



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

**4-18s-33w Scott Co. KS**

202 W Main St  
Salem IL 62881-1519

**Pammenter 1-4**

Job Ticket: 57009

**DST#: 1**

ATTN: Tim Priest

Test Start: 2014.05.23 @ 20:05:00

## GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:13:15

Time Test Ended: 03:52:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Jace McKinney

Unit No: 75

**Interval: 4578.00 ft (KB) To 4620.00 ft (KB) (TVD)**

Reference Elevations: 3034.00 ft (KB)

Total Depth: 4620.00 ft (KB) (TVD)

3024.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675 Inside**

Press @ Run Depth: 19.83 psig @ 4579.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.23

End Date:

2014.05.24

Last Calib.: 2014.05.24

Start Time: 20:05:15

End Time:

03:52:45

Time On Btm: 2014.05.23 @ 23:13:00

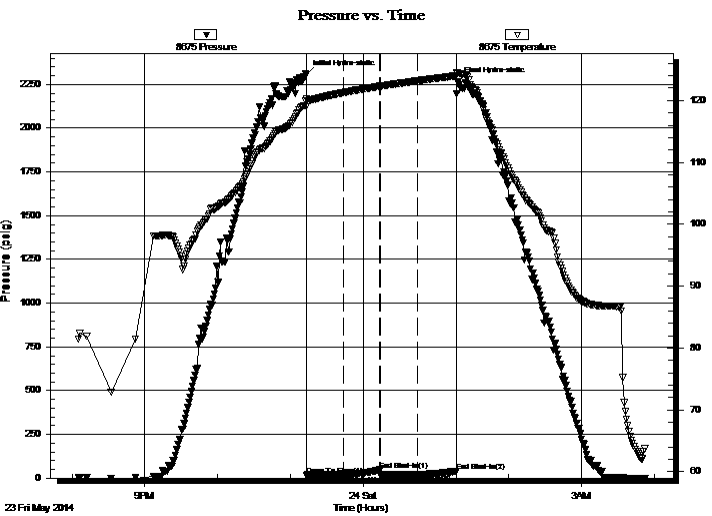
Time Off Btm: 2014.05.24 @ 01:18:00

**TEST COMMENT:** Built to 1/4" blow and stayed

No return blow

No blow

No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.40	120.31	Initial Hydro-static
1	17.85	119.05	Open To Flow (1)
31	18.50	121.28	Shut-In(1)
61	47.06	122.30	End Shut-In(1)
61	19.01	122.29	Open To Flow (2)
92	19.83	123.19	Shut-In(2)
124	39.42	124.00	End Shut-In(2)
125	2263.70	124.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.02

## Gas Rates

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



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**FLUID SUMMARY**

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Job Ticket: 57009

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Test Start: 2014.05.23 @ 20:05:00

## 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:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8675

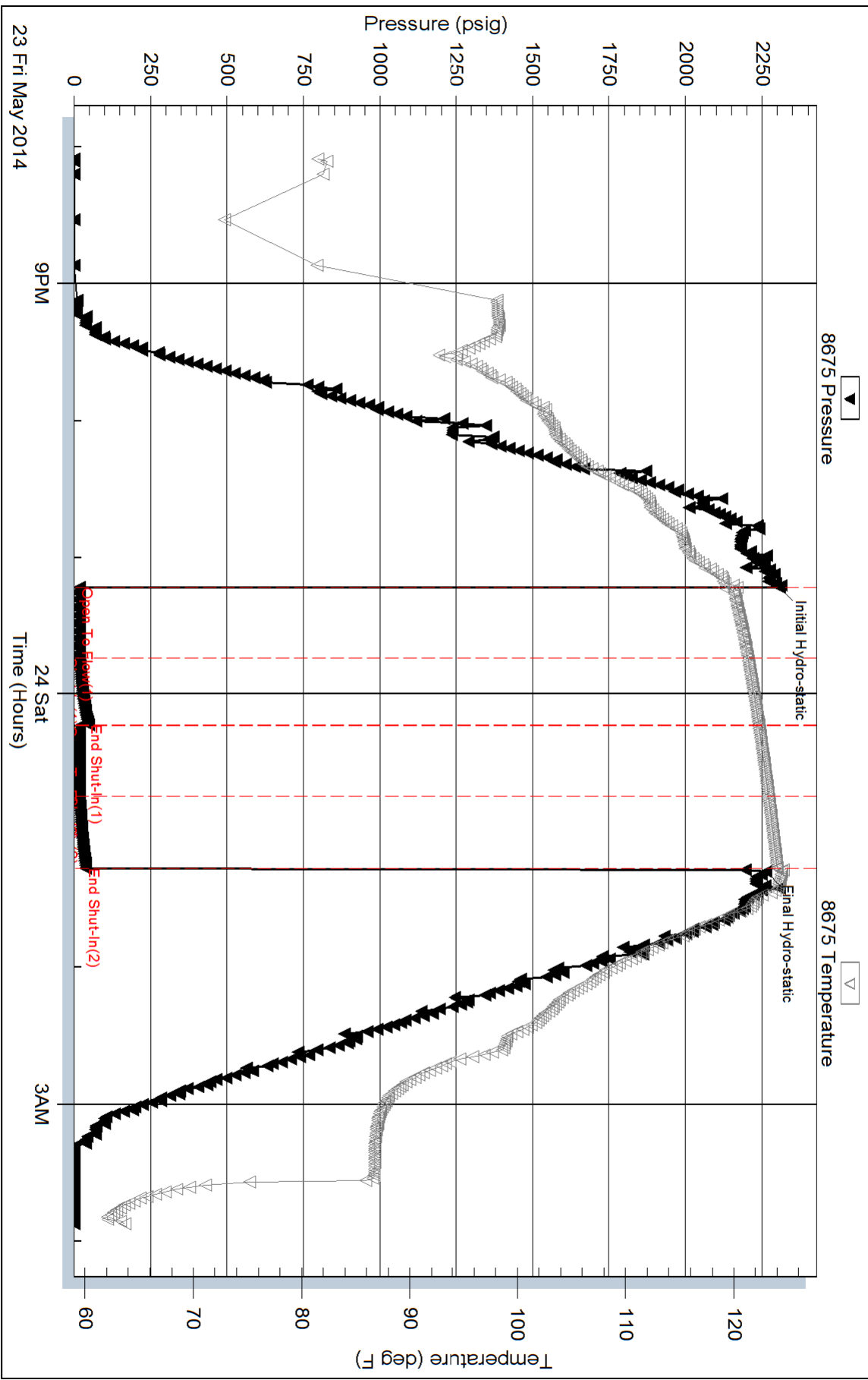
Inside

Shakespeare Oil Company, Inc.

Panmenter 1-4

DST Test Number: 1

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 57009

Printed: 2014.05.24 @ 06:34:53