



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**16-14s-32w Logan Co. KS**

202 W. Main St.  
Salem IL 62881

**Ottely # 3-16**

Job Ticket: 48832

**DST#: 6**

ATTN: Tim Priest

Test Start: 2012.08.25 @ 14:34:00

## GENERAL INFORMATION:

Formation: **LKC " J "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:03:40

Time Test Ended: 19:54:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

**Interval: 3989.00 ft (KB) To 4012.00 ft (KB) (TVD)**

Reference Elevations: 2773.00 ft (KB)

Total Depth: 4012.00 ft (KB) (TVD)

2763.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8360**

**Inside**

Press @ Run Depth: 90.65 psig @ 3990.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.25

End Date: 2012.08.25

Last Calib.: 2012.08.25

Start Time: 14:34:00

End Time: 19:54:54

Time On Btm: 2012.08.25 @ 16:03:10

Time Off Btm: 2012.08.25 @ 18:06:55

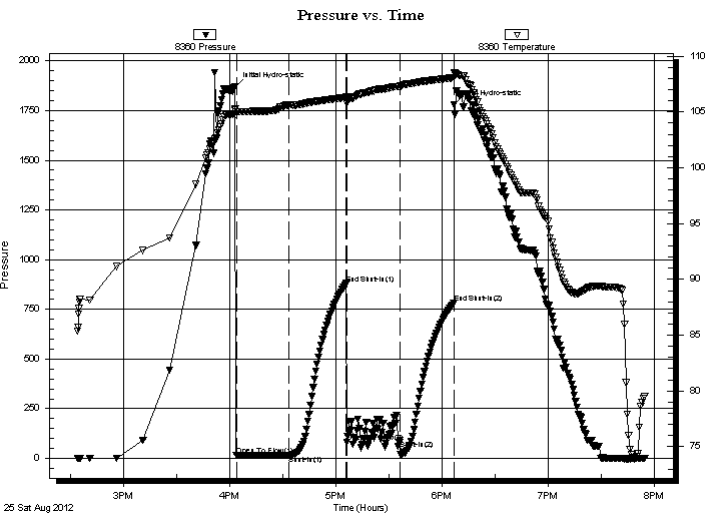
**TEST COMMENT:** IF- Weak Surface Blow Died in 6min

IS- No Blow

FF- No Blow

FS- No Blow

Tool w as Plugging on FF



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1871.71	105.29	Initial Hydro-static
1	14.61	104.77	Open To Flow (1)
31	15.26	105.63	Shut-In(1)
63	879.96	106.32	End Shut-In(1)
63	80.76	105.75	Open To Flow (2)
93	90.65	107.31	Shut-In(2)
124	782.17	108.08	End Shut-In(2)
124	1780.87	108.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	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

**16-14s-32w Logan Co. KS**

202 W. Main St.  
Salem IL 62881

**Ottely # 3-16**

Job Ticket: 48832

**DST#: 6**

ATTN: Tim Priest

Test Start: 2012.08.25 @ 14:34:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	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 #: 8360

Inside

Shakespeare Oil Co. Inc

Otley # 3-16

DST Test Number: 6

