



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: 54147

DST#: 2

ATTN: Keaton Jones

Test Start: 2014.09.13 @ 22:36:08

GENERAL INFORMATION:

Formation: **Lansing ' H'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:25:38

Time Test Ended: 06:37:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 3622.00 ft (KB) To 3640.00 ft (KB) (TVD)

Reference Elevations: 1908.00 ft (KB)

Total Depth: 3640.00 ft (KB) (TVD)

1903.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6773 Inside

Press @ Run Depth: 83.54 psig @ 3623.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.13

End Date:

2014.09.14

Last Calib.: 2014.09.14

Start Time: 22:36:13

End Time:

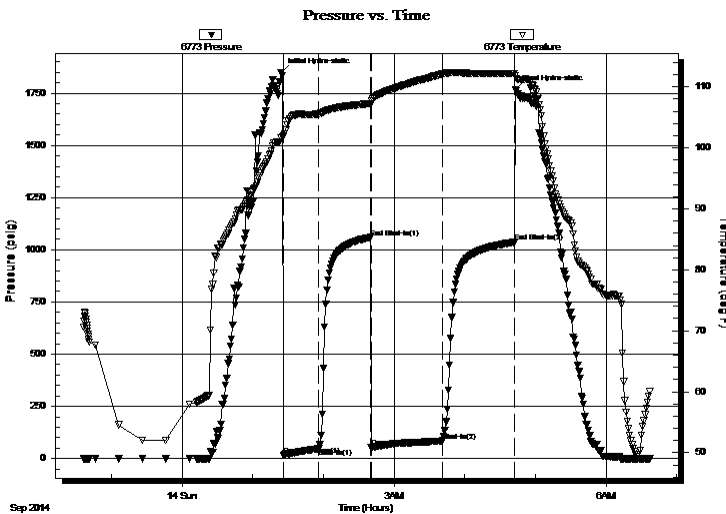
06:37:37

Time On Btm: 2014.09.14 @ 01:23:53

Time Off Btm: 2014.09.14 @ 04:42:53

TEST COMMENT: IF: Weak blow . Surf., - 3".
IS: No blow .
FF: Weak blow . Surf., - 3".
FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1849.74	101.62	Initial Hydro-static
2	16.56	101.80	Open To Flow (1)
32	47.56	105.60	Shut-In(1)
76	1059.14	107.29	End Shut-In(1)
77	52.15	107.23	Open To Flow (2)
137	83.54	112.10	Shut-In(2)
199	1036.01	112.20	End Shut-In(2)
199	1766.60	111.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MCW 10% m 90% w	0.30
60.00	SOMCW 10% m 90% w	0.30
20.00	SOMCW 15% m 85% w	0.25
0.00	RW .33 @ 49 = 32000 chlorides	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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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:

32000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	MCW 10%m 90%w	0.295
60.00	SOMCW 10%m 90%w	0.295
20.00	SOMCW 15%m 85%w	0.253
0.00	RW .33 @ 49 = 32000 chlorides	0.000

Total Length: 140.00 ft

Total Volume: 0.843 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .33 @ 49 degrees = 32,000 chlorides.

Pressure vs. Time

