



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N. Bramblewood  
Wichita KS 67206 1094  
ATTN: Bryan Bynog

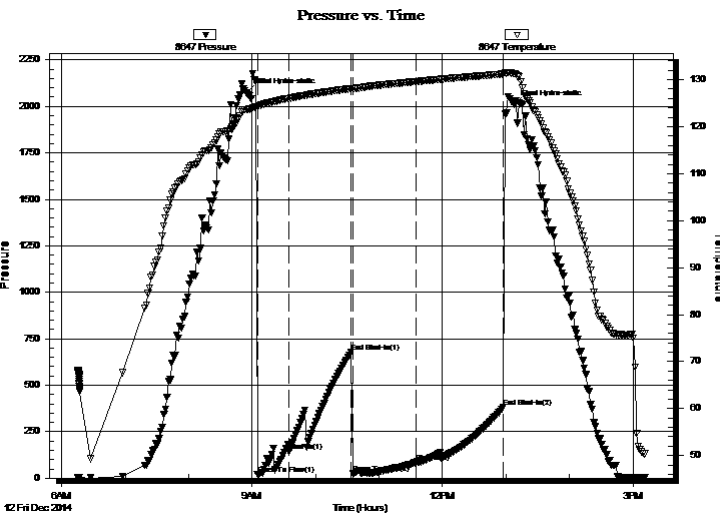
**4-1s-36w Rawlins,KS**  
**Moser #5-4**  
Job Ticket: 61050 **DST#: 5**  
Test Start: 2014.12.12 @ 06:15:00

## GENERAL INFORMATION:

Formation: **LKC "E"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 09:05:00  
Time Test Ended: 15:12:00  
Interval: **4165.00 ft (KB) To 4220.00 ft (KB) (TVD)**  
Total Depth: 4220.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Brandon Quintana  
Unit No: 57  
Reference Elevations: 3066.00 ft (KB)  
3055.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8647 Inside**  
Press@RunDepth: 84.63 psig @ 4166.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2014.12.12 End Date: 2014.12.12 Last Calib.: 2014.12.12  
Start Time: 06:15:01 End Time: 15:12:00 Time On Btm: 2014.12.12 @ 08:54:30  
Time Off Btm: 2014.12.12 @ 13:08:00

**TEST COMMENT:** 30 - IF - Opened w/ surface blow , built to 3/4" & died back to 1/2"  
60 - ISI - No Return  
60 - FF - No Blow  
90 - FSI - No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2072.34	123.63	Initial Hydro-static
11	20.47	124.28	Open To Flow (1)
41	142.90	126.05	Shut-In(1)
99	676.62	128.11	End Shut-In(1)
101	23.68	128.06	Open To Flow (2)
161	84.63	129.61	Shut-In(2)
243	380.15	131.22	End Shut-In(2)
254	2009.01	131.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% mud w/ oil spots	0.02

## Gas Rates

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



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## FLUID SUMMARY

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Job Ticket: 61050

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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: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% mud w / oil spots	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

