



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Culbreath Oil & Gas

3-5S-35W Rawlins KS

3501 S. Yale Ave
Tulsa Ok 74135

Tom/Kelly Dewey #1-3

ATTN: Anthony Luna

Job Ticket: 62770

DST#: 2

Test Start: 2015.08.24 @ 17:20:00

GENERAL INFORMATION:

Formation: **LKC " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:24:50

Time Test Ended: 22:40:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 78

Interval: 4070.00 ft (KB) To 4090.00 ft (KB) (TVD)

Reference Elevations: 3150.00 ft (KB)

Total Depth: 4090.00 ft (KB) (TVD)

3145.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6752

Inside

Press @ Run Depth: 19.00 psig @ 4071.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.24

End Date: 2015.08.24

Last Calib.: 2015.08.24

Start Time: 17:20:01

End Time: 22:40:10

Time On Btm: 2015.08.24 @ 19:24:40

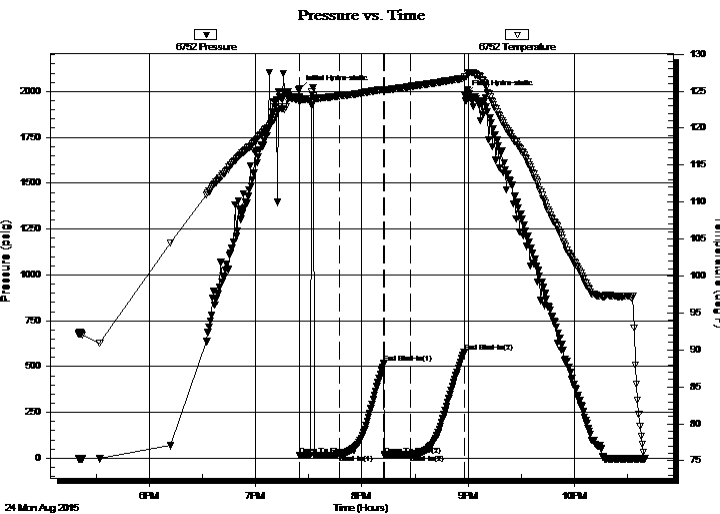
Time Off Btm: 2015.08.24 @ 20:58:10

TEST COMMENT: 18 IF - Surface blow died @ 2 mins, flushed tool no blow

30 ISI - No return

15 FF - No blow

30 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2012.77	124.18	Initial Hydro-static
1	14.68	123.50	Open To Flow (1)
23	22.52	124.34	Shut-In(1)
48	518.30	125.25	End Shut-In(1)
48	17.85	125.11	Open To Flow (2)
63	19.00	125.62	Shut-In(2)
93	576.91	126.72	End Shut-In(2)
94	1981.15	126.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud 100% _m	0.01

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2015.08.24 @ 17:20:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Mud 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

