



DRILL STEM TEST REPORT

Prepared For: **L B Exploration**

2135 2nd Rd Holyrood KS 67450 + 9021

ATTN: Steven Peterman

Eveleigh 27#1

27-16-14 Barton

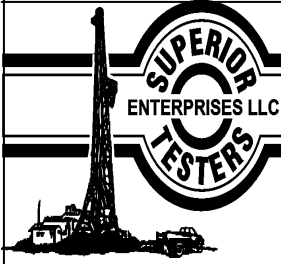
Start Date: 2013.07.27 @ 03:22:00

End Date: 2013.07.27 @ 08:20:30

Job Ticket #: 17018 DST #: 6

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

Printed: 2013.07.27 @ 20:38:42



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Eveleigh 27#1
 Job Ticket: 17018 **DST#: 6**
 Test Start: 2013.07.27 @ 03:22:00

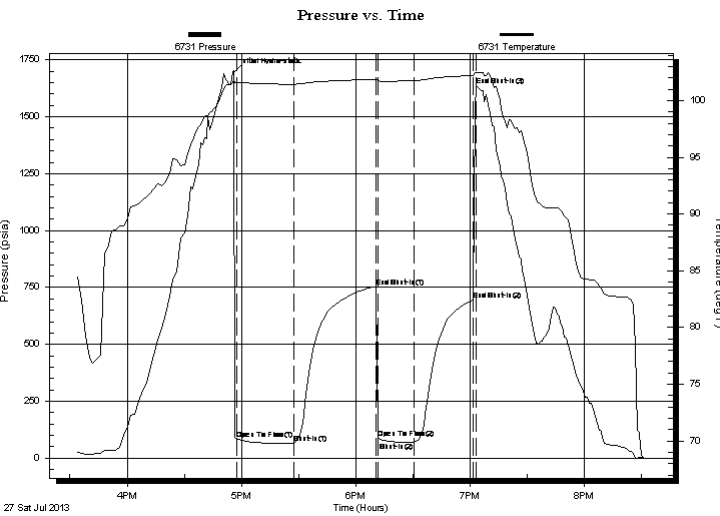
GENERAL INFORMATION:

Formation: **Lansing H, I, J zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:46:30
 Time Test Ended: 08:20:30
Interval: 3329.00 ft (KB) To 3387.00 ft (KB) (TVD)
 Total Depth: 3387.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320 Great Bend -40
 Reference Elevations: 1968.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6731

Press@RunDepth: 68.72 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.27 End Date: 2013.07.27 Last Calib.: 2013.07.27
 Start Time: 15:33:00 End Time: 20:31:30 Time On Btm: 2013.07.27 @ 16:56:00
 Time Off Btm:

TEST COMMENT: 1st Opening 30 Minutes-Very weak surface blow built 1/2 inch into bucket w ater in 30 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge died off flushed tool weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

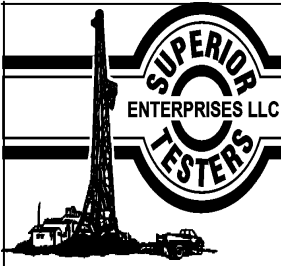
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1694.72	101.85	Initial Hydro-static
2	84.66	101.55	Open To Flow (1)
32	66.80	101.45	Shut-In(1)
75	753.59	101.89	End Shut-In(1)
76	85.70	101.72	Open To Flow (2)
95	68.72	101.77	Shut-In(2)
126	694.40	102.21	End Shut-In(2)
127	1637.92	102.46	End Shut-In(3)

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud	0.28

Gas Rates

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



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27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17018 **DST#: 6**
 Test Start: 2013.07.27 @ 03:22:00

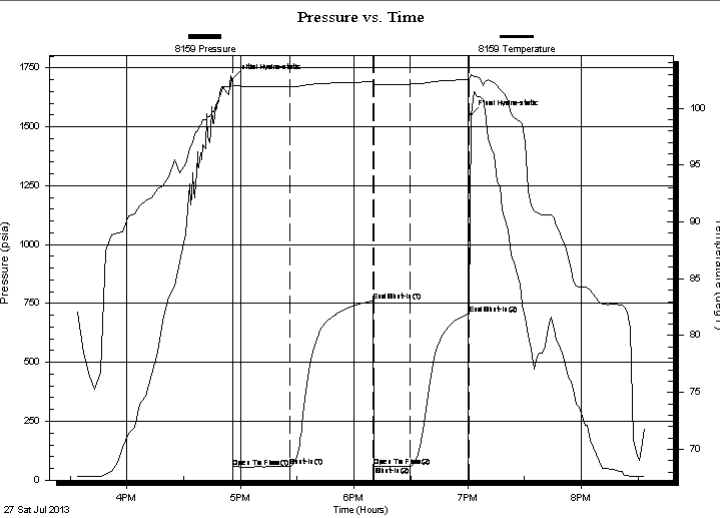
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Formation: **Lansing H, I, J zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:46:30
 Time Test Ended: 08:20:30
Interval: 3329.00 ft (KB) To 3387.00 ft (KB) (TVD)
 Total Depth: 3387.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: 3320 Great Bend -40
 Reference Elevations: 1968.00 ft (KB)
 1958.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8159

Press@RunDepth: 705.38 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.07.27 End Date: 2013.07.27 Last Calib.: 2013.07.27
 Start Time: 15:33:00 End Time: 20:33:30 Time On Btm: 2013.07.27 @ 16:55:40
 Time Off Btm: 2013.07.27 @ 19:02:00

TEST COMMENT: 1st Opening 30 Minutes-Very weak surface blow built 1/2 inch into bucket w ater in 30 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 15 Minutes-Very weak surge died off flushed tool weak surge did not build
 2nd Shut-in 30 Minutes-No blow back



PRESSURE SUMMARY

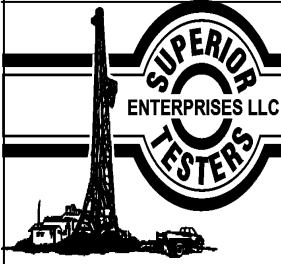
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1704.03	102.49	Initial Hydro-static
1	56.53	102.05	Open To Flow (1)
31	56.98	101.92	Shut-In(1)
75	760.83	102.33	End Shut-In(1)
75	59.33	102.07	Open To Flow (2)
95	58.78	102.13	Shut-In(2)
126	705.38	102.53	End Shut-In(2)
127	1551.51	102.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud	0.28

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

L B Exploration
 2135 2nd Rd Holyrood KS 67450 + 9021
 ATTN: Steven Peterman

27-16-14 Barton
Eveleigh 27#1
 Job Ticket: 17018 **DST#: 6**
 Test Start: 2013.07.27 @ 03:22:00

Tool Information

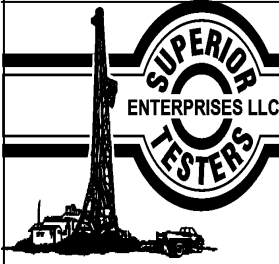
Drill Pipe:	Length: 3320.00 ft	Diameter: 3.80 inches	Volume: 46.57 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3329.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	78.00 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			3314.00	
Hydraulic Tool	5.00			3319.00	
Packer	5.00			3324.00	20.00 Bottom Of Top Packer
Packer	5.00			3329.00	
Anchor	4.00			3333.00	
Change Over Sub	0.75			3333.75	
Drill Pipe	31.50			3365.25	
Change Over Sub	0.75			3366.00	
Anchor	16.00			3382.00	
Recorder	1.00	6731	Inside	3383.00	
Recorder	1.00	8159	Outside	3384.00	
Bullnose	3.00			3387.00	58.00 Bottom Packers & Anchor

Total Tool Length: 78.00



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FLUID SUMMARY

L B Exploration

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Job Ticket: 17018

DST#: 6

ATTN: Steven Peterman

Test Start: 2013.07.27 @ 03:22:00

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

