



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Comp, Inc

**Frey 3-9**

202 W. Main Street  
Salem IL 62881

**9/13s/32w Logan KS**

ATTN: Steve Davis

Job Ticket: 041208

**DST#: 2**

Test Start: 2011.04.27 @ 14:26:15

## GENERAL INFORMATION:

Formation: **Lansing I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:14:30

Time Test Ended: 19:45:30

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

**Interval: 4168.00 ft (KB) To 4198.00 ft (KB) (TVD)**

Reference Elevations: 2999.00 ft (KB)

Total Depth: 4198.00 ft (KB) (TVD)

2989.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6669 Outside**

Press @ RunDepth: 31.93 psig @ 4193.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.27 End Date: 2011.04.27

Last Calib.: 2011.04.27

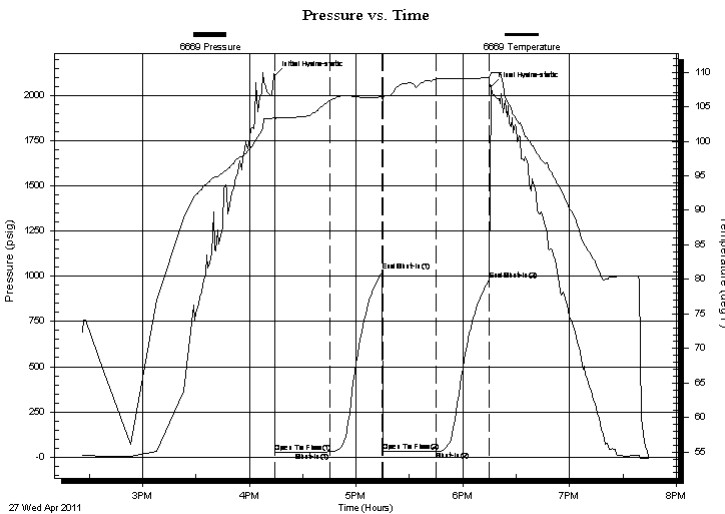
Start Time: 14:26:15 End Time: 19:45:30

Time On Btm: 2011.04.27 @ 16:14:15

Time Off Btm: 2011.04.27 @ 18:15:45

**TEST COMMENT:** IF: Built to weak surface blow  
IS: No return blow  
FF: Weak surface blow died in 12 min  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.53	103.49	Initial Hydro-static
1	28.98	102.89	Open To Flow (1)
31	28.51	105.95	Shut-In(1)
61	1026.83	106.41	End Shut-In(1)
61	30.58	106.42	Open To Flow (2)
91	31.93	109.05	Shut-In(2)
121	981.12	109.21	End Shut-In(2)
122	2050.63	109.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100 %	0.02

## 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:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	m 100 %	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

