



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc.
 1700 N. Waterfront Pkwy Bldg 300b
 Wichita, Kansas 67206
 ATTN: Ken LaBlanc

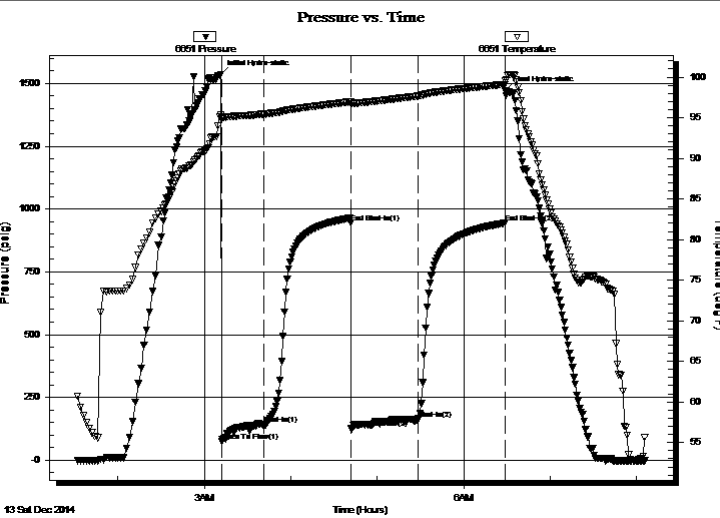
35-16s-11w Barton
Clafin #1-35
 Job Ticket: 62063 **DST#: 1**
 Test Start: 2014.12.13 @ 01:32:00

GENERAL INFORMATION:

Formation: **Lansing "A-B & C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:12:00
 Time Test Ended: 08:05:30
 Interval: **3088.00 ft (KB) To 3150.00 ft (KB) (TVD)**
 Total Depth: 3150.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 60-62
 Reference Elevations: 1939.00 ft (KB)
 1931.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6651 Outside
 Press@RunDepth: 161.46 psig @ 3144.89 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.13 End Date: 2014.12.13 Last Calib.: 2014.12.13
 Start Time: 01:32:00 End Time: 08:05:30 Time On Btm: 2014.12.13 @ 03:11:30
 Time Off Btm: 2014.12.13 @ 06:29:00

TEST COMMENT: 1st Openng 30 Minutes Weak building blow built to 3 1/2 inches
 1st Shut-In 60 Minutes
 2nd Openin 45 Minutes-Weak building blow built to 4 1/2 inches
 2nd Shut-In 60 Minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1536.18	95.31	Initial Hydro-static
1	74.50	94.88	Open To Flow (1)
30	144.28	95.44	Shut-In(1)
90	946.19	96.95	End Shut-In(1)
91	126.17	96.72	Open To Flow (2)
137	161.46	97.66	Shut-In(2)
197	943.78	99.11	End Shut-In(2)
198	1470.25	99.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Slightly oil and gas cut muddy water	0.28
0.00	3% Gas 2% Oil 75% Water 20% Mud	0.00
100.00	Heavy Oil cut muddy water	1.40
0.00	7% Gas 30% Oil 28% Water 35% Mud	0.00

Gas Rates

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



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FLUID SUMMARY

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Claflin #1-35

Job Ticket: 62063

DST#: 1

ATTN: Ken LaBlanc

Test Start: 2014.12.13 @ 01:32:00

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:

66000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	Slightly oil and gas cut muddy water	0.281
0.00	3% Gas 2% Oil 75% Water 20% Mud	0.000
100.00	Heavy Oil cut muddy water	1.403
0.00	7% Gas 30% Oil 28% Water 35% Mud	0.000

Total Length: 120.00 ft

Total Volume: 1.684 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

