



**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: 43688

**DST#: 3**

Test Start: 2011.09.01 @ 01:20:08

## GENERAL INFORMATION:

Formation: **H&I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:07:33

Time Test Ended: 09:26:17

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

**Interval: 4221.00 ft (KB) To 4270.00 ft (KB) (TVD)**

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4270.00 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: 252.65 psig @ 4222.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.01

End Date:

2011.09.01

Last Calib.:

2011.09.01

Start Time: 01:20:08

End Time:

09:26:17

Time On Btm:

2011.09.01 @ 04:06:03

Time Off Btm:

2011.09.01 @ 06:38:47

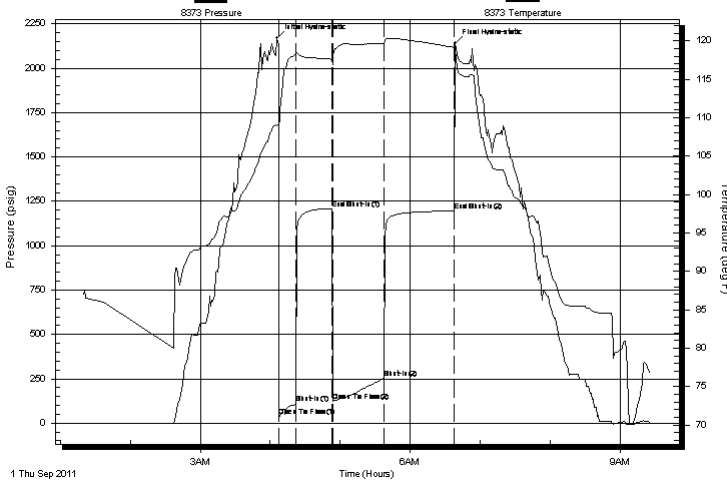
**TEST COMMENT:** IF: 1/4 blow BOB in 10 min.

IS: No return.

FF: Surface blow BOB in 16 min.

FS: No return.

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.06	108.92	Initial Hydro-static
2	37.12	108.22	Open To Flow (1)
17	109.28	118.17	Shut-In(1)
47	1208.93	117.60	End Shut-In(1)
48	120.76	116.95	Open To Flow (2)
92	252.65	119.59	Shut-In(2)
152	1196.27	119.16	End Shut-In(2)
153	2141.17	118.60	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
372.00	mcw 95%w 5%m	4.10
186.00	mcw 90%w 10%m	2.61

## 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:

20000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
372.00	mcw 95%w 5%m	4.098
186.00	mcw 90%w 10%m	2.609

Total Length: 558.00 ft      Total Volume: 6.707 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .32@73=20000

