



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Company, Inc

**27-16s-34w Scott Co, KS**

202 West Main Street  
Salem IL, 62881

**Church Of God 2-27**

ATTN: Tim Priest

Job Ticket: 57272

**DST#: 4**

Test Start: 2014.09.17 @ 12:35:00

## GENERAL INFORMATION:

Formation: **Johnson Zone**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:56:30

Time Test Ended: 20:37:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

**Interval: 4666.00 ft (KB) To 4747.00 ft (KB) (TVD)**

Reference Elevations: 3129.00 ft (KB)

Total Depth: 4747.00 ft (KB) (TVD)

3119.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press@RunDepth: 68.29 psig @ 4667.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.17

End Date:

2014.09.17

Last Calib.:

2014.09.17

Start Time: 12:35:15

End Time:

20:37:15

Time On Btm:

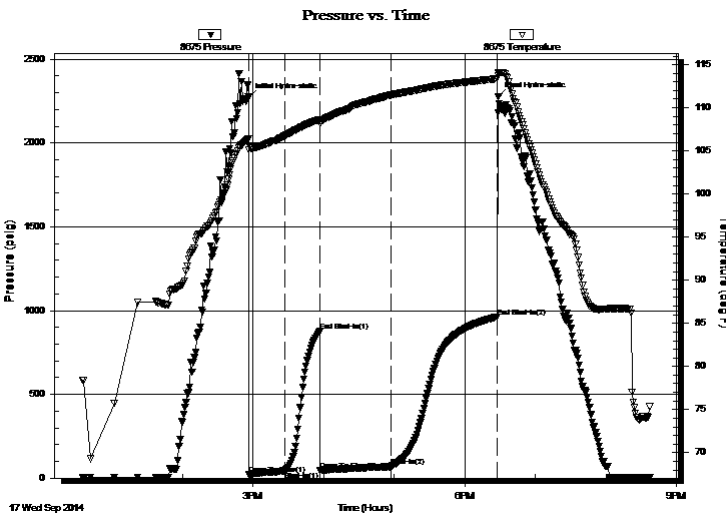
2014.09.17 @ 14:56:15

Time Off Btm:

2014.09.17 @ 18:28:45

**TEST COMMENT:** Built to 1" blow  
Bled off for 3 min. No return blow  
Built to 1/4" blow  
Bled off for 3 min. No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.93	106.46	Initial Hydro-static
1	21.03	105.16	Open To Flow (1)
31	41.33	106.73	Shut-In(1)
61	874.91	108.62	End Shut-In(1)
61	46.08	108.21	Open To Flow (2)
121	68.29	111.47	Shut-In(2)
212	961.78	113.37	End Shut-In(2)
213	2277.08	114.03	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
75.00	100% Mud	0.37

## Gas Rates

	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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	100% Mud	0.369

Total Length: 75.00 ft      Total Volume: 0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

