



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: 2011.04.09 @ 02:43:00

End Date: 2011.04.09 @ 12:18:00

Job Ticket #: 15986 DST #: 4

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

Printed: 2011.04.10 @ 00:52:12



DRILL STEM TEST REPORT

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

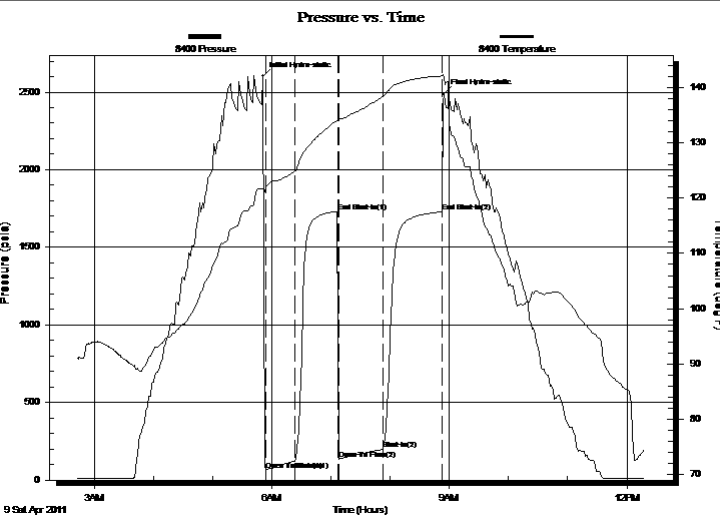
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15986 **DST#: 4**
 Test Start: 2011.04.09 @ 02:43:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 05:54:00 Tester: Dylan E Ellis
 Time Test Ended: 12:18:00 Unit No: 3345/Pratt/124
 Interval: **4951.00 ft (KB) To 4975.00 ft (KB) (TVD)** Reference Elevations: 1979.00 ft (KB)
 Total Depth: 4975.00 ft (KB) (TVD) 1971.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8400 Outside
 Press @ Run Depth: 198.18 psia @ 4972.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.04.09 End Date: 2011.04.09 Last Calib.: 2011.04.10
 Start Time: 02:43:00 End Time: 12:18:00 Time On Btm: 2011.04.09 @ 05:51:00
 Time Off Btm: 2011.04.09 @ 08:54:30

TEST COMMENT: 1ST Opening 30 Minutes good blow /blow blew to bottom of bucket in 2 minutes
 1ST Shut-In 45 Minutes yes blow back measured 1.50 inches
 2ND Opening 45 Minutes good blow /blow blew to bottom of bucket in 4 minutes
 2ND Shut-in 60 Minutes yes blow back measured 1.75 inches



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2600.60	121.76	Initial Hydro-static
3	66.48	121.93	Open To Flow (1)
33	121.66	124.91	Shut-In(1)
76	1731.56	134.02	End Shut-In(1)
77	132.79	134.29	Open To Flow (2)
122	198.18	138.32	Shut-In(2)
182	1728.78	142.05	End Shut-In(2)
184	2489.55	141.86	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
110.00	Slightly Oil cut Gassy Mud trace Water	0.54
60.00	Oil cut Watery Mud	0.30
0.00	Mud 30% Water 60% Oil 10%	0.00
180.00	Slightly Oil cut Muddy Water	2.35
0.00	Oil 5% Mud 15% Water 80%	0.00
0.00	Resistivity w as .10 @ 69 degrees	0.00

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



DRILL STEM TEST REPORT

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

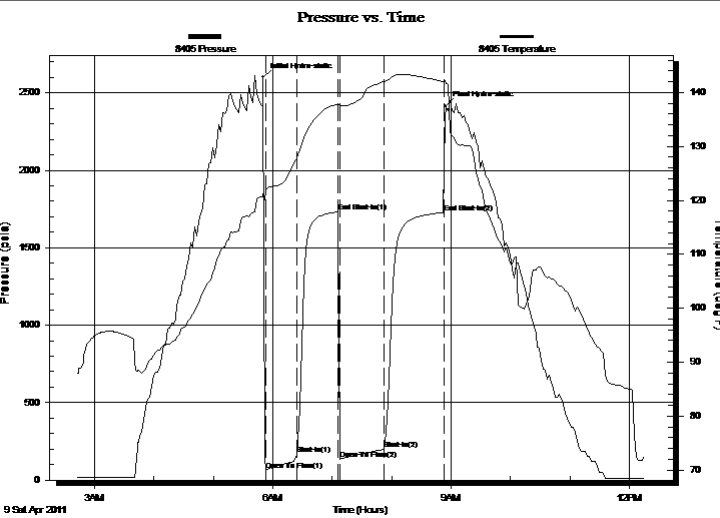
Lakin # 14
14/32S/15W Barber
 Job Ticket: 15986 **DST#: 4**
 Test Start: 2011.04.09 @ 02:43:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 05:54:00 Tester: Dylan E Ellis
 Time Test Ended: 12:18:00 Unit No: 3345/Pratt/124
 Interval: **4951.00 ft (KB) To 4975.00 ft (KB) (TVD)** Reference Elevations: 1979.00 ft (KB)
 Total Depth: 4975.00 ft (KB) (TVD) 1971.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8405 Inside
 Press @ RunDepth: 1726.77 psia @ 4971.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.04.09 End Date: 2011.04.09 Last Calib.: 2011.04.10
 Start Time: 02:43:00 End Time: 12:17:00 Time On Btm: 2011.04.09 @ 05:50:30
 Time Off Btm: 2011.04.09 @ 08:55:00

TEST COMMENT: 1ST Opening 30 Minutes good blow /blow blew to bottom of bucket in 2 minutes
 1ST Shut-In 45 Minutes yes blow back measured 1.50 inches
 2ND Opening 45 Minutes good blow /blow blew to bottom of bucket in 4 minutes
 2ND Shut-in 60 Minutes yes blow back measured 1.75 inches



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2599.70	121.14	Initial Hydro-static
3	65.92	121.78	Open To Flow (1)
34	169.10	127.72	Shut-In(1)
76	1730.39	137.84	End Shut-In(1)
77	134.60	137.49	Open To Flow (2)
122	198.44	142.03	Shut-In(2)
182	1726.77	142.01	End Shut-In(2)
185	2416.38	141.59	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
110.00	Slightly Oil cut Gassy Mud trace Water	0.54
60.00	Oil cut Watery Mud	0.30
0.00	Mud 30% Water 60% Oil 10%	0.00
180.00	Slightly Oil cut Muddy Water	2.35
0.00	Oil 5% Mud 15% Water 80%	0.00
0.00	Resistivity w as .10 @ 69 degrees	0.00

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Lakin # 14
14/32S/15W Barber
 Job Ticket: 15986 **DST#: 4**
 Test Start: 2011.04.09 @ 02:43:00

Tool Information

Drill Pipe:	Length: 4754.00 ft	Diameter: 3.80 inches	Volume: 66.69 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: 21000.00 lb
			<u>Total Volume: 67.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4951.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 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			4928.00	
Hydraulic Tool	5.00			4933.00	
Jars	6.00			4939.00	
Safety Joint	2.00			4941.00	
Packer	5.00			4946.00	28.00 Bottom Of Top Packer
Packer	5.00			4951.00	
Perforations	19.00			4970.00	
Recorder	1.00	8405	Inside	4971.00	
Recorder	1.00	8400	Outside	4972.00	
Bull Plug	3.00			4975.00	24.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

L B Exploration Inc.

Lakin # 14

2135 2nd Road Holyrood
Kansas 67450+9021

14/32S/15W Barber

Job Ticket: 15986

DST#: 4

ATTN: Scott Alberg

Test Start: 2011.04.09 @ 02:43:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 61.00 sec/qt
Water Loss: 10.80 in³
Resistivity: ohm.m
Salinity: 5000.00 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
110.00	Slightly Oil cut Gassy Mud trace Water	0.541
60.00	Oil cut Watery Mud	0.295
0.00	Mud 30% Water 60% Oil 10%	0.000
180.00	Slightly Oil cut Muddy Water	2.352
0.00	Oil 5% Mud 15% Water 80%	0.000
0.00	Resistivity was .10 @ 69 degrees	0.000
0.00	Chlorides were 55,000.0	0.000

Total Length: 350.00 ft Total Volume: 3.188 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

