



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co

202 W Main St.  
Salem, IL 62881

ATTN: Tim Priest

**Nichols 1-15**

**15-16-34 Scott, KS**

Job Ticket: 43694

**DST#: 9**

Test Start: 2011.09.06 @ 17:55:27

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:10:22

Time Test Ended: 02:12:06

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

**Interval: 4617.00 ft (KB) To 4702.00 ft (KB) (TVD)**

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4702.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8373 Inside**

Press @ Run Depth: 63.18 psig @ 4622.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.06

End Date:

2011.09.07

Last Calib.:

2011.09.07

Start Time:

17:55:27

End Time:

02:12:06

Time On Btm:

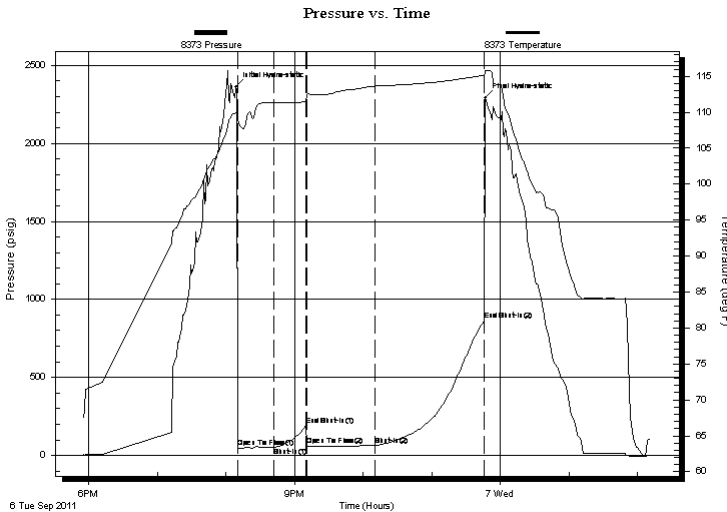
2011.09.06 @ 20:08:37

Time Off Btm:

2011.09.06 @ 23:46:51

**TEST COMMENT:** IF: Surface blow died in 12 min.  
IS: No return.  
FF: Surface blow built to 3 in 60 min.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.11	110.01	Initial Hydro-static
2	49.61	109.14	Open To Flow (1)
33	50.93	111.38	Shut-In(1)
62	190.44	111.47	End Shut-In(1)
63	61.50	112.40	Open To Flow (2)
122	63.18	113.63	Shut-In(2)
218	867.51	115.13	End Shut-In(2)
219	2291.42	115.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 5%o 95%m	0.30
62.00	mud oil spots 100%m	0.31

## Gas Rates

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



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co

**Nichols 1-15**

202 W Main St.  
Salem, IL 62881

**15-16-34 Scott, KS**

Job Ticket: 43694

**DST#: 9**

ATTN: Tim Priest

Test Start: 2011.09.06 @ 17:55:27

## 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	ocm 5%o 95%m	0.305
62.00	mud oil spots 100%m	0.314

Total Length: 124.00 ft

Total Volume: 0.619 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

