



DRILL STEM TEST REPORT

Prepared For: **LB Exploration Inc.**

2135 2nd RD.
Holyrod Ks, 67450-9021

ATTN: Steve Petermann

Spencer's Bluffs #6

16/32s/13w/Barber

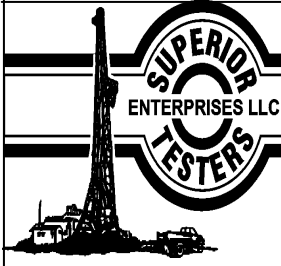
Start Date: 2013.11.01 @ 23:35:00

End Date: 2013.11.02 @ 08:14:30

Job Ticket #: 18512 DST #: 1

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

Printed: 2013.11.02 @ 08:40:16



DRILL STEM TEST REPORT

LB Exploration Inc.
 2135 2nd RD.
 Holyrood Ks, 67450-9021
 ATTN: Steve Petermann

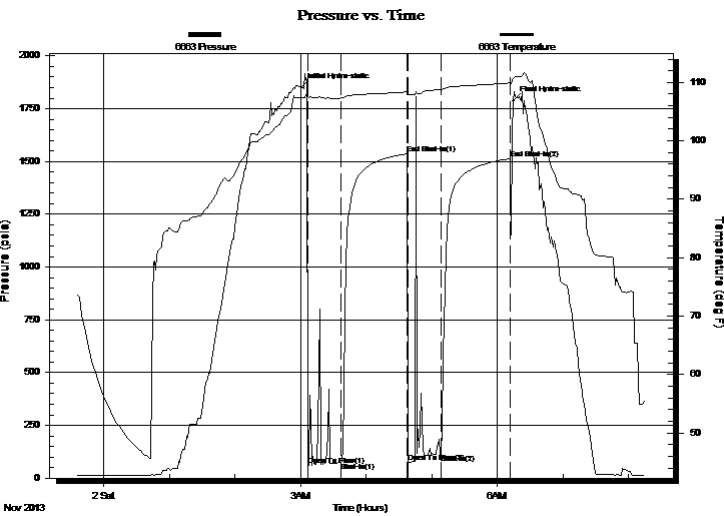
16/32s/13w/Barber
Spencer's Bluffs #6
 Job Ticket: 18512 **DST#: 1**
 Test Start: 2013.11.01 @ 23:35:00

GENERAL INFORMATION:

Formation: Toronto			Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)			Tester: Shane Konzem
Time Tool Opened: 03:06:30			Unit No: 3330/196/Great Bend
Time Test Ended: 08:14:30			Reference Elevations: 1828.00 ft (KB)
Interval: 3838.00 ft (KB) To 3901.00 ft (KB) (TVD)			1815.00 ft (CF)
Total Depth: 3901.00 ft (KB) (TVD)			KB to GR/CF: 13.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Poor		

Serial #: 6663	Inside				
Press @ RunDepth: 114.01 psia @ 3895.38 ft (KB)			Capacity: 5000.00 psia		
Start Date: 2013.11.01	End Date: 2013.11.02	Last Calib.: 2013.11.02			
Start Time: 23:35:00	End Time: 08:14:30	Time On Btm: 2013.11.02 @ 03:00:30			
		Time Off Btm: 2013.11.02 @ 06:14:30			

TEST COMMENT: 1st Open/ 30 Minutes. Weak blow built to 3 inches in 5 gallon bucket.
 1st Shut In/ 60 Minutes. No blow back.
 2nd Open/ 30 Minutes. No blow , flushed tool had flush bubbles and gained a 3 inch blow into a 5 gallon bucket.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1851.77	107.38	Initial Hydro-static
6	60.86	107.52	Open To Flow (1)
37	73.95	107.30	Shut-In(1)
97	1536.43	108.36	End Shut-In(1)
98	76.49	107.97	Open To Flow (2)
128	114.01	108.73	Shut-In(2)
191	1513.37	109.91	End Shut-In(2)
194	1787.94	110.64	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
65.00	100% mud	0.91

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



DRILL STEM TEST REPORT

LB Exploration Inc.
 2135 2nd RD.
 Holyrood Ks, 67450-9021
 ATTN: Steve Petermann

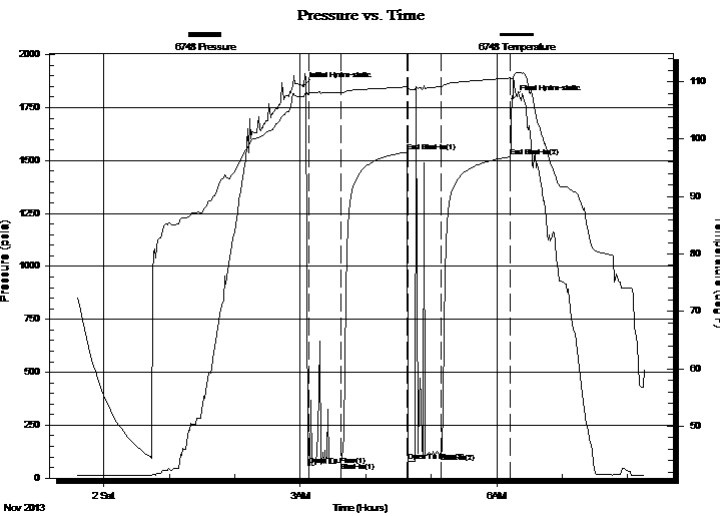
16/32s/13w/Barber
Spencer's Bluffs #6
 Job Ticket: 18512 **DST#: 1**
 Test Start: 2013.11.01 @ 23:35:00

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:06:30
 Time Test Ended: 08:14:30
Interval: 3838.00 ft (KB) To 3901.00 ft (KB) (TVD)
 Total Depth: 3901.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 3330/196/Great Bend
 Reference Elevations: 1828.00 ft (KB)
 1815.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6748 Outside
 Press @ RunDepth: 1517.15 psia @ 3896.38 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.11.01 End Date: 2013.11.02 Last Calib.: 2013.11.02
 Start Time: 23:35:00 End Time: 08:15:30 Time On Btm: 2013.11.02 @ 03:02:30
 Time Off Btm: 2013.11.02 @ 06:15:00

TEST COMMENT: 1st Open/ 30 Minutes. Weak blow built to 3 inches in 5 gallon bucket.
 1st Shut In/ 60 Minutes. No blow back.
 2nd Open/ 30 Minutes. No blow , flushed tool had flush bubbles and gained a 3 inch blow into a 5 gallon bucket.



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1851.81	107.44	Initial Hydro-static
5	59.91	108.06	Open To Flow (1)
35	74.61	108.04	Shut-In(1)
96	1540.34	109.11	End Shut-In(1)
96	77.54	108.64	Open To Flow (2)
127	115.78	109.16	Shut-In(2)
190	1517.15	110.64	End Shut-In(2)
193	1790.24	110.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	100% mud	0.91

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Inc.
 2135 2nd RD.
 Holyrood Ks, 67450-9021
 ATTN: Steve Petermann

16/32s/13w/Barber
Spencer's Bluffs #6
 Job Ticket: 18512 **DST#: 1**
 Test Start: 2013.11.01 @ 23:35:00

Tool Information

Drill Pipe:	Length: 3848.00 ft	Diameter: 3.80 inches	Volume: 53.98 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 53.98 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3838.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.38 ft			
Tool Length:	84.38 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3818.00	
Shut-In Tool	5.00			3823.00	
Hydroic Tool	5.00			3828.00	
Packer	5.00			3833.00	21.00 Bottom Of Top Packer
Packer	5.00			3838.00	
Perforations	5.00			3843.00	
Change Over Sub	0.75			3843.75	
Drill Pipe	31.88			3875.63	
Change Over Sub	0.75			3876.38	
Perforations	18.00			3894.38	
Recorder	1.00	6663	Inside	3895.38	
Recorder	1.00	6748	Outside	3896.38	
Bullnose	5.00			3901.38	63.38 Bottom Packers & Anchor

Total Tool Length: 84.38



DRILL STEM TEST REPORT

FLUID SUMMARY

LB Exploration Inc.
2135 2nd RD.
Holyrood Ks, 67450-9021
ATTN: Steve Petermann

16/32s/13w/Barber
Spencer's Bluffs #6
Job Ticket: 18512 **DST#: 1**
Test Start: 2013.11.01 @ 23:35:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 2600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	100% mud	0.912

Total Length: 65.00 ft Total Volume: 0.912 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

