



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52921

**DST#: 4**

ATTN: Tim Priest

Test Start: 2013.09.19 @ 10:26:15

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:48:45

Time Test Ended: 18:42:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

**Interval: 4648.00 ft (KB) To 4725.00 ft (KB) (TVD)**

Reference Elevations: 3144.00 ft (KB)

Total Depth: 4725.00 ft (KB) (TVD)

3139.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8846 Outside**

Press @ Run Depth: 72.53 psig @ 4715.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.19

End Date: 2013.09.19

Last Calib.: 2013.09.19

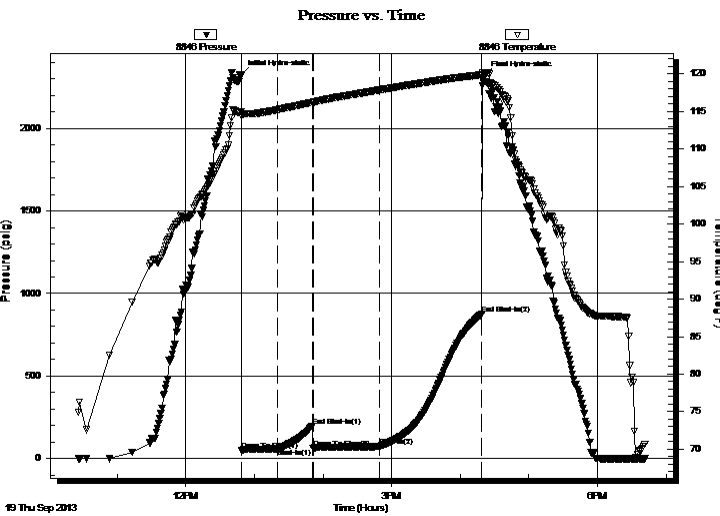
Start Time: 10:26:15

End Time: 18:42:00

Time On Btm: 2013.09.19 @ 12:48:30

Time Off Btm: 2013.09.19 @ 16:20:45

**TEST COMMENT:** IF: Built to 2" blow  
IS: No return blow  
FF: Built to 2" blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2326.85	114.94	Initial Hydro-static
1	51.17	114.46	Open To Flow (1)
32	59.41	115.20	Shut-In(1)
62	197.22	116.19	End Shut-In(1)
63	63.63	116.19	Open To Flow (2)
121	72.53	117.83	Shut-In(2)
211	874.41	119.85	End Shut-In(2)
213	2322.33	119.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
119.00	mco 30% m 70% o	0.59

\* 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 Company, Inc.

**9-16-13 Scott Co KS**

202 West Main Street  
Salem II 62881

**Tucker 2-9**

Job Ticket: 52921

**DST#: 4**

ATTN: Tim Priest

Test Start: 2013.09.19 @ 10:26:15

### 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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	mco 30%m 70%o	0.585

Total Length: 119.00 ft      Total Volume: 0.585 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

