervin Schneider
 Job Ticket: 17263 **DST#: 1**
 Test Start: 2012.08.31 @ 01:44:00

GENERAL INFORMATION:

Formation: **Lansing A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 08:01:30 Tester: Dustin Ellis
 Time Test Ended: 11:07:30 Unit No: 3315-Great Bend-35
 Interval: **3164.00 ft (KB) To 3176.00 ft (KB) (TVD)** Reference Elevations: 1912.00 ft (KB)
 Total Depth: 3176.00 ft (KB) (TVD) 1907.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8405 Outside
 Press @ Run Depth: 519.23 psia @ 3172.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.08.31 End Date: 2012.08.31 Last Calib.: 2012.08.31
 Start Time: 01:44:00 End Time: 11:07:30 Time On Btm: 2012.08.31 @ 08:00:00
 Time Off Btm: 2012.08.31 @ 10:01:30

TEST COMMENT: 1st Open 30 minutes Fair blow stayed steady at 2 inches.
 1st Shut in 30 minutes No blow
 2nd Open 30 minutes Weak surface blow died off after 2 minutes.
 2nd Shut in 30 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1577.85	107.55	Initial Hydro-static
2	124.73	109.66	Open To Flow (1)
28	513.53	109.94	Shut-In(1)
60	521.01	109.62	End Shut-In(1)
61	373.69	109.58	Open To Flow (2)
92	519.23	109.47	Shut-In(2)
121	521.48	109.40	End Shut-In(2)
122	1555.44	109.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
17.00	Very lightly oil spotted mud 100% Mud	0.24

Gas Rates

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



DRILL STEM TEST REPORT

RJM Company
 Po Box 256 Claflin Kansas
 67525
 ATTN: Kurt Talbolt

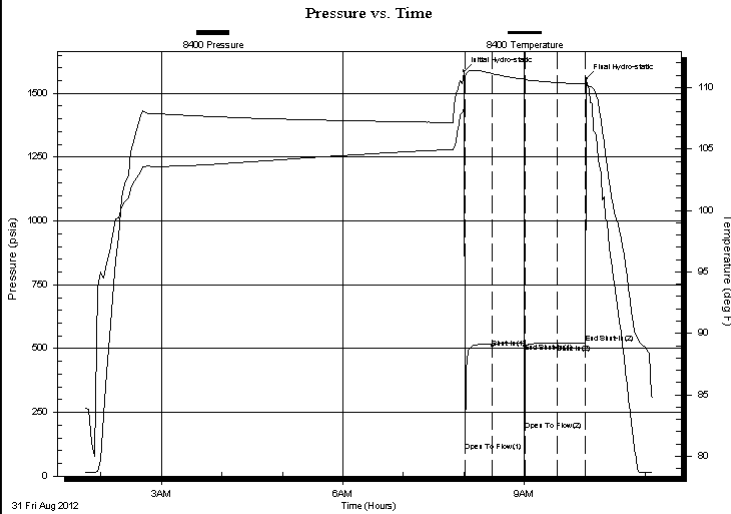
31-17s-14w-Barton
Ervin Schneider
 Job Ticket: 17263 **DST#: 1**
 Test Start: 2012.08.31 @ 01:44:00

GENERAL INFORMATION:

Formation: **Lansing A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-35
 Time Tool Opened: 08:01:30
 Time Test Ended: 11:07:30
 Interval: **3164.00 ft (KB) To 3176.00 ft (KB) (TVD)**
 Reference Elevations: 1912.00 ft (KB)
 Total Depth: 3176.00 ft (KB) (TVD) 1907.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8400 Inside
 Press @ RunDepth: 520.89 psia @ 3173.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.08.31 End Date: 2012.08.31 Last Calib.: 2012.08.31
 Start Time: 01:44:00 End Time: 11:08:00 Time On Btm: 2012.08.31 @ 08:00:00
 Time Off Btm: 2012.08.31 @ 10:01:30

TEST COMMENT: 1st Open 30 minutes Fair blow stayed steady at 2 inches.
 1st Shut in 30 minutes No blow
 2nd Open 30 minutes Weak surface blow died off after 2 minutes.
 2nd Shut in 30 minutes No blow back



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1587.11	108.35	Initial Hydro-static
2	95.86	110.85	Open To Flow (1)
28	500.21	111.14	Shut-In(1)
60	520.34	110.68	End Shut-In(1)
61	181.61	110.57	Open To Flow (2)
92	518.50	110.41	Shut-In(2)
121	520.89	110.29	End Shut-In(2)
122	1557.73	110.35	Final Hydro-static

Length (ft)	Description	Volume (bbl)
17.00	Very lightly oil spotted mud 100% Mud	0.24

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

RJM Company
 Po Box 256 Claflin Kansas
 67525
 ATTN: Kurt Talbolt

31-17s-14w-Barton
Ervin Schneider
 Job Ticket: 17263 **DST#: 1**
 Test Start: 2012.08.31 @ 01:44:00

Tool Information

Drill Pipe:	Length: 3162.00 ft	Diameter: 3.80 inches	Volume: 44.35 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: 58000.00 lb
			<u>Total Volume: 44.35 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 29000.00 lb
Depth to Top Packer:	3164.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Hydrolic Tool	5.00			3149.00	
Shut-In Tool	5.00			3154.00	
Packer	5.00			3159.00	20.00 Bottom Of Top Packer
Packer	5.00			3164.00	
Anchor	7.00			3171.00	
Recorder	1.00	8405	Outside	3172.00	
Recorder	1.00	8400	Inside	3173.00	
Bull Plug	3.00			3176.00	12.00 Bottom Packers & Anchor

Total Tool Length: 32.00



DRILL STEM TEST REPORT

FLUID SUMMARY

RJM Company
Po Box 256 Claflin Kansas
67525
ATTN: Kurt Talbolt

31-17s-14w-Barton
Ervin Schneider
Job Ticket: 17263 **DST#: 1**
Test Start: 2012.08.31 @ 01:44:00

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:	60.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	8.00 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	2000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
17.00	Very lightly oil spotted mud 100% Mud	0.238

Total Length: 17.00 ft Total Volume: 0.238 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

