



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**28-17s-31w**

202 W Main St.  
Salem IL 62881

**Habiger #1**

ATTN: Pat Deenihan

Job Ticket: 48392

**DST#: 7**

Test Start: 2012.06.27 @ 10:10:15

## GENERAL INFORMATION:

Formation: **Pawnee-Myrick St.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:57:30

Time Test Ended: 15:54:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

**Interval: 4410.00 ft (KB) To 4458.00 ft (KB) (TVD)**

Reference Elevations: 2947.00 ft (KB)

Total Depth: 4458.00 ft (KB) (TVD)

2942.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 8736**

**Inside**

Press @ Run Depth: 60.15 psig @ 4412.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.27

End Date:

2012.06.27

Last Calib.:

2012.06.27

Start Time: 10:10:15

End Time:

17:06:00

Time On Btm:

2012.06.27 @ 11:57:00

Time Off Btm:

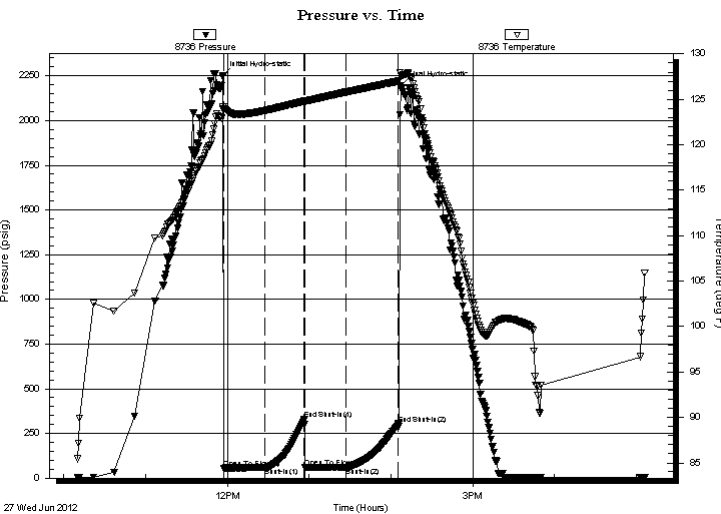
2012.06.27 @ 14:07:30

TEST COMMENT: IF: Built to 1/8" blow

IS: No return blow

FF: No blow

FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.61	124.15	Initial Hydro-static
1	55.58	123.98	Open To Flow (1)
31	58.80	123.78	Shut-In(1)
60	327.44	124.83	End Shut-In(1)
60	58.79	124.74	Open To Flow (2)
90	60.15	125.78	Shut-In(2)
129	304.10	127.00	End Shut-In(2)
131	2197.41	127.59	Final Hydro-static

## Recovery

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

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co., Inc.

**28-17s-31w**

202 W Main St.  
Salem IL 62881

**Habiger #1**

Job Ticket: 48392

**DST#: 7**

ATTN: Pat Deenihan

Test Start: 2012.06.27 @ 10:10:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 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	mud 100% m	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 #: 8736

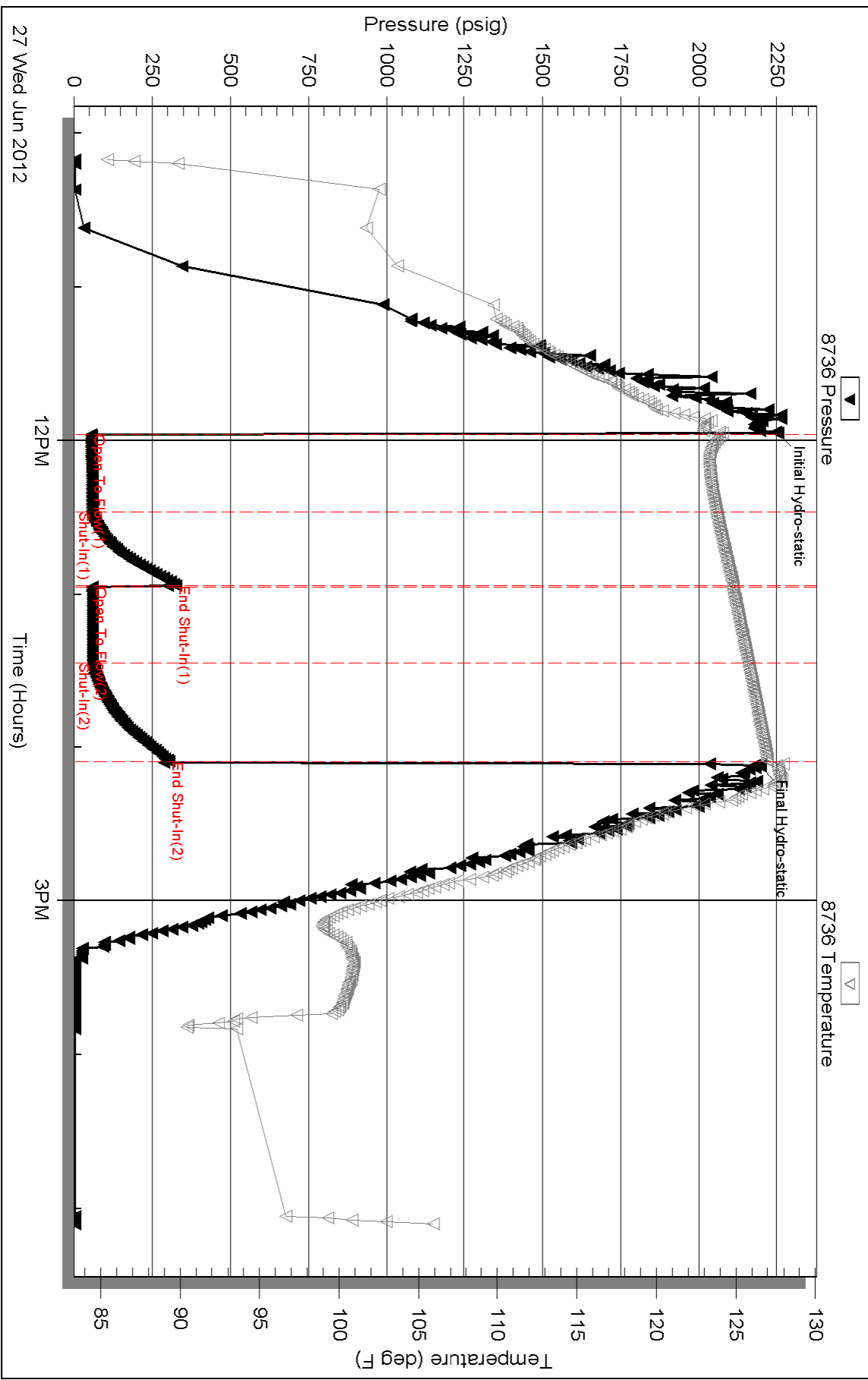
Inside

Shakespeare Oil Co., Inc.

Habiger #1

DST Test Number: 7

### Pressure vs. Time



27 Wed Jun 2012

Triobite Testing, Inc

Ref. No: 48392

Printed: 2012.06.27 @ 16:29:52