



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC.

23-1S-36W Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #3-23

Job Ticket: 56958

DST#: 3

ATTN: Pete Vollmer

Test Start: 2014.03.14 @ 23:47:00

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:40:00

Time Test Ended: 08:19:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4218.00 ft (KB) To 4278.00 ft (KB) (TVD)

Total Depth: 4278.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3272.00 ft (KB)

3259.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8874 Inside

Press @ Run Depth: 136.42 psig @ 4219.00 ft (KB)

Start Date: 2014.03.14

End Date:

2014.03.15

Start Time: 23:48:00

End Time:

08:19:30

Capacity: 8000.00 psig

Last Calib.: 2014.03.15

Time On Btm: 2014.03.15 @ 02:38:00

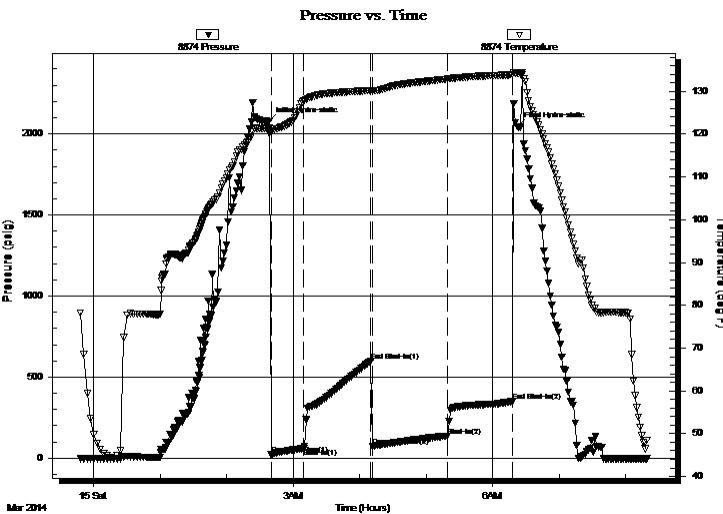
Time Off Btm: 2014.03.15 @ 06:22:00

TEST COMMENT: 30 - IF- 1/4" Blow died in 7 min.

60 - IS- No Return

60 - FF- No Blow

60 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.75	121.43	Initial Hydro-static
2	21.70	120.67	Open To Flow (1)
32	61.32	127.69	Shut-In(1)
92	598.57	130.21	End Shut-In(1)
94	72.37	130.07	Open To Flow (2)
161	136.42	132.86	Shut-In(2)
220	349.47	133.85	End Shut-In(2)
224	2043.43	134.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	OSM 100M (oil spots)	0.89
20.00	OCM 10o 90M	0.10

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

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

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 bbl
180.00	OSM 100M (oil spots)	0.885
20.00	OCM 10o 90M	0.098

Total Length: 200.00 ft Total Volume: 0.983 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

