



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prarie Fire Petroleum, LLC.

PO Box 38
Norton, KS 67654

ATTN: Kevin Bailey

Dane Hansen Fnd.1-15

Job Ticket: 65316

DST#: 4

Test Start: 2016.04.14 @ 19:03:00

GENERAL INFORMATION:

Formation: **Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:27:50

Time Test Ended: 23:12:30

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 82

Interval: 3410.00 ft (KB) To 3420.00 ft (KB) (TVD)

Reference Elevations: 2197.00 ft (KB)

Total Depth: 3875.00 ft (KB) (TVD)

2192.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8653 Outside

Press@RunDepth: 993.57 psig @ 3411.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.04.14

End Date:

2016.04.14

Last Calib.:

2016.04.14

Start Time: 19:04:00

End Time:

23:12:30

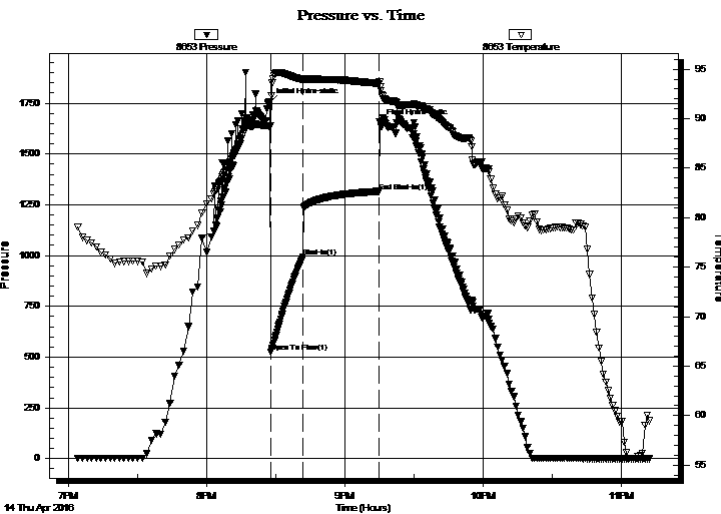
Time On Btm:

2016.04.14 @ 20:27:30

Time Off Btm:

2016.04.14 @ 21:15:30

TEST COMMENT: 15 - IF- BoB in 40 sec.
30 - ISI- Weak surface Return built to 1 1/2"
Pulled tools at end of ISI period.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1752.14	89.25	Initial Hydro-static
1	523.52	89.29	Open To Flow (1)
15	993.57	93.92	Shut-In(1)
48	1316.41	93.56	End Shut-In(1)
48	1651.65	93.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2020.00	MW 20% Mud 80% Water	28.34

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prarie Fire Petroleum, LLC.

PO Box 38
Norton, KS 67654

ATTN: Kevin Bailey

Dane Hansen Fnd.1-15

Job Ticket: 65316

DST#: 4

Test Start: 2016.04.14 @ 19:03:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 6.40 in³

Resistivity: 0.00 ohm.m

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 50000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2020.00	MW 20%Mud 80%Water	28.335

Total Length: 2020.00 ft Total Volume: 28.335 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .15 @ 70 deg. = 50,000ppm

