



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: 62769

DST#: 1

Test Start: 2015.08.24 @ 00:31:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:53:00

Time Test Ended: 06:46:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 78

Interval: 4000.00 ft (KB) To 4044.00 ft (KB) (TVD)

Reference Elevations: 3150.00 ft (KB)

Total Depth: 4044.00 ft (KB) (TVD)

3145.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8322 Outside

Press@RunDepth: 18.34 psig @ 4001.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.24

End Date:

2015.08.24

Last Calib.: 2015.08.24

Start Time: 00:31:01

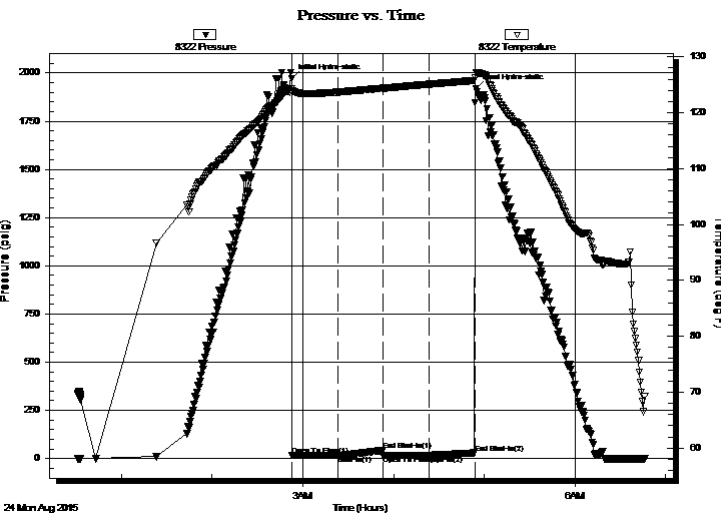
End Time:

06:46:30

Time On Btm: 2015.08.24 @ 02:52:50

Time Off Btm: 2015.08.24 @ 04:54:39

TEST COMMENT: 30 IF - Surface blow died @ 12 mins
30 ISI - No return
30 FF - No blow
30 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.92	124.37	Initial Hydro-static
1	15.48	123.69	Open To Flow (1)
31	17.49	123.69	Shut-In(1)
60	41.37	124.38	End Shut-In(1)
60	16.85	124.37	Open To Flow (2)
91	18.34	125.10	Shut-In(2)
121	29.28	125.77	End Shut-In(2)
122	1918.39	127.22	Final Hydro-static

Recovery

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

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: 52.00 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%	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:

