



**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: 56956

DST#: 1

ATTN: Pete Vollmer

Test Start: 2014.03.13 @ 07:10:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:24:00

Time Test Ended: 15:56:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4058.00 ft (KB) To 4112.00 ft (KB) (TVD)

Reference Elevations: 3272.00 ft (KB)

Total Depth: 4112.00 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@RunDepth: 52.08 psig @ 4059.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.13

End Date:

2014.03.13

Last Calib.:

2014.03.13

Start Time: 07:11:00

End Time:

15:56:00

Time On Btm:

2014.03.13 @ 09:20:00

Time Off Btm:

2014.03.13 @ 14:04:30

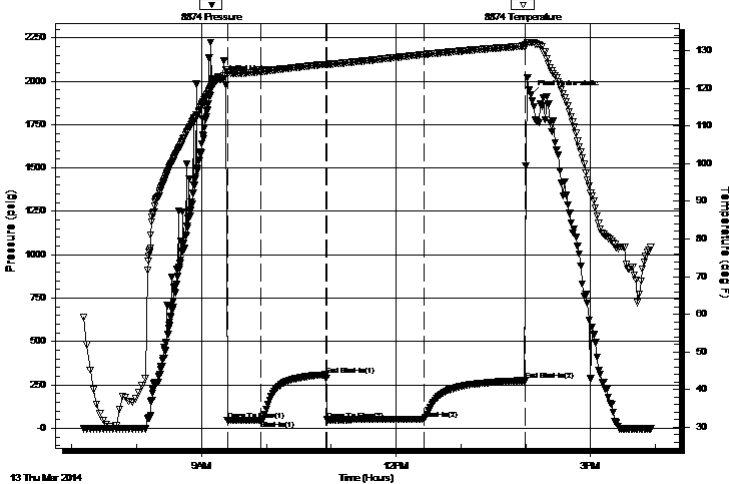
TEST COMMENT: 30 - IF - Surface Blow died in 5 min.

60 - ISI - No Return

90 - FF - No Blow

90 - FSI - No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2007.28	122.61	Initial Hydro-static
4	45.77	124.39	Open To Flow (1)
35	47.79	124.44	Shut-In(1)
95	308.39	126.40	End Shut-In(1)
96	48.52	126.35	Open To Flow (2)
186	52.08	128.97	Shut-In(2)
279	274.56	131.24	End Shut-In(2)
285	1924.13	132.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud 100M	0.25

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2014.03.13 @ 07:10:00

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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Mud 100M	0.246

Total Length: 50.00 ft Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8874

Inside

Berexco, LLC.

Michael #3-23

DST Test Number: 1

