



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

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

**35 - 1S - 36W Rawlins KS**  
**Kenneth #1-35**  
Job Ticket: 55958 **DST#: 2**  
Test Start: 2014.01.28 @ 21:02:00

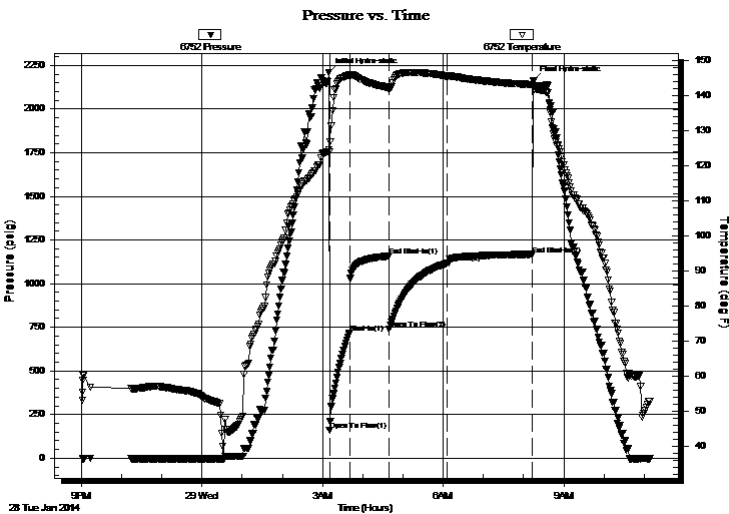
## GENERAL INFORMATION:

Formation: **LKC " A - B "**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 03:10:20  
Time Test Ended: 11:08:40  
Interval: **4284.00 ft (KB) To 4340.00 ft (KB) (TVD)**  
Total Depth: 4340.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: 58  
Unit No: Ryan Nichols  
Reference Elevations: 3326.00 ft (KB)  
3313.00 ft (CF)  
KB to GR/CF: 13.00 ft

**Serial #: 6752 Inside**  
Press@RunDepth: 1116.84 psig @ 4285.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2014.01.28 End Date: 2014.01.29 Last Calib.: 2014.01.29  
Start Time: 21:02:01 End Time: 11:08:40 Time On Btm: 2014.01.29 @ 03:10:00  
Time Off Btm: 2014.01.29 @ 08:14:40

TEST COMMENT: 30 IF - BoB @ 1 min  
60 ISI - No return  
60 FF - BoB @ 1 min  
120 FSI - No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.20	124.65	Initial Hydro-static
1	160.90	124.19	Open To Flow (1)
30	715.71	145.98	Shut-In(1)
89	1158.14	142.30	End Shut-In(1)
90	739.02	142.01	Open To Flow (2)
177	1116.84	145.65	Shut-In(2)
303	1165.99	143.23	End Shut-In(2)
305	2160.79	142.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1935.00	MCW - 2%M - 98%W	22.31
186.00	MCW - 20%M - 80%W	2.61
279.00	MCW - 35%M - 65%W	3.91
40.00	OWCM - 5%o - 25%W - 70%M	0.56

\* Recovery from multiple tests

## Gas Rates

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



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## FLUID SUMMARY

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### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 40.00 sec/qt  
Water Loss: 7.99 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1800.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: 22000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1935.00	MCW - 2%M - 98%W	22.306
186.00	MCW - 20%M - 80%W	2.609
279.00	MCW - 35%M - 65%W	3.914
40.00	OWCM - 5%o - 25%W - 70%M	0.561

Total Length: 2440.00 ft      Total Volume: 29.390 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: RW = .444 @ 51 DEG F  
CHLORIDES = 22,000 PPM

### Pressure vs. Time

