



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61702

**DST#: 2**

ATTN: Tim Priest

Test Start: 2015.08.10 @ 14:09:00

## GENERAL INFORMATION:

Formation: **LKC 'D-F'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:48:10

Time Test Ended: 19:16:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 3703.00 ft (KB) To 3745.00 ft (KB) (TVD)**

Reference Elevations: 2662.00 ft (KB)

Total Depth: 3745.00 ft (KB) (TVD)

2653.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 8357**

**Inside**

Press @ Run Depth: 28.88 psig @ 3704.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.10

End Date: 2015.08.10

Last Calib.: 2015.08.10

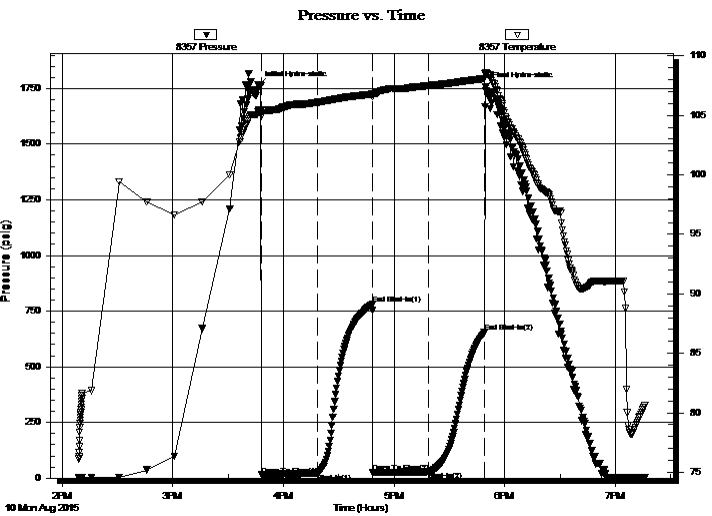
Start Time: 14:09:02

End Time: 19:16:10

Time On Btm: 2015.08.10 @ 15:46:40

Time Off Btm: 2015.08.10 @ 17:49:40

**TEST COMMENT:** 30- 1/2" Blow .  
30- No return.  
30- No blow .  
30- No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1763.80	105.41	Initial Hydro-static
2	14.89	104.92	Open To Flow (1)
32	21.89	106.08	Shut-In(1)
62	780.73	106.78	End Shut-In(1)
62	24.38	106.59	Open To Flow (2)
93	28.88	107.49	Shut-In(2)
123	654.22	108.08	End Shut-In(2)
123	1759.88	108.60	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: @ Degrees F = PPM	0.00
0.00	API: @ Degrees F =	0.00
30.00	VSOCM 1o 99m	0.15

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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**FLUID SUMMARY**

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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:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: @ Degrees F = PPM	0.000
0.00	API: @ Degrees F =	0.000
30.00	VSOCM 1o 99m	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

