



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Jones Oil, LLC.

**13-23s-14w Stafford Co., Ks.**

112 N. Gray  
St. John, Ks. 67576

**Miller #1**

Job Ticket: 54149

**DST#: 4**

ATTN: Keaton Jones

Test Start: 2014.09.15 @ 16:56:48

## GENERAL INFORMATION:

Formation: **Viola**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:28:18  
 Time Test Ended: 00:20:48  
 Interval: **3865.00 ft (KB) To 3903.00 ft (KB) (TVD)**  
 Total Depth: 3540.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Matt Smith  
 Unit No: 53  
 Reference Elevations: 1908.00 ft (KB)  
 1903.00 ft (CF)  
 KB to GR/CF: 5.00 ft

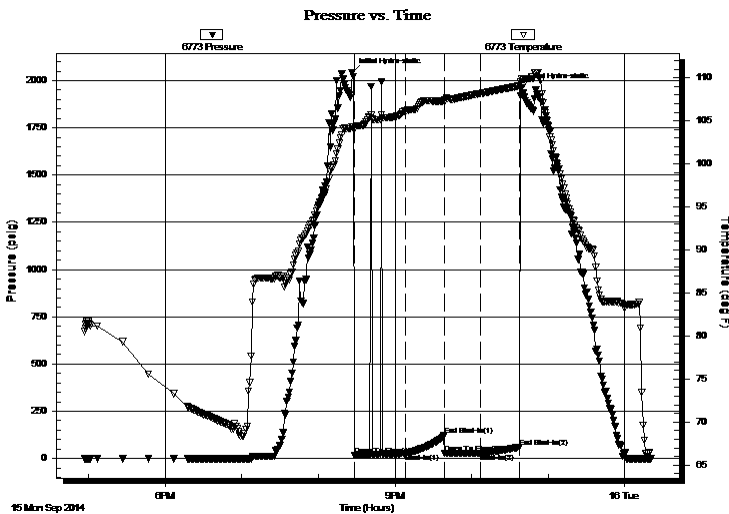
**Serial #: 6773**

**Inside**

Press @ Run Depth: 27.90 psig @ 3866.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.09.15 End Date: 2014.09.16 Last Calib.: 2014.09.16  
 Start Time: 16:56:53 End Time: 00:20:47 Time On Btm: 2014.09.15 @ 20:26:18  
 Time Off Btm: 2014.09.15 @ 22:39:18

**TEST COMMENT:** IF: Weak blow . Surf., - 1/4". Slid 1.5'. Flushed twice.  
 IS: No blow .  
 FF: Weak blow . Surf., -1/4". Dying back to 1/8".  
 FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2043.15	104.27	Initial Hydro-static
2	18.27	104.01	Open To Flow (1)
42	26.44	106.14	Shut-In(1)
73	121.38	107.32	End Shut-In(1)
73	27.01	107.30	Open To Flow (2)
101	27.90	108.17	Shut-In(2)
132	60.77	109.05	End Shut-In(2)
133	1963.63	109.86	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	GOCM 1%g 1%o 98%m	0.05

## Gas Rates

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

\* Recovery from multiple tests



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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:

7000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	GOCM 1%g 1%o 98%m	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

