



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco, LLC.

**21/1s/36w**

2020 N. Bramlewood  
Wichita, KS 67206

**Judy #1-21**

Job Ticket: 62268

**DST#: 2**

ATTN: Bryan Bynog

Test Start: 2015.04.13 @ 11:23:00

## GENERAL INFORMATION:

Formation: **LKC "B&C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:55:00

Time Test Ended: 21:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Quintana

Unit No: 57

**Interval: 4205.00 ft (KB) To 4335.00 ft (KB) (TVD)**

Reference Elevations: 3246.00 ft (KB)

Total Depth: 4335.00 ft (KB) (TVD)

3235.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8647**

**Inside**

Press@RunDepth: 178.08 psig @ 4206.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.04.13

End Date:

2015.04.13

Last Calib.:

2015.04.13

Start Time: 11:23:01

End Time:

21:08:00

Time On Btm:

2015.04.13 @ 13:53:30

Time Off Btm:

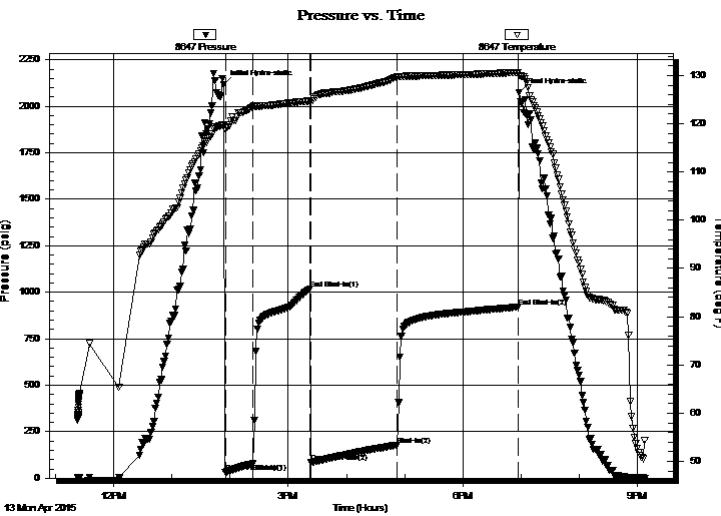
2015.04.13 @ 18:58:00

**TEST COMMENT:** 30 - IF - Opened w/ surface blow , built to 2"

60 - ISI - No Return

60 - FF - Blow built to 4 1/2"

90 - FSI - No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2115.60	119.56	Initial Hydro-static
2	30.04	119.07	Open To Flow (1)
30	77.39	123.50	Shut-In(1)
89	1018.65	124.72	End Shut-In(1)
90	82.59	124.66	Open To Flow (2)
179	178.08	129.64	Shut-In(2)
303	921.35	130.63	End Shut-In(2)
305	2074.79	130.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
205.00	MW 60%w , 40%w w / oil spots through	1.01
150.00	100% mud	0.74

## Gas Rates

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



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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: 42.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
205.00	MW 60%w , 40% m w / oil spots throughtout	1.008
150.00	100% mud	0.738

Total Length: 355.00 ft      Total Volume: 1.746 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .216 @ 56F Chlorides 42000 ppm

### Pressure vs. Time

