



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**23-13-31 Gove Ks**

202 W Main St  
Salem IL 62881

**Zerr Trust 3-23**

Job Ticket: 48364

**DST#: 2**

ATTN: Tim Priest

Test Start: 2012.07.23 @ 07:26:31

## GENERAL INFORMATION:

Formation: **D-E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:14:16

Time Test Ended: 13:17:16

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

**Interval: 4007.00 ft (KB) To 4030.00 ft (KB) (TVD)**

Reference Elevations: 2871.00 ft (KB)

Total Depth: 4030.00 ft (KB) (TVD)

2864.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

**Serial #: 8373**

**Inside**

Press @ Run Depth: 21.51 psig @ 4012.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.23

End Date:

2012.07.23

Last Calib.:

2012.07.23

Start Time:

07:26:36

End Time:

13:17:15

Time On Btm:

2012.07.23 @ 09:13:16

Time Off Btm:

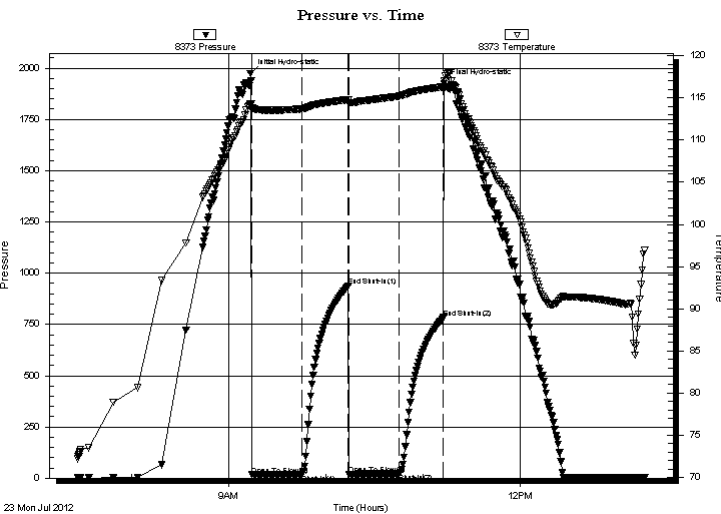
2012.07.23 @ 11:13:01

**TEST COMMENT:** IF: Weak blow died in 6 min.

IS: No return.

FF: No blow.

FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.70	114.27	Initial Hydro-static
1	16.11	113.62	Open To Flow (1)
32	19.70	113.70	Shut-In(1)
61	937.65	114.81	End Shut-In(1)
61	19.37	114.36	Open To Flow (2)
92	21.51	115.20	Shut-In(2)
120	783.55	116.32	End Shut-In(2)
120	1924.23	116.99	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% <sub>m</sub>	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

**23-13-31 Gove Ks**

202 W Main St  
Salem IL 62881

**Zerr Trust 3-23**

Job Ticket: 48364

**DST#: 2**

ATTN: Tim Priest

Test Start: 2012.07.23 @ 07:26:31

## 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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 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:

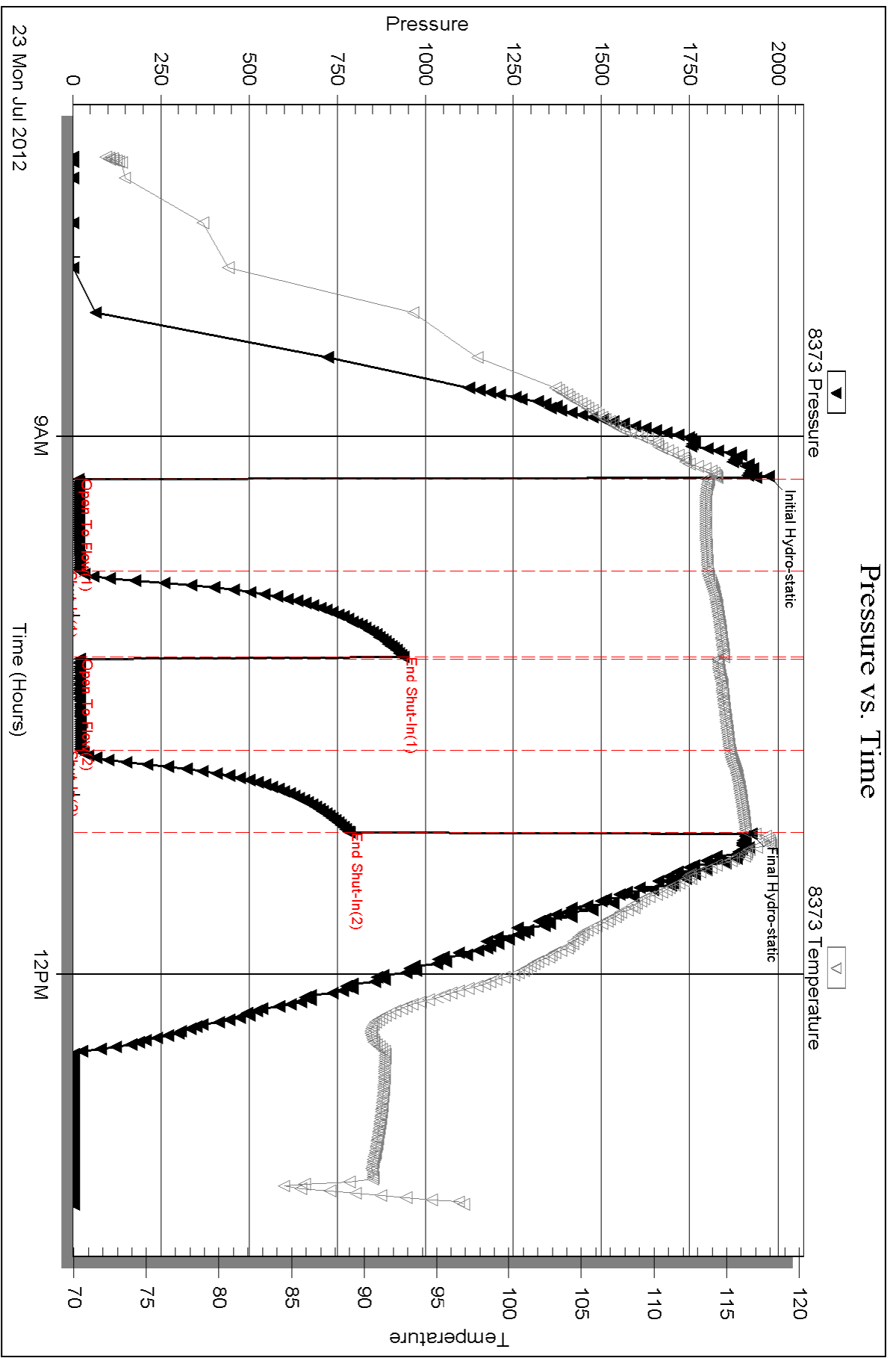
Serial #: 8373

Inside

Shakespeare Oil Co Inc

Zerr Trust 3-23

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 48364

Printed: 2012.07.25 @ 13:25:43