



DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Holyrod, Kansas 67450+9021

ATTN: Steven Peterson

Kingston #4

34/16S/14W/Barton

Start Date: 2012.05.28 @ 04:05:00

End Date: 2012.05.28 @ 07:55:30

Job Ticket #: 17644 DST #: 3

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

Printed: 2012.05.28 @ 08:06:00



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34/16S/14W/Barton
Kingston #4
 Job Ticket: 17644 **DST#: 3**
 Test Start: 2012.05.28 @ 04:05:00

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:25:30
 Time Test Ended: 07:55:30

Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/45

Interval: 3411.00 ft (KB) To 3462.00 ft (KB) (TVD)
 Total Depth: 3462.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1973.00 ft (KB)
 1966.00 ft (CF)
 KB to GR/CF: 7.00 ft

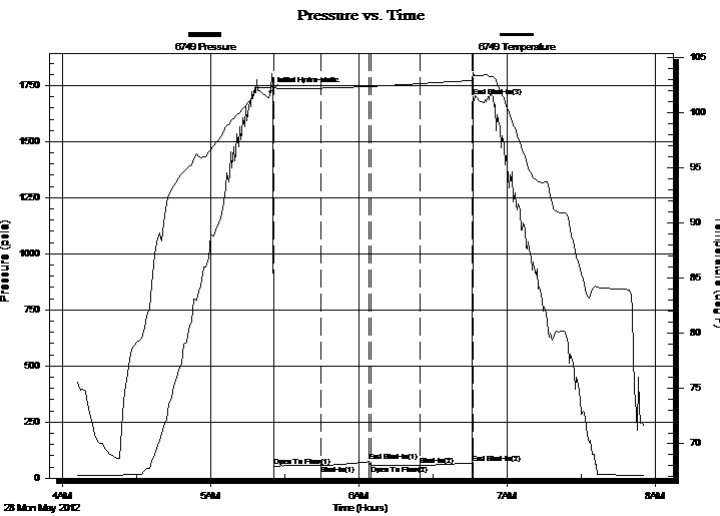
Serial #: 6749

Inside

Press @ RunDepth: 56.60 psia @ 3458.00 ft (KB)
 Start Date: 2012.05.28 End Date: 2012.05.28
 Start Time: 04:05:00 End Time: 07:55:30

Capacity: 5000.00 psia
 Last Calib.: 2012.05.28
 Time On Btm: 2012.05.28 @ 05:24:00
 Time Off Btm:

TEST COMMENT: 1ST Open 20 Minutes/Weak blow /Blow built to 1/4 inch in bucket/Blow died in 18 minutes
 1ST Shut In 20 Minutes/No blow back
 2ND Open 20 Minutes/No blow
 2ND Shut In 20 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1721.68	102.30	Initial Hydro-static
2	54.31	102.26	Open To Flow (1)
21	55.60	102.25	Shut-In(1)
40	73.30	102.42	End Shut-In(1)
41	55.80	102.41	Open To Flow (2)
61	56.60	102.67	Shut-In(2)
82	67.58	102.95	End Shut-In(2)
82	1699.69	103.68	End Shut-In(3)

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

Gas Rates

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



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 Time Tool Opened: 05:25:30
 Time Test Ended: 07:55:30

Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/45

Interval: 3411.00 ft (KB) To 3462.00 ft (KB) (TVD)
 Total Depth: 3462.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

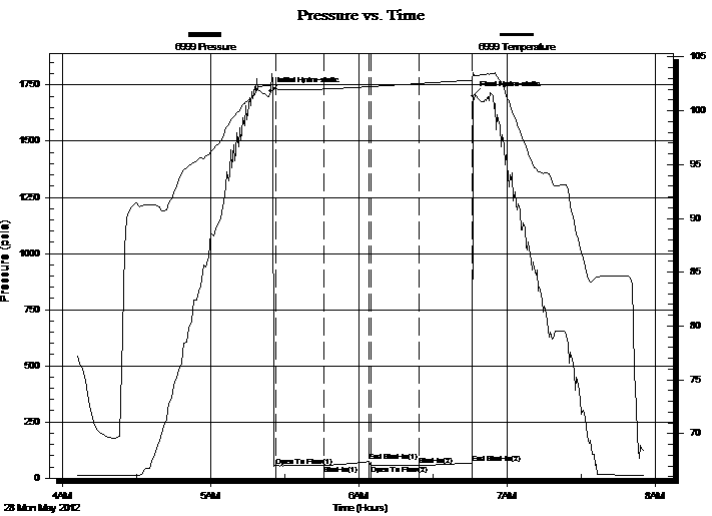
Reference Elevations: 1973.00 ft (KB)
 1966.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6999 Outside

Press @ RunDepth: 67.88 psia @ 3459.00 ft (KB)
 Start Date: 2012.05.28 End Date: 2012.05.28
 Start Time: 04:05:00 End Time: 07:55:30

Capacity: 5000.00 psia
 Last Calib.: 2012.05.28
 Time On Btm: 2012.05.28 @ 05:24:00
 Time Off Btm: 2012.05.28 @ 06:46:00

TEST COMMENT: 1ST Open 20 Minutes/Weak blow /Blow built to 1/4 inch in bucket/Blow died in 18 minutes
 1ST Shut In 20 Minutes/No blow back
 2ND Open 20 Minutes/No blow
 2ND Shut In 20 Minutes/No blow back



PRESSURE SUMMARY

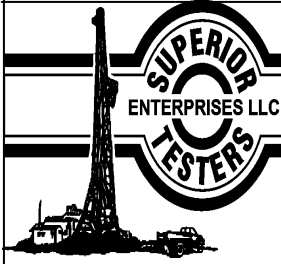
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1722.12	102.37	Initial Hydro-static
2	54.60	102.03	Open To Flow (1)
22	55.86	102.02	Shut-In(1)
40	73.70	102.25	End Shut-In(1)
41	55.73	102.25	Open To Flow (2)
60	56.62	102.54	Shut-In(2)
82	67.88	102.85	End Shut-In(2)
82	1701.26	103.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

Gas Rates

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



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TOOL DIAGRAM

LB Exploration Incorporated
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Kingston #4
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Tool Information

Drill Pipe:	Length: 3410.00 ft	Diameter: 3.88 inches	Volume: 49.87 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: 50000.00 lb
			<u>Total Volume: 49.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3411.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 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
Shut In Tool	5.00			3389.00	
Hydraulic Tool	5.00			3394.00	
Jars	5.00			3399.00	
Safety Joint	2.00			3401.00	
Packer	5.00			3406.00	27.00 Bottom Of Top Packer
Packer	5.00			3411.00	
Anchor	46.00			3457.00	
Recorder	1.00	6749	Inside	3458.00	
Recorder	1.00	6999	Outside	3459.00	
Bullnose	3.00			3462.00	51.00 Bottom Packers & Anchor
Total Tool Length:	78.00				



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FLUID SUMMARY

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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:	49.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	11.19 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	6000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	0.073

Total Length: 5.00 ft Total Volume: 0.073 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

