



## DRILL STEM TEST REPORT

Prepared For: **LB Exploration Inc**

2135 2nd RD Holyrood KS 67450

ATTN:

**Alexis #1**

**10-18-15 barton**

Start Date: 2012.07.18 @ 10:07:00

End Date: 2012.07.18 @ 13:31:00

Job Ticket #: 17367                      DST #: 3

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

Printed: 2012.07.18 @ 13:49:25



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**Alexis #1**  
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 Test Start: 2012.07.18 @ 10:07:00

## GENERAL INFORMATION:

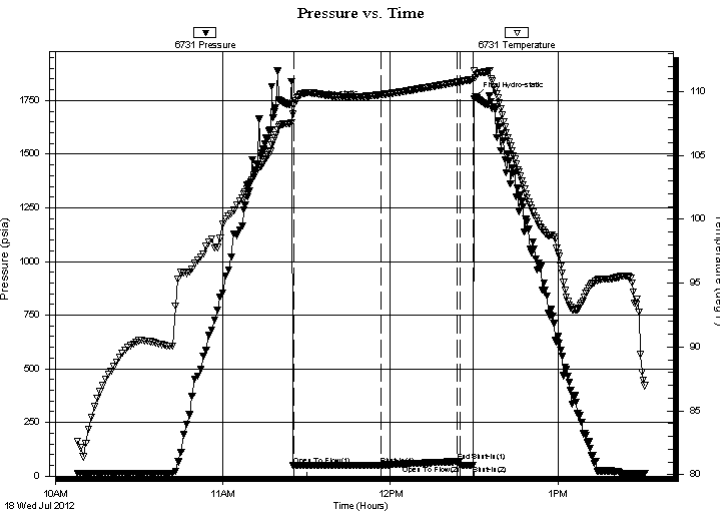
Formation: **Arbuckle**  
 Deviated: No Whipstock:      ft (KB)  
 Time Tool Opened: 11:25:30  
 Time Test Ended: 13:31:00  
**Interval: 3485.00 ft (KB) To 3528.00 ft (KB) (TVD)**  
 Total Depth: 3528.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-GreatBend-  
 Reference Elevations: 1958.00 ft (KB)  
 1951.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 6731

Press @ RunDepth: 50.92 psia @      ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.07.18      End Date: 2012.07.18      Last Calib.: 2012.07.18  
 Start Time: 10:07:00      End Time: 13:31:00      Time On Btm: 2012.07.18 @ 11:24:00  
 Time Off Btm: 2012.07.18 @ 12:30:30

**TEST COMMENT:** 1st Opening 30 Minutes-Weak blow built 1 inch into w ater died off after 16 minutes  
 1st Shut-in 30 Minutes-No blow back  
 2nd Opening 5 Minutes-Very weak surge died off pulled tool  
 2nd Shut-in Pulled tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1729.63	107.51	Initial Hydro-static
2	49.96	108.98	Open To Flow (1)
33	50.92	109.76	Shut-In(1)
60	68.23	110.75	End Shut-In(1)
61	50.78	110.78	Open To Flow (2)
66	50.85	110.96	Shut-In(2)
67	1768.64	111.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud	0.14

## Gas Rates

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





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**TOOL DIAGRAM**

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**Tool Information**

Drill Pipe:	Length: 3487.00 ft	Diameter: 3.80 inches	Volume: 48.91 bbl	Tool Weight:	1000.00 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: 48.91 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3485.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	43.00 ft				
Tool Length:	63.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	3470.00	
Hydraulic Tool	5.00			3475.00	
Packer	5.00			3480.00	20.00      Bottom Of Top Packer
Packer	5.00			3485.00	
Anchor	38.00			3523.00	
Recorder	1.00	6731	Inside	3524.00	
Recorder	1.00	8159	Outside	3525.00	
Bullnose	3.00			3528.00	43.00      Bottom Packers & Anchor

**Total Tool Length: 63.00**



# DRILL STEM TEST REPORT

## 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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 9000.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

