



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespear Oil Co, Inc

**21 14s 32w Logan, Ks**

202 W. Main St.  
Salem, IL 62881

**Ottley 1-21**

Job Ticket: 44524

**DST#: 1**

ATTN: Tim Priest

Test Start: 2012.03.31 @ 15:56:00

## GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:57:45

Time Test Ended: 23:27:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Waler

Unit No: 53

**Interval: 3744.00 ft (KB) To 3774.00 ft (KB) (TVD)**

Reference Elevations: 2763.00 ft (KB)

Total Depth: 3774.00 ft (KB) (TVD)

2753.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8678**

**Inside**

Press @ Run Depth: 96.66 psig @ 3745.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.31

End Date:

2012.03.31

Last Calib.:

2012.03.31

Start Time: 15:56:05

End Time:

23:27:29

Time On Btm:

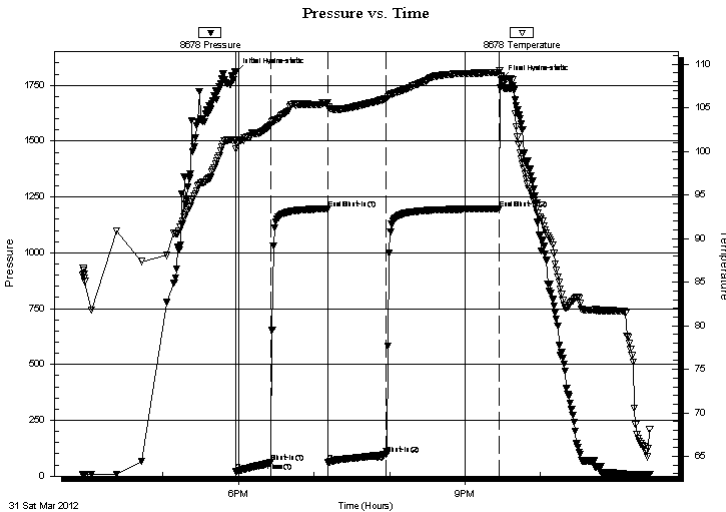
2012.03.31 @ 17:57:30

Time Off Btm:

2012.03.31 @ 21:28:30

**TEST COMMENT:** IF: 3" blow.  
IS: No return.  
FF: 4" blow.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1808.26	101.29	Initial Hydro-static
1	19.38	100.24	Open To Flow (1)
29	60.90	103.07	Shut-In(1)
74	1197.52	105.57	End Shut-In(1)
74	63.43	105.17	Open To Flow (2)
120	96.66	106.06	Shut-In(2)
210	1197.40	109.08	End Shut-In(2)
211	1776.20	108.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
170.00	mcw 30m 70w (oil spots)	1.07
0.00	130' GIP	0.00

## 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:

42000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
170.00	mcw 30m 70w (oil spots)	1.072
0.00	130' GIP	0.000

Total Length: 170.00 ft      Total Volume: 1.072 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .190 @ 64f = 42,000ppm

### Pressure vs. Time

