



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc

**25-16s-34w Scott Co. KS**

202 West Main St.  
Salem IL 62881

**Carson # 1-25**

Job Ticket: 45891

**DST#: 4**

ATTN: Tim Priest

Test Start: 2012.05.31 @ 07:18:00

## GENERAL INFORMATION:

Formation: **LKC " L "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:12:10

Time Test Ended: 13:55:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 40

**Interval: 4367.00 ft (KB) To 4400.00 ft (KB) (TVD)**

Reference Elevations: 3112.00 ft (KB)

Total Depth: 4400.00 ft (KB) (TVD)

3104.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8652**

**Inside**

Press @ Run Depth: 321.45 psig @ 4368.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.31

End Date:

2012.05.31

Last Calib.:

2012.05.31

Start Time: 07:18:00

End Time:

13:55:54

Time On Btm:

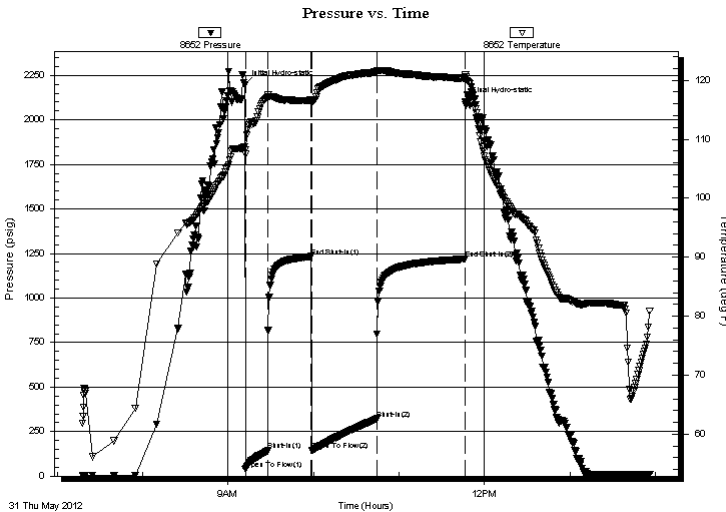
2012.05.31 @ 09:11:55

Time Off Btm:

2012.05.31 @ 11:46:39

**TEST COMMENT:** IF- Surface Blow Built to BOB in 8 1/2min  
IS- No Blow  
FF- Surface Blow Built to BOB in 11 1/2min  
FS- No Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.68	108.77	Initial Hydro-static
1	38.35	107.44	Open To Flow (1)
16	142.34	117.20	Shut-In (1)
47	1233.07	116.58	End Shut-In (1)
47	144.21	116.31	Open To Flow (2)
93	321.45	121.44	Shut-In (2)
155	1219.06	120.33	End Shut-In (2)
155	2102.14	120.89	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
122.00	MCW 21%m 79%w	0.60
300.00	MCW 12%m 88%w	4.21
180.00	MCW 44%m 56%w	2.52
105.00	WCM 37%w 63%m	1.47

## 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:

47000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
122.00	MCW 21%m 79%w	0.600
300.00	MCW 12%m 88%w	4.208
180.00	MCW 44%m 56%w	2.525
105.00	WCM 37%w 63%m	1.473

Total Length: 707.00 ft      Total Volume: 8.806 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .133 @ 81f = 47000

