



**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: 48386

**DST#: 1**

Test Start: 2012.06.22 @ 21:09:00

## GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:29:45

Time Test Ended: 04:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 48

**Interval: 3964.00 ft (KB) To 3988.00 ft (KB) (TVD)**

Reference Elevations: 2947.00 ft (KB)

Total Depth: 3988.00 ft (KB) (TVD)

2942.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 6668 Outside**

Press @ RunDepth: 77.51 psig @ 3965.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.22

End Date:

2012.06.23

Last Calib.:

2012.06.23

Start Time: 21:09:15

End Time:

04:08:00

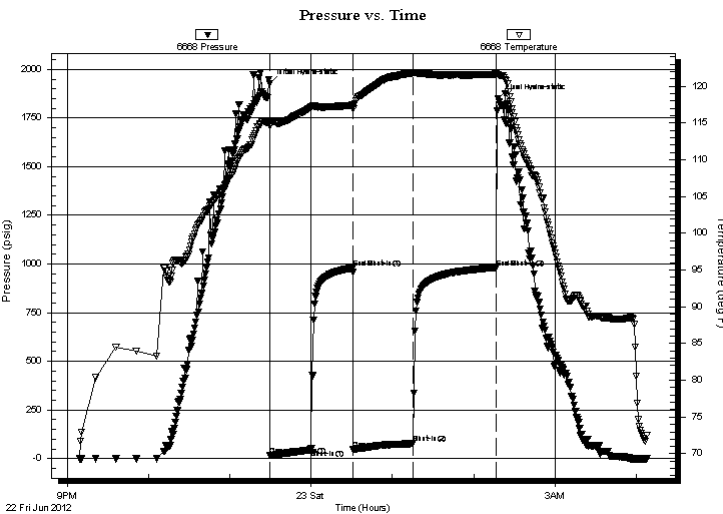
Time On Btm:

2012.06.22 @ 23:29:30

Time Off Btm:

2012.06.23 @ 02:18:15

**TEST COMMENT:** IF: Built to 1/2" blow  
IS: No return blow  
FF: Built to a weak surface blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1925.76	115.25	Initial Hydro-static
1	15.30	114.56	Open To Flow (1)
31	45.10	117.17	Shut-In(1)
62	979.47	117.41	End Shut-In(1)
62	48.15	116.94	Open To Flow (2)
106	77.51	121.82	Shut-In(2)
168	982.00	121.64	End Shut-In(2)
169	1851.27	121.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
144.00	mud with a trace of oil	0.89

## 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: 48386

**DST#: 1**

ATTN: Pat Deenihan

Test Start: 2012.06.22 @ 21:09:00

## 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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
144.00	mud w ith a trace of oil	0.890

Total Length: 144.00 ft

Total Volume: 0.890 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

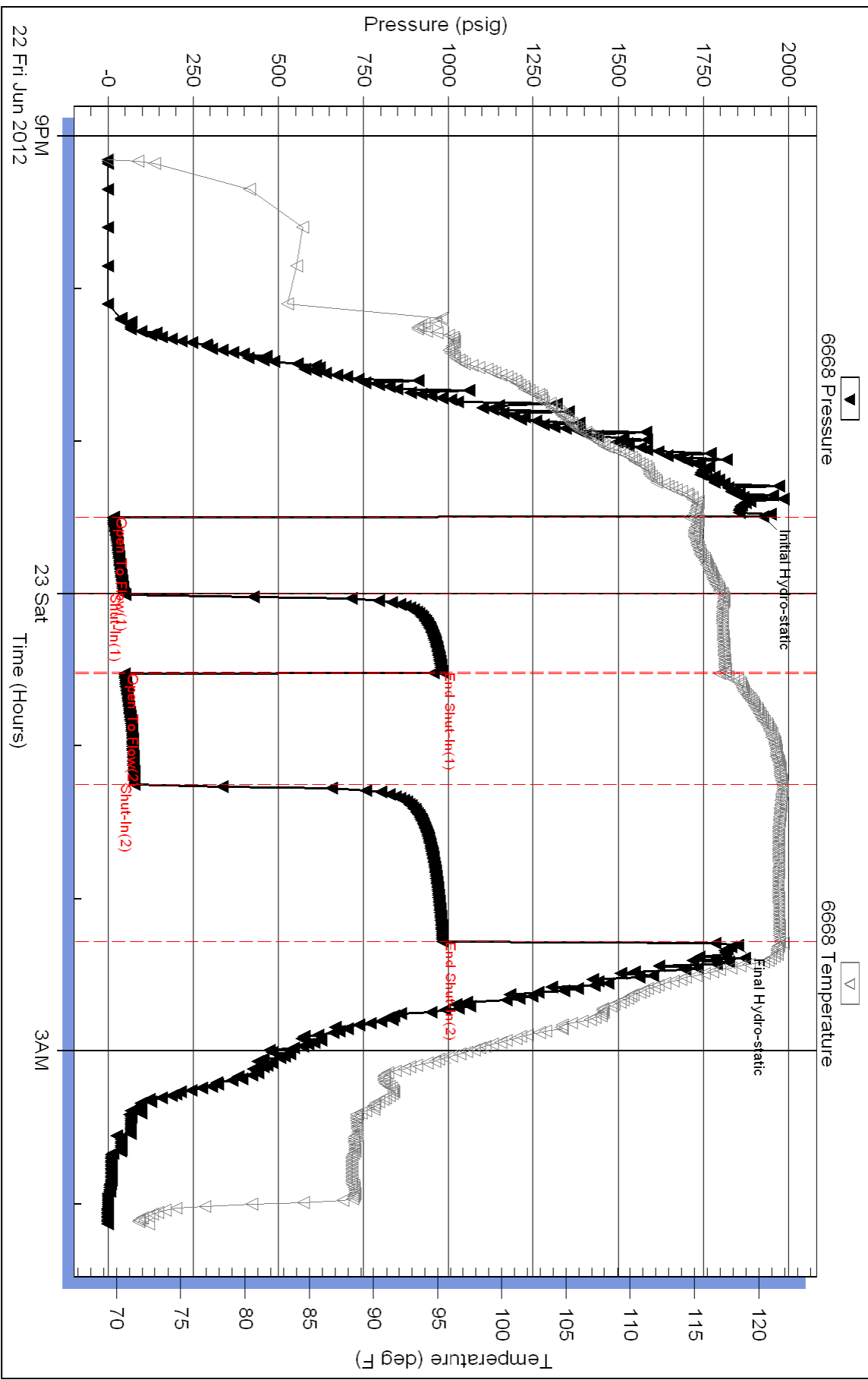
Serial #: 6668

Outside Shakespeare Oil Co., Inc.

Habiger #1

DST Test Number: 1

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48386

Printed: 2012.06.23 @ 08:24:07