



DRILL STEM TEST REPORT

Prepared For: **L B Exploration Inc.**

2135 2nd Road Holyrood
Kansas 67450+9021

ATTN: Scott Alberg

14/32S/15W Barber

Lakin # 14

Start Date: 2011.04.10 @ 12:00:00

End Date: 2011.04.10 @ 21:13:00

Job Ticket #: 15987 DST #: 5

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

Printed: 2011.04.10 @ 21:37:48



DRILL STEM TEST REPORT

L B Exploration Inc.
 2135 2nd Road Holyrood
 Kansas 67450+9021
 ATTN: Scott Alberg

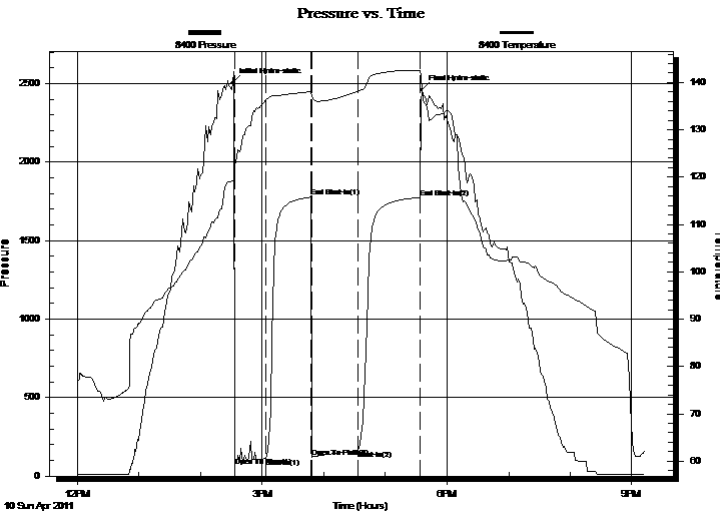
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15987 **DST#: 5**
 Test Start: 2011.04.10 @ 12:00:00

GENERAL INFORMATION:

Formation: **Simpsn Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:33:00
 Time Test Ended: 21:13:00
 Interval: **5025.00 ft (KB) To 5045.00 ft (KB) (TVD)**
 Total Depth: 5045.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dylan E Ellis
 Unit No: 3345/Pratt/124
 Reference Elevations: 1979.00 ft (KB)
 1971.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400 Outside
 Press @ RunDepth: 164.83 psia @ 5042.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.04.10 End Date: 2011.04.10 Last Calib.: 2011.04.10
 Start Time: 12:00:00 End Time: 21:13:00 Time On Btm: 2011.04.10 @ 14:31:00
 Time Off Btm: 2011.04.10 @ 17:35:30

TEST COMMENT: 1ST Opening 30 minutes weak but building blow /blow blew 6 inches into bucket of water
 1ST Shut-In 45 minutes no blow back
 2ND Opening 45 minutes weak but building blow /blow blew 4.50 inches into bucket of water
 2ND Shut-In 60 minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2504.55	119.29	Initial Hydro-static
2	63.43	120.89	Open To Flow (1)
32	112.62	136.29	Shut-In(1)
77	1777.75	138.01	End Shut-In(1)
78	120.86	137.14	Open To Flow (2)
122	164.83	138.07	Shut-In(2)
183	1775.65	142.54	End Shut-In(2)
185	2461.10	138.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Slightly Oil spotted Mud-100%	0.15
120.00	Water cut Mud with Oil specks	0.59
0.00	30% Water 70% Mud	0.00
120.00	Mud cut Water	1.33
0.00	5% Mud 95% Water	0.00
0.00	60 Gas in the pipe	0.00

Gas Rates

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



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TOOL DIAGRAM

L B Exploration Inc.
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Lakin # 14
14/32S/15W Barber
 Job Ticket: 15987 **DST#: 5**
 Test Start: 2011.04.10 @ 12:00:00

Tool Information

Drill Pipe:	Length: 4824.00 ft	Diameter: 3.80 inches	Volume: 67.67 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: 189.00 ft	Diameter: 2.25 inches	Volume: 0.93 bbl	Weight to Pull Loose: 26000.00 lb
			<u>Total Volume: 68.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	5025.00 ft			Final 63000.00 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			5002.00	
Hydraulic Tool	5.00			5007.00	
Jars	6.00			5013.00	
Safety Joint	2.00			5015.00	
Packer	5.00			5020.00	28.00 Bottom Of Top Packer
Packer	5.00			5025.00	
Perforations	15.00			5040.00	
Recorder	1.00	8405	Inside	5041.00	
Recorder	1.00	8400	Outside	5042.00	
Bull Plug	3.00			5045.00	20.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



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FLUID SUMMARY

L B Exploration Inc.

Lakin # 14

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Job Ticket: 15987

DST#: 5

ATTN: Scott Alberg

Test Start: 2011.04.10 @ 12:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 60.00 sec/qt
Water Loss: 11.20 in³
Resistivity: ohm.m
Salinity: 7800.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Slightly Oil spotted Mud-100%	0.148
120.00	Water cut Mud with Oil specks	0.590
0.00	30% Water 70% Mud	0.000
120.00	Mud cut Water	1.328
0.00	5% Mud 95% Water	0.000
0.00	60 Gas in the pipe	0.000
0.00	Chlorides were 47,000.0	0.000
0.00	Resistivity was .10 @ 67 degrees	0.000

Total Length: 270.00 ft Total Volume: 2.066 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Thank You for the Work! Dylan E

Pressure vs. Time

