



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tyluka Operations LLC

7/17S/13W/Barton

PO Box 1213
Hays, Kansas
67601

ATTN: Jeremy Schwartz

Trense #1-7

Job Ticket: 65094

DST#: 2

Test Start: 2016.06.08 @ 04:07:01

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:41:01

Time Test Ended: 08:33:01

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Great Bend/34

Interval: 3366.00 ft (KB) To 3458.00 ft (KB) (TVD)

Reference Elevations: 1995.00 ft (KB)

Total Depth: 3458.00 ft (KB) (TVD)

1987.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6741

Inside

Press@RunDepth: 62.00 psig @ 3454.39 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.06.08

End Date:

2016.06.08

Last Calib.:

2016.06.08

Start Time:

04:07:06

End Time:

08:33:00

Time On Btm:

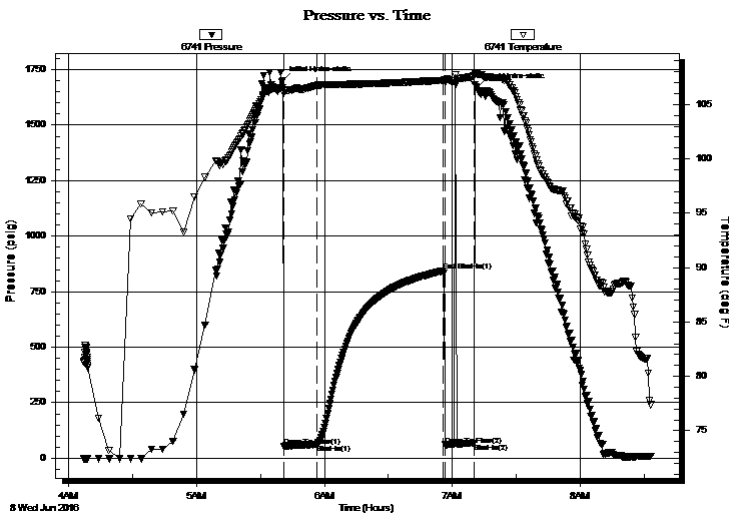
2016.06.08 @ 05:40:31

Time Off Btm:

2016.06.08 @ 07:11:31

TEST COMMENT: I.F. 15 minutes/Weak blow built to 1 1/4 inch
I.S.I 60 minutes/no blow back
F.F. 15 minutes/no blow flush tool no help/pull test

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1699.34	106.58	Initial Hydro-static
1	53.58	105.97	Open To Flow (1)
16	62.00	106.75	Shut-In(1)
75	843.01	107.22	End Shut-In(1)
76	59.92	107.09	Open To Flow (2)
90	66.81	107.60	Shut-In(2)
91	1667.68	107.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.07

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: bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 5400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

