



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC.

**22-1s-36w Rawlins, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Michael #4-22**

Job Ticket: 53399

**DST#: 4**

ATTN: Pete Vollmer

Test Start: 2014.03.03 @ 10:30:00

## GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:32:00

Time Test Ended: 20:36:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

**Interval: 4204.00 ft (KB) To 4270.00 ft (KB) (TVD)**

Reference Elevations: 3186.00 ft (KB)

Total Depth: 4270.00 ft (KB) (TVD)

3173.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 8874**

**Inside**

Press @ Run Depth: 314.91 psig @ 4205.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.03

End Date:

2014.03.03

Last Calib.:

2014.03.03

Start Time: 10:31:00

End Time:

20:36:30

Time On Btm:

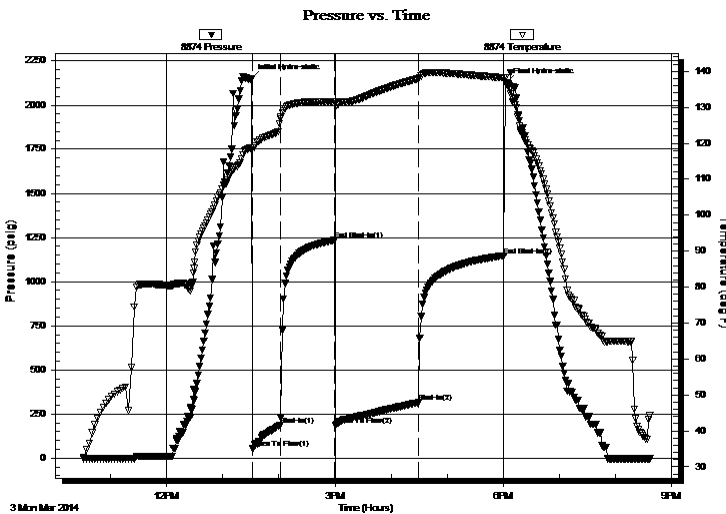
2014.03.03 @ 13:30:30

Time Off Btm:

2014.03.03 @ 18:03:00

**TEST COMMENT:** 30 - IF- BoB in 17 min.  
60 - IS- Surface Return built to 5 1/4"  
90 - FF- BoB in 15 min  
120 - FS- Surface Return built to BoB in 33 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2147.87	118.84	Initial Hydro-static
2	54.10	118.81	Open To Flow (1)
31	186.44	126.90	Shut-In(1)
89	1234.34	131.52	End Shut-In(1)
90	186.57	131.02	Open To Flow (2)
179	314.91	137.98	Shut-In(2)
270	1147.81	138.24	End Shut-In(2)
273	2126.46	136.57	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
182.00	GMCO 20G 50o 30M	0.90
273.00	GMCO 40G 50o 10M	1.34
365.00	Clean Gassy Oil 30G 70o	4.45
0.00	855 GIP	0.00

## 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:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
182.00	GMCO 20G 50o 30M	0.895
273.00	GMCO 40G 50o 10M	1.343
365.00	Clean Gassy Oil 30G 70o	4.455
0.00	855 GIP	0.000

Total Length: 820.00 ft      Total Volume: 6.693 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 32 @ 60 deg = 32 cor.

