



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley #2-28**

Job Ticket: 61553

**DST#: 9**

ATTN: Tim Priest

Test Start: 2015.01.17 @ 07:13:00

## GENERAL INFORMATION:

Formation: **Pawnee - Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:05:10

Time Test Ended: 14:55:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 4114.00 ft (KB) To 4194.00 ft (KB) (TVD)**

Reference Elevations: 2682.00 ft (KB)

Total Depth: 4194.00 ft (KB) (TVD)

2672.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8357**

**Inside**

Press @ Run Depth: 34.40 psig @ 4118.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.17

End Date:

2015.01.17

Last Calib.:

2015.01.17

Start Time: 07:13:02

End Time:

14:55:10

Time On Btm:

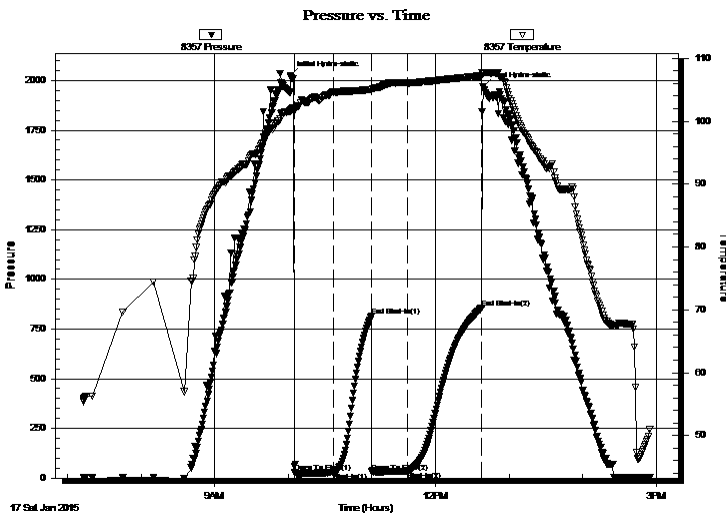
2015.01.17 @ 10:02:00

Time Off Btm:

2015.01.17 @ 12:38:50

TEST COMMENT: 30- 1/2" Blow .  
30- No return.  
30- No blow .  
60- No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2022.89	101.67	Initial Hydro-static
4	27.79	102.04	Open To Flow (1)
35	28.23	104.58	Shut-In(1)
66	813.96	105.04	End Shut-In(1)
67	31.01	105.05	Open To Flow (2)
95	34.40	106.08	Shut-In(2)
156	856.73	107.22	End Shut-In(2)
157	1970.06	107.67	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
20.00	OSM 100m	0.10

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

\* Recovery from multiple tests



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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OSM 100m	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

