



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Woolsey Operating Co.LLC

**18-35s-12w Barber,KS**

125 N Market  
Suite 1000  
Wichita, Ks. 67202  
ATTN: Blake Miller

**Mackey #1**

Job Ticket: 51937

**DST#: 2**

Test Start: 2014.02.24 @ 20:33:44

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 00:20:39

Time Test Ended: 07:24:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

**Interval: 4825.00 ft (KB) To 4870.00 ft (KB) (TVD)**

Reference Elevations: 1438.00 ft (KB)

Total Depth: 4870.00 ft (KB) (TVD)

1426.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 6773 Outside**

Press@RunDepth: 28.63 psig @ 4826.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.24

End Date:

2014.02.25

Last Calib.:

2014.02.24

Start Time: 20:33:44

End Time:

07:24:39

Time On Btm:

2014.02.25 @ 00:13:09

Time Off Btm:

2014.02.25 @ 04:59:54

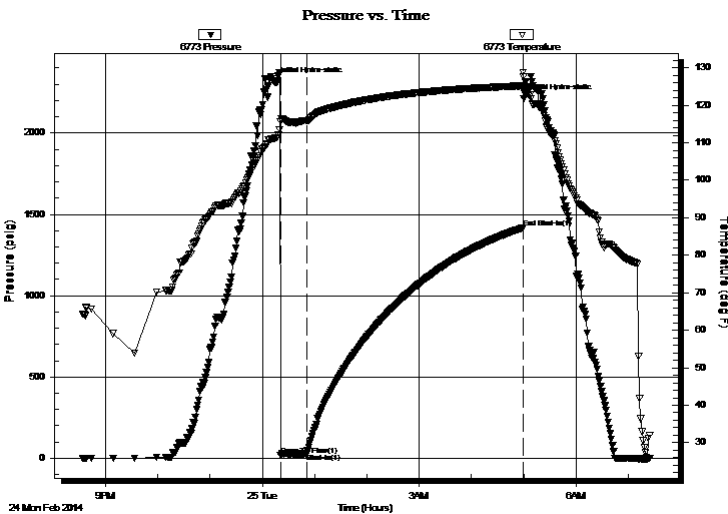
TEST COMMENT: IF: Strong blow . B. O. B. in 1 min.

IS: No blow .

FF: No blow .

FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2318.11	111.20	Initial Hydro-static
8	17.89	115.63	Open To Flow (1)
38	28.63	115.98	Shut-In(1)
286	1417.80	125.20	End Shut-In(1)
287	2211.47	127.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Dring mud 100%m	0.02

## Gas Rates

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

\* Recovery from multiple tests



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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: 2600 ppm

Viscosity: 59.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2600.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Dring mud 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

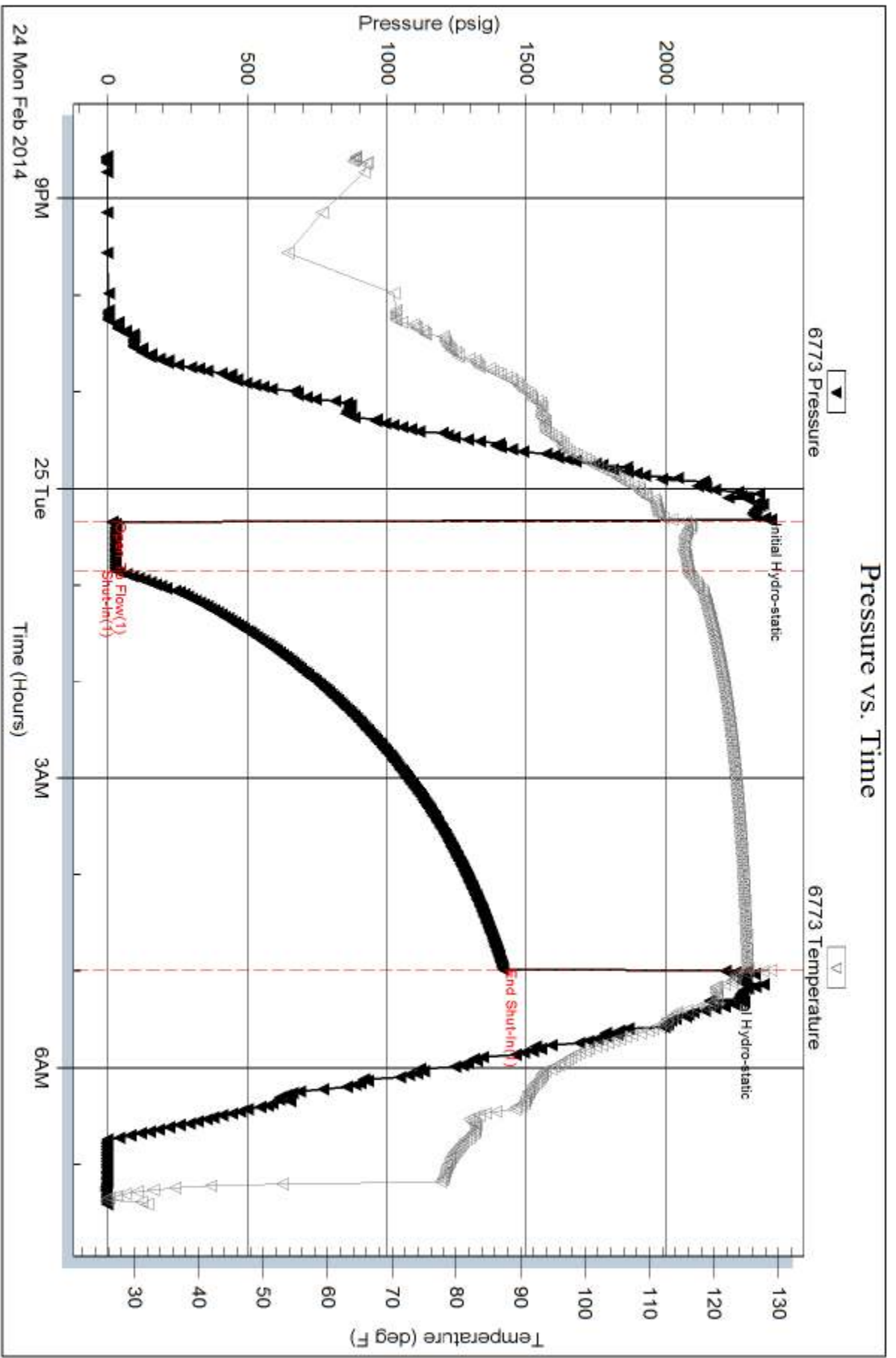
Recovery Comments: Tool plugged on 2nd open

Serial #: 6773

Outside Woodsey Operating Co.LLC

Mackey #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 51937

Printed: 2014.02.25 @ 08:24:08