



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**14-14s-32w Logan,KS**

202 W Main St  
Salem, IL 62881

**K Ottley #1-14**

ATTN: Steve Davis

Job Ticket: 48258

**DST#: 3**

Test Start: 2012.06.02 @ 19:30:56

## GENERAL INFORMATION:

Formation: **H**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 21:04:41  
 Time Test Ended: 01:20:41  
 Interval: **3982.00 ft (KB) To 4012.00 ft (KB) (TVD)**  
 Total Depth: 4012.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 2824.00 ft (KB)  
 2819.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 6771

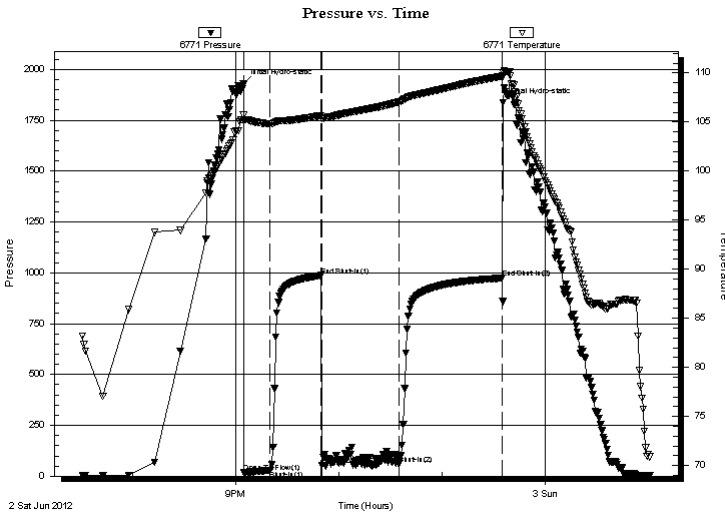
**Outside**

Press @ Run Depth: 56.70 psig @ 3983.00 ft (KB)  
 Start Date: 2012.06.02 End Date: 2012.06.03  
 Start Time: 19:30:56 End Time: 01:00:41  
 Capacity: 8000.00 psig  
 Last Calib.: 2012.06.03  
 Time On Btm: 2012.06.02 @ 21:04:26  
 Time Off Btm: 2012.06.02 @ 23:35:26

TEST COMMENT: 1/4" blow  
 No return  
 Surface blow  
 No return

## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.66	105.71	Initial Hydro-static
1	18.51	105.12	Open To Flow (1)
16	28.57	104.81	Shut-In(1)
46	986.62	105.67	End Shut-In(1)
46	51.31	105.41	Open To Flow (2)
91	56.70	107.02	Shut-In(2)
151	974.29	109.67	End Shut-In(2)
151	1838.36	109.97	Final Hydro-static



## Recovery

Length (ft)	Description	Volume (bbl)
65.00	w c m w/oil spots on top 45%w 55%m	0.32

\* 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

**14-14s-32w Logan,KS**

202 W Main St  
Salem, IL 62881

**K Ottley #1-14**

Job Ticket: 48258

**DST#: 3**

ATTN: Steve Davis

Test Start: 2012.06.02 @ 19:30:56

## 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:

32000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	w c m w/oil spots on top 45%w 55%m	0.320

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .230 @ 65\*f = 32,000 chlor

Serial #: 6771

Outside Shakespeare Oil Co Inc

K Otley #1-14

DST Test Number: 3

