



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**Peterson 1-8**

202 W Main St.  
Salem, IL 62881

**8-13-31**

ATTN: Rich Bell

Job Ticket: 042695

**DST#: 5**

Test Start: 2011.06.27 @ 16:55:13

## GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:37:38

Time Test Ended: 22:14:07

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

**Interval: 4380.00 ft (KB) To 4470.00 ft (KB) (TVD)**

Reference Elevations: 2970.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8373**

**Inside**

Press @ Run Depth: 29.20 psig @ 4381.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.06.27

End Date:

2011.06.27

Last Calib.:

2011.06.27

Start Time: 16:55:13

End Time:

22:14:07

Time On Btm:

2011.06.27 @ 18:35:23

Time Off Btm:

2011.06.27 @ 20:38:53

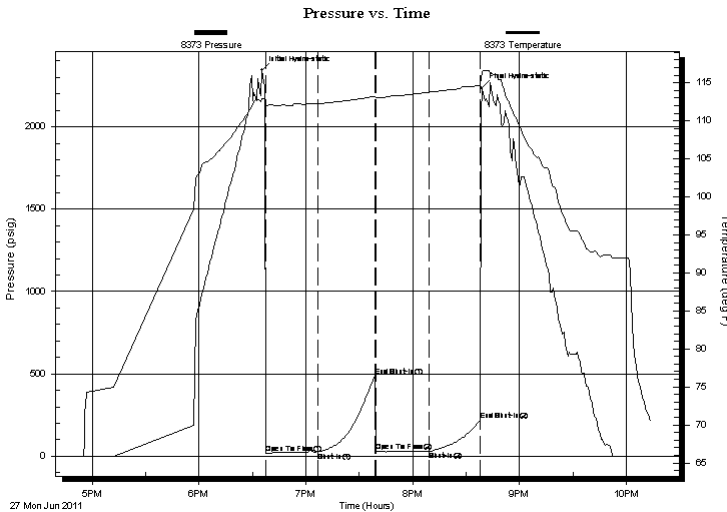
**TEST COMMENT:** IF: 1/4 blow died in 13 min.

IS: No return.

FF: No return.

FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2342.67	112.94	Initial Hydro-static
3	19.69	112.01	Open To Flow (1)
32	24.70	112.26	Shut-In(1)
64	485.40	113.22	End Shut-In(1)
64	27.67	113.00	Open To Flow (2)
94	29.20	113.76	Shut-In(2)
123	218.12	114.63	End Shut-In(2)
124	2236.70	116.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% <sub>m</sub>	0.05

## Gas Rates

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



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## 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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	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:

# Pressure vs. Time

