



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc  
 202 W. Main St.  
 Salem II  
 62881  
 ATTN: Tim Priest

**17-13-32 Logan Co KS**

**Campbell 4 17**

Job Ticket: 57665

**DST#: 5**

Test Start: 2014.06.07 @ 22:07:15

## GENERAL INFORMATION:

Formation: **I-J**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Reset)**  
 Time Tool Opened: **01:02:00** Tester: **Mike Roberts**  
 Time Test Ended: **05:31:15** Unit No: **65**  
**Interval: 4225.00 ft (KB) To 4250.00 ft (KB) (TVD)** Reference Elevations: **3043.00 ft (KB)**  
 Total Depth: **4035.00 ft (KB) (TVD)** **3033.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **10.00 ft**

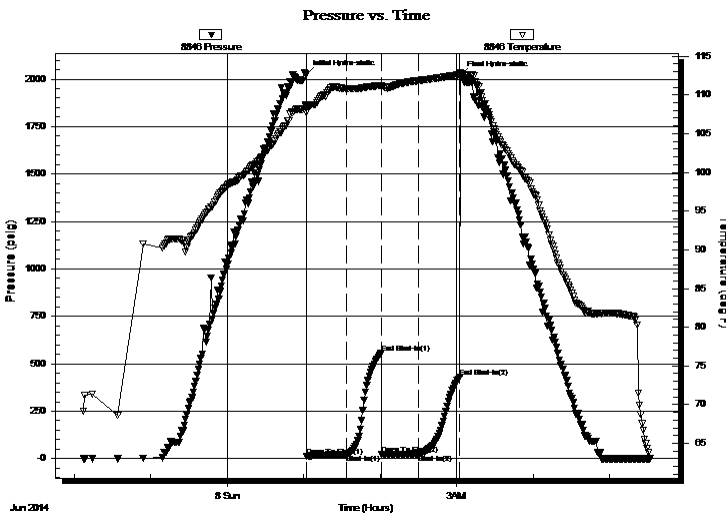
## Serial #: 8846

**Inside**

Press @ RunDepth: **25.65 psig @ 4245.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2014.06.07** End Date: **2014.06.08** Last Calib.: **2014.06.08**  
 Start Time: **22:07:15** End Time: **05:31:15** Time On Btm: **2014.06.08 @ 01:01:45**  
 Time Off Btm: **2014.06.08 @ 03:03:00**

TEST COMMENT: IF: Built to weak surface blow  
 IS: No return blow  
 FF: Built to weak surface blow  
 FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2024.68	108.68	Initial Hydro-static
1	13.12	107.71	Open To Flow (1)
32	21.39	110.81	Shut-In(1)
59	556.54	111.22	End Shut-In(1)
60	22.23	111.12	Open To Flow (2)
89	25.65	111.85	Shut-In(2)
121	430.76	112.62	End Shut-In(2)
122	2018.81	112.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud with oil spots	0.10

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	mud w ith oil spots	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:

