



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC  
 2020 N. Bramblewood  
 Wichita, KS 67206  
 ATTN: Pete Vollmer

**26/1s/36w Rawlins KS**  
**Lillie #1-26**  
 Job Ticket: 55019 **DST#: 3**  
 Test Start: 2013.11.14 @ 18:40:00

## GENERAL INFORMATION:

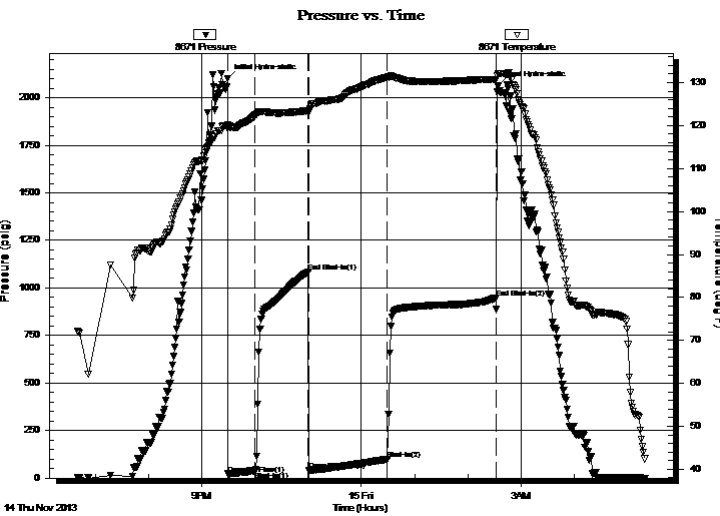
Formation: **LKC "B"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:29:30  
 Time Test Ended: 05:20:15  
 Interval: **4210.00 ft (KB) To 4256.00 ft (KB) (TVD)**  
 Total Depth: 4256.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: James Winder  
 Unit No: 150  
 Reference Elevations: 3264.00 ft (KB)  
 3251.00 ft (CF)  
 KB to GR/CF: 13.00 ft

## Serial #: 8671

Inside

Press@RunDepth: 99.27 psig @ 4211.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.11.14 End Date: 2013.11.15 Last Calib.: 2012.11.15  
 Start Time: 18:40:05 End Time: 05:20:15 Time On Btm: 2013.11.14 @ 21:29:15  
 Time Off Btm: 2013.11.15 @ 02:34:15

TEST COMMENT: 30 - IF: Blow built to 2"  
 60 - ISI: No blow back  
 90 - FF: Blow started at 15 min., built to 5 1/4"  
 120 - FSI: No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2102.34	120.09	Initial Hydro-static
1	22.13	119.34	Open To Flow (1)
31	37.65	122.40	Shut-In(1)
91	1083.26	123.45	End Shut-In(1)
92	41.38	122.96	Open To Flow (2)
180	99.27	131.19	Shut-In(2)
303	948.61	130.76	End Shut-In(2)
305	2062.97	132.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
155.00	OCM 83% m, 14% o, 3% g	0.76
20.00	SMCO 91% o, 8% m, 1% g	0.10

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco, LLC

**26/1s/36w Rawlins KS**

2020 N. Bramblewood  
Wichita, KS 67206

**Lillie #1-26**

Job Ticket: 55019

**DST#: 3**

ATTN: Pete Vollmer

Test Start: 2013.11.14 @ 18:40:00

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 58.00 sec/qt  
Water Loss: 6.80 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 2400.00 ppm  
Filter Cake: 2.00 inches

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

Oil API: deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	OCM 83% <i>m</i> , 14% <i>o</i> , 3% <i>g</i>	0.762
20.00	SMCO 91% <i>o</i> , 8% <i>m</i> , 1% <i>g</i>	0.098

Total Length: 175.00 ft      Total Volume: 0.860 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: Too cold to check gravity - I'll try again when I come back for next test

