

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prater Oil & Gas Operations Inc.

36-30s-12w Barber,KS

906 William Way
Pratt, KS 67124

Herndon #4-36

Job Ticket: 52466

DST#: 1

ATTN: Ron Prater / Scott A

Test Start: 2013.10.29 @ 01:32:05

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:58:50

Time Test Ended: 09:37:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 48

Interval: **4234.00 ft (KB) To 4290.00 ft (KB) (TVD)**

Total Depth: 4290.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1436.00 ft (KB)

1427.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8790

Inside

Press@RunDepth: 46.92 psig @ 4235.00 ft (KB)

Start Date: 2013.10.29

End Date: 2013.10.29

Start Time: 01:32:10

End Time: 09:37:19

Capacity: 8000.00 psig

Last Calib.: 2013.10.29

Time On Btm: 2013.10.29 @ 03:56:05

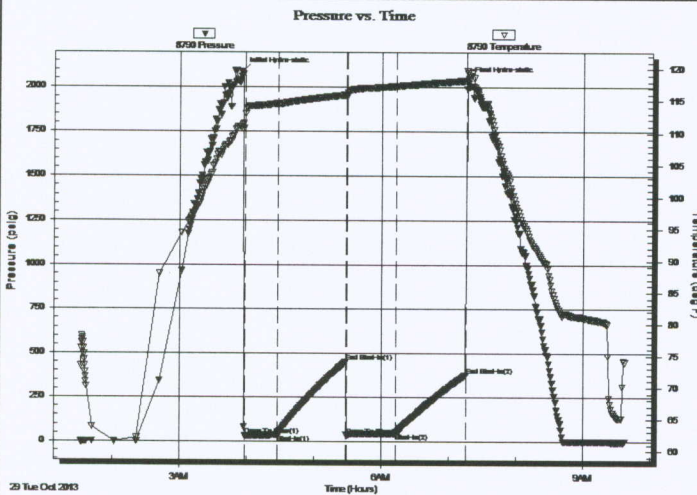
Time Off Btm: 2013.10.29 @ 07:16:05

TEST COMMENT: IF: Strong blow . BOB @ 2 min. No GTS.

IS: No blow

FF: Strong blow . BOB immed. No GTS.

FSI: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.04	111.32	Initial Hydro-static
3	31.17	112.98	Open To Flow (1)
32	36.68	114.55	Shut-In(1)
93	453.05	115.93	End Shut-In(1)
94	33.52	115.99	Open To Flow (2)
137	46.92	117.30	Shut-In(2)
199	378.42	118.21	End Shut-In(2)
200	2042.28	119.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	O spkd M trc%oil, 99%mud	0.34
0.00	1475' GIP (Hvy O sptd M in Hyd. tool)	0.00

Gas Rates

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