



DRILL STEM TEST REPORT

Prepared For: **LB Exploration Incorporated**

2135 2ND Road
Hollyrood, Kansas 67450+9021

ATTN: Jim Musgrove

Kingston #3

34/16S/14W

Start Date: 2012.04.21 @ 14:00:00

End Date: 2012.04.21 @ 18:32:30

Job Ticket #: 17633 DST #: 1

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

Printed: 2012.04.21 @ 18:51:25

LB Exploration Incorporated
34/16S/14W
Kingston #3
DST # 1
Lansingj/Kansas City
2012.04.21



DRILL STEM TEST REPORT

LB Exploration Incorporated
 2135 2ND Road
 Hollyrood, Kansas 67450+9021
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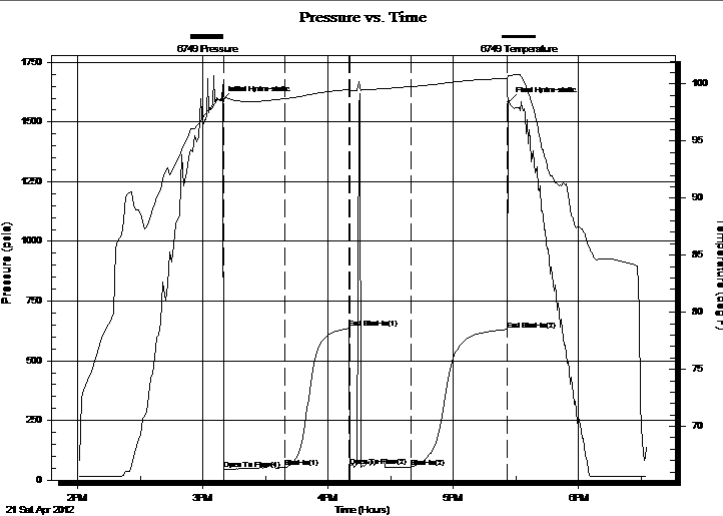
34/16S/14W
Kingston #3
 Job Ticket: 17633 **DST#: 1**
 Test Start: 2012.04.21 @ 14:00:00

GENERAL INFORMATION:

Formation: **Lansingj/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:10:00
 Time Test Ended: 18:32:30
 Interval: **3199.00 ft (KB) To 3240.00 ft (KB) (TVD)**
 Total Depth: 3230.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/40
 Reference Elevations: 1978.00 ft (KB)
 1971.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6749 Inside
 Press @ RunDepth: 55.12 psia @ 3236.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.04.21 End Date: 2012.04.21 Last Calib.: 2012.04.21
 Start Time: 14:00:00 End Time: 18:32:30 Time On Btm: 2012.04.21 @ 15:09:00
 Time Off Btm: 2012.04.21 @ 17:26:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 3/4 inch then died back to 1/2 inch
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Didnt help
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1590.91	98.53	Initial Hydro-static
1	44.80	98.46	Open To Flow (1)
31	53.18	98.72	Shut-In(1)
61	635.58	99.52	End Shut-In(1)
62	57.95	99.23	Open To Flow (2)
91	55.12	99.78	Shut-In(2)
137	630.84	100.50	End Shut-In(2)
138	1583.67	100.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud w ith show of oil/ Mud 100%	0.44

Gas Rates

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



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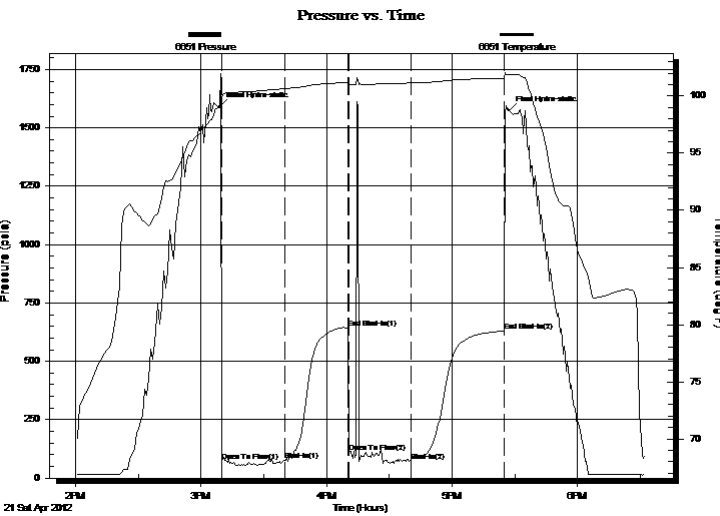
34/16S/14W
Kingston #3
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 Unit No: 3325 Great Bend/40
 Reference Elevations: 1978.00 ft (KB)
 1971.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6651 Outside
 Press @ RunDepth: 630.79 psia @ 3237.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.04.21 End Date: 2012.04.21 Last Calib.: 2012.04.21
 Start Time: 14:00:00 End Time: 18:32:00 Time On Btm: 2012.04.21 @ 15:09:00
 Time Off Btm: 2012.04.21 @ 17:27:00

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 3/4 inch then died back to 1/2 inch
 1ST Shut In 30 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Didnt help
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1591.12	99.16	Initial Hydro-static
1	70.75	99.79	Open To Flow (1)
31	76.04	100.65	Shut-In(1)
61	641.56	101.18	End Shut-In(1)
62	109.59	100.98	Open To Flow (2)
92	72.57	101.14	Shut-In(2)
136	630.79	101.56	End Shut-In(2)
138	1574.48	101.86	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	Mud w ith show of oil in tool/ Mud 100%	0.44

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

LB Exploration Incorporated
 2135 2ND Road
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34/16S/14W
Kingston #3
 Job Ticket: 17633 **DST#: 1**
 Test Start: 2012.04.21 @ 14:00:00

Tool Information

Drill Pipe:	Length: 3206.00 ft	Diameter: 3.88 inches	Volume: 46.89 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: 46.89 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3199.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	61.00 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			3184.00	
Hydraulic Tool	5.00			3189.00	
Packer	5.00			3194.00	20.00 Bottom Of Top Packer
Packer	5.00			3199.00	
Anchor	36.00			3235.00	
Recorder	1.00	6749	Inside	3236.00	
Recorder	1.00	6651	Outside	3237.00	
Bullnose	3.00			3240.00	41.00 Bottom Packers & Anchor

Total Tool Length: 61.00



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FLUID SUMMARY

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Test Start: 2012.04.21 @ 14:00:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud with show of oil in tool/ Mud 100%	0.439

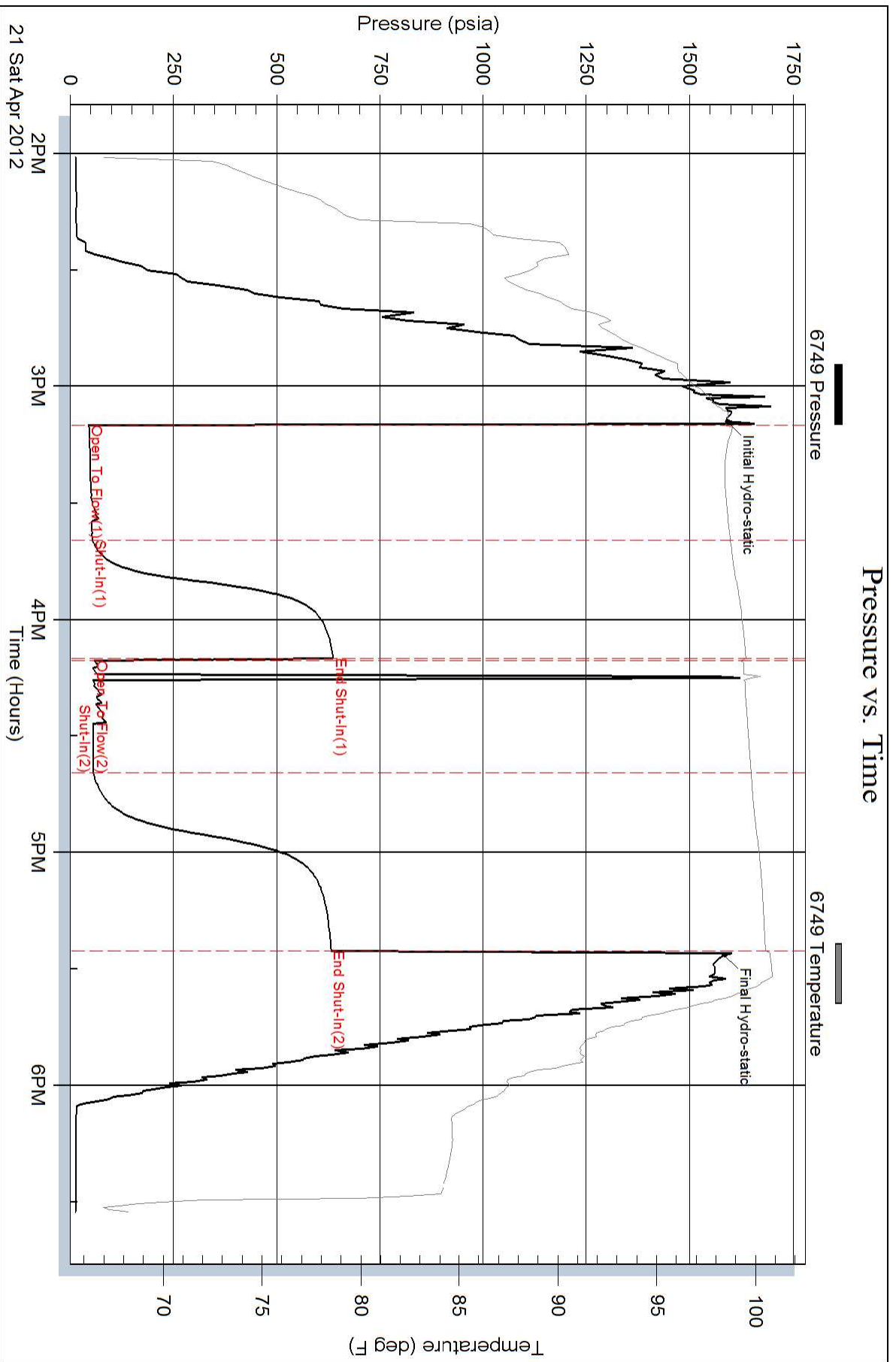
Total Length: 30.00 ft Total Volume: 0.439 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time

