DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Pfeifer Exploration, LLC
309 W. 40th
Hays KS, 67601
ATTN: Roger Moses

16-14s-16w Ellis KS
Stoppel #16-2
Job Ticket: 64880 **DST#: 1**
Test Start: 2015.11.23 @ 21:56:00

GENERAL INFORMATION:

Formation: **Toronto - F Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:40:45
Time Test Ended: 06:48:00

Interval: 3125.00 ft (KB) To 3227.00 ft (KB) (TVD)
Total Depth: 3227.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

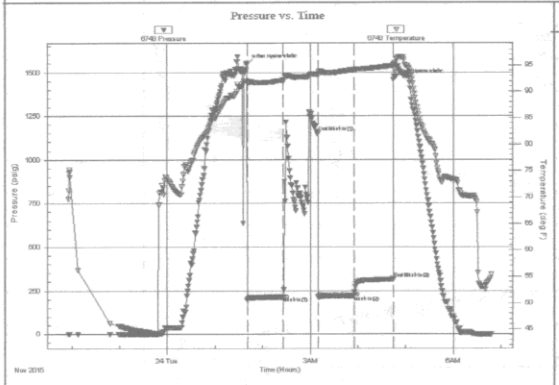
Test Type: Conventional Bottom Hole (Initial)
Tester: Cody Bloedorn
Unit No: 73

Reference Elevations: 1882.00 ft (KB)
1874.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6748 **Inside**
Press@RunDepth: 219.41 psig @ 3130.00 ft (KB)
Start Date: 2015.11.23 End Date: 2015.11.24
Start Time: 21:56:00 End Time: 06:48:00

Capacity: 8000.00 psig
Last Calib.: 2015.11.24
Time On Btm: 2015.11.24 @ 01:40:00
Time Off Btm: 2015.11.24 @ 04:44:45

TEST COMMENT: 45 - IF- 2" blow , stayed at 2"
45 - ISI- No return
45 - FF- 1 1/2" blow
45 - FSI- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1544.61	92.08	Initial Hydro-static
1	193.84	91.67	Open To Flow (1)
46	213.86	92.15	Shut-In(1)
90	1154.07	93.32	End Shut-In(1)
90	212.98	93.04	Open To Flow (2)
135	219.41	94.16	Shut-In(2)
185	316.29	94.88	End Shut-In(2)
185	1458.18	95.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
341.00	Mud - Oil spots, 100%M	4.51

Gas Rates

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