



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co

**Nichols 1-15**

202 W Main St.  
Salem, IL 62881

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

ATTN: Tim Priest

Job Ticket: 43693

**DST#: 8**

Test Start: 2011.09.05 @ 18:05:00

## GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:16:55

Time Test Ended: 00:45:24

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

**Interval: 4504.00 ft (KB) To 4590.00 ft (KB) (TVD)**

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4590.00 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: 50.97 psig @ 4509.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.05

End Date:

2011.09.06

Last Calib.: 2011.09.06

Start Time: 18:05:00

End Time:

00:45:24

Time On Btm: 2011.09.05 @ 20:14:40

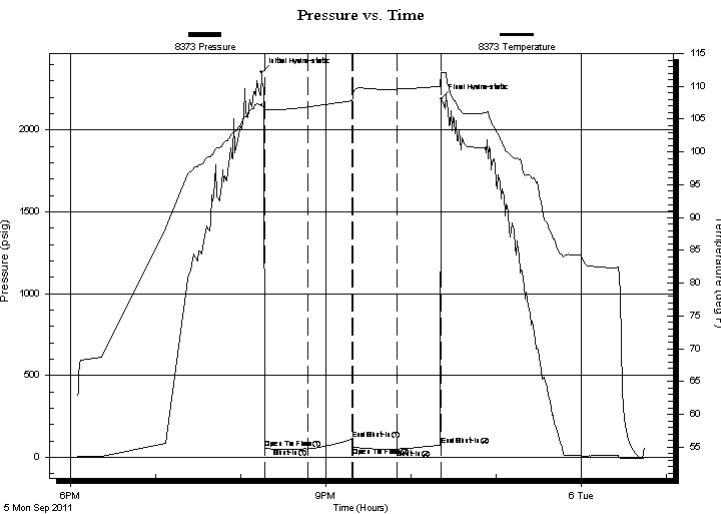
Time Off Btm: 2011.09.05 @ 22:21:39

**TEST COMMENT:** IF: Surface blow died in 5 min.

IS: No return.

FF: No blow.

FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2351.89	107.29	Initial Hydro-static
3	54.72	106.31	Open To Flow (1)
33	51.94	106.87	Shut-In(1)
64	112.16	107.81	End Shut-In(1)
65	61.40	108.21	Open To Flow (2)
96	50.97	109.56	Shut-In(2)
127	74.23	110.00	End Shut-In(2)
127	2190.47	112.06	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud oil spots 100%m	0.30

## 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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 9600.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud oil spots 100%m	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time

