



**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: 56957

DST#: 2

ATTN: Pete Vollmer

Test Start: 2014.03.14 @ 07:00:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:00

Time Test Ended: 14:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4146.00 ft (KB) To 4234.00 ft (KB) (TVD)

Reference Elevations: 3272.00 ft (KB)

Total Depth: 4234.00 ft (KB) (TVD)

3259.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8874

Inside

Press @ Run Depth: 25.95 psig @ 4147.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.14

End Date:

2014.03.14

Last Calib.:

2014.03.14

Start Time: 07:01:00

End Time:

14:18:00

Time On Btm:

2014.03.14 @ 08:47:50

Time Off Btm:

2014.03.14 @ 12:22:30

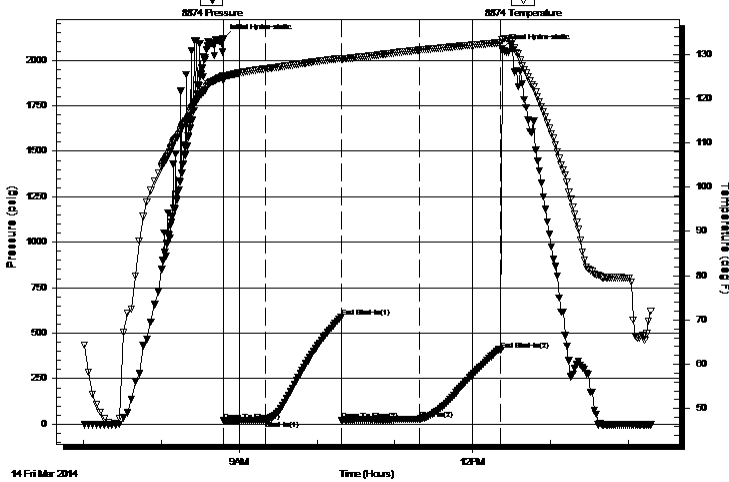
TEST COMMENT: 30 - IF- 1/2" Blow died in 10 min.

60 - IS- No Return

60 - FF- No Blow

60 - FS- No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.13	125.17	Initial Hydro-static
1	18.25	123.99	Open To Flow (1)
33	21.34	126.71	Shut-In(1)
91	589.63	129.07	End Shut-In(1)
92	23.04	128.90	Open To Flow (2)
151	25.95	130.96	Shut-In(2)
214	406.75	132.61	End Shut-In(2)
215	2064.61	133.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100M	0.05

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2014.03.14 @ 07:00:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 90.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

