



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S3-13s-32w Logan, KS**

202 W Main  
Salem, IL 62881

**Andersen #1-3**

Job Ticket: 57452

**DST#: 7**

ATTN: Tim Priest

Test Start: 2014.08.16 @ 15:29:00

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 17:47:20

Time Test Ended: 22:39:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Justin Harris

Unit No: 61

**Interval: 4574.00 ft (KB) To 4630.00 ft (KB) (TVD)**

Reference Elevations: 3045.00 ft (KB)

Total Depth: 4630.00 ft (KB) (TVD)

3035.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8357**

**Inside**

Press @ Run Depth: 26.98 psig @ 4575.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.16

End Date: 2014.08.16

Last Calib.: 2014.08.16

Start Time: 15:29:02

End Time: 22:39:50

Time On Btm:

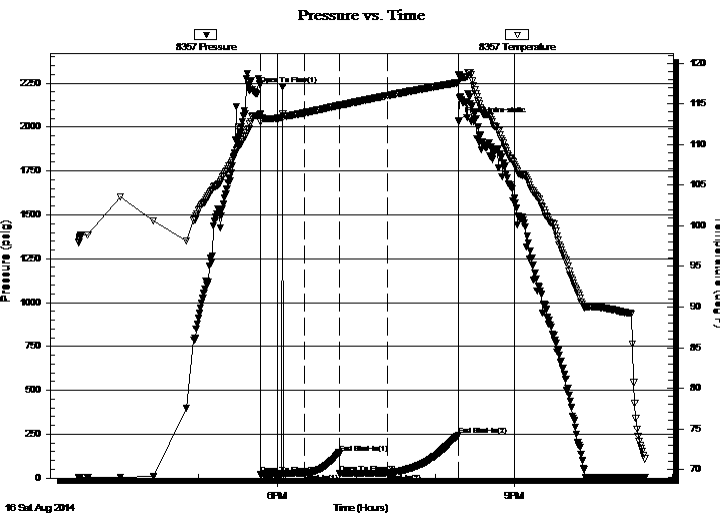
Time Off Btm: 2014.08.16 @ 20:17:50

**TEST COMMENT:** 30: Weak blow flush tool few bubble.

30: No Return.

30: No blow .

60: No Return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.07	113.74	Open To Flow (1)
1	22.80	112.82	Open To Flow (2)
33	26.98	113.90	Shut-In(1)
60	139.60	114.85	End Shut-In(1)
61	25.49	114.82	Open To Flow (3)
97	28.98	116.04	Shut-In(2)
151	247.20	117.63	End Shut-In(2)
151	2032.83	118.64	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w ith oil spots	0.05

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc.

**S3-13s-32w Logan, KS**

202 W Main  
Salem, IL 62881

**Andersen #1-3**

Job Ticket: 57452

**DST#: 7**

ATTN: Tim Priest

Test Start: 2014.08.16 @ 15:29:00

### 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: 50.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w ith oil spots	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8357

Inside

Shakespeare Oil Co. Inc.

Andersen #1-3

DST Test Number: 7

