



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**S8-14s-32w Logan, KS**

202 W Main St.  
Salem, IL 62881

**Ottley #1-8**

Job Ticket: 50068

**DST#: 1**

ATTN: Tim Priest

Test Start: 2012.09.09 @ 06:00:00

## GENERAL INFORMATION:

Formation: **LKC 'B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:13:00

Time Test Ended: 12:25:50

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

**Interval: 3880.00 ft (KB) To 3904.00 ft (KB) (TVD)**

Reference Elevations: 2842.00 ft (KB)

Total Depth: 3904.00 ft (KB) (TVD)

2832.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8018**

**Inside**

Press @ RunDepth: 57.90 psig @ 3882.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.09

End Date:

2012.09.09

Last Calib.:

2012.09.09

Start Time: 06:00:01

End Time:

12:25:50

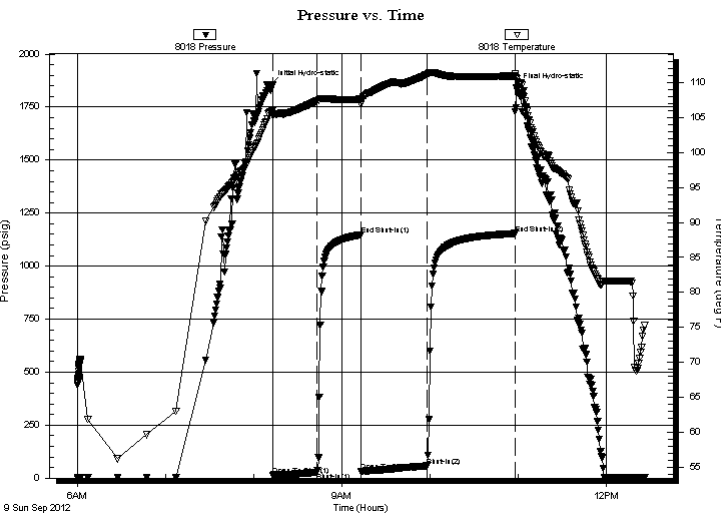
Time On Btm:

2012.09.09 @ 08:11:40

Time Off Btm:

2012.09.09 @ 10:58:39

**TEST COMMENT:** 1/2" Blow .  
No return.  
1 1/2" Blow .  
No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1857.34	105.76	Initial Hydro-static
2	14.64	105.29	Open To Flow (1)
32	27.69	107.33	Shut-In(1)
61	1147.97	107.60	End Shut-In(1)
62	29.96	106.85	Open To Flow (2)
107	57.90	111.16	Shut-In(2)
166	1153.69	110.91	End Shut-In(2)
167	1839.77	110.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .252 @ 80 Degrees F = 24000 PPM	0.00
75.00	OSMW 35m 65w	0.37

## 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

24000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW:.252 @ 80 Degrees F = 24000 PPM	0.000
75.00	OSMW 35m 65w	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:

