



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**26-16s-34w Scott Co**

202 W. Main St  
Salem IL  
62881  
ATTN: Tim Priest

**Janzen 1 26**

Job Ticket: 44449

**DST#: 5**

Test Start: 2012.10.10 @ 01:42:15

## GENERAL INFORMATION:

Formation: **K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:16:15  
 Time Test Ended: 09:35:15  
 Interval: **4302.00 ft (KB) To 4325.00 ft (KB) (TVD)**  
 Total Depth: 4325.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 3114.00 ft (KB)  
 3109.00 ft (CF)  
 KB to GR/CF: 5.00 ft

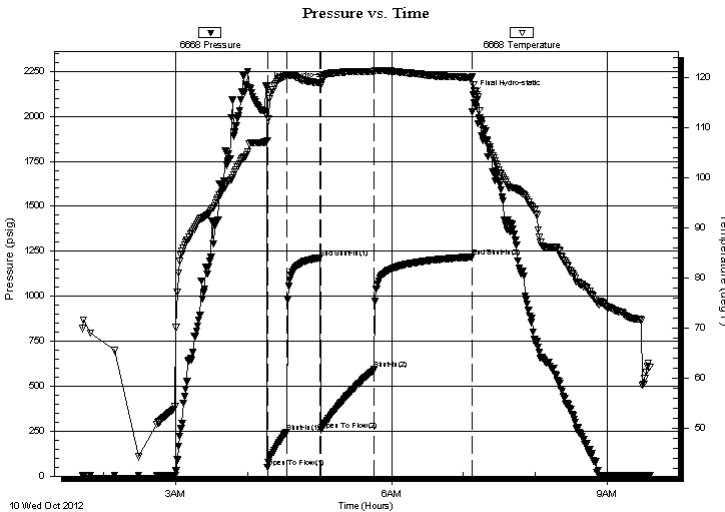
## Serial #: 6668

Inside

Press @ Run Depth: 592.61 psig @ 4308.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.10.10 End Date: 2012.10.10 Last Calib.: 2012.10.10  
 Start Time: 01:42:15 End Time: 09:35:15 Time On Btm: 2012.10.10 @ 04:15:45  
 Time Off Btm: 2012.10.10 @ 07:08:15

TEST COMMENT: IF:BOB in 4 min.  
 IS:No return blow  
 FF:BOB in 4 min.  
 FS:No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2164.55	107.19	Initial Hydro-static
1	50.97	107.37	Open To Flow (1)
17	245.07	120.28	Shut-In(1)
45	1212.40	118.81	End Shut-In(1)
45	257.62	118.40	Open To Flow (2)
90	592.61	121.19	Shut-In(2)
171	1218.31	119.92	End Shut-In(2)
173	2120.26	118.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	mcsw 30% m 70% sw	1.23
1143.00	sw 100% sw	16.03

\* Recovery from multiple tests

## 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:

35000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.56 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
186.00	mcsw 30%m 70%sw	1.234
1143.00	sw 100% sw	16.033

Total Length: 1329.00 ft      Total Volume: 17.267 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .322@55.1\*= 35,000 ppm

### Pressure vs. Time

