



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**S2-16s-31w Scott, KS**

202 W Main St.  
Salem, IL 62881

**York #1-2**

Job Ticket: 53042

**DST#: 7**

ATTN: Tim Priest

Test Start: 2013.08.22 @ 11:07:00

## GENERAL INFORMATION:

Formation: **LKC "K"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:23:20  
 Time Test Ended: 17:57:39  
 Interval: **4189.00 ft (KB) To 4220.00 ft (KB) (TVD)**  
 Total Depth: 4220.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Cornelio Landa III  
 Unit No: 62  
 Reference Elevations: 2876.00 ft (KB)  
 2866.00 ft (CF)  
 KB to GR/CF: 10.00 ft

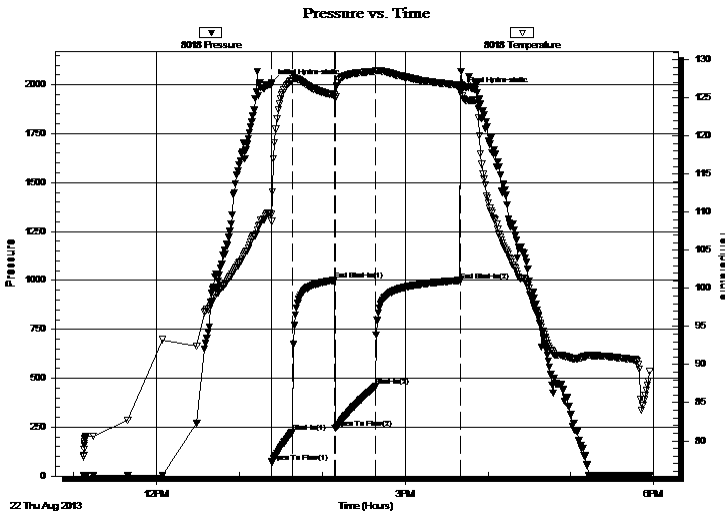
## Serial #: 8018

Inside

Press @ Run Depth: 458.04 psig @ 4196.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.08.22 End Date: 2013.08.22 Last Calib.: 2013.08.23  
 Start Time: 11:07:02 End Time: 17:57:40 Time On Btm: 2013.08.22 @ 13:23:10  
 Time Off Btm: 2013.08.22 @ 15:40:20

**TEST COMMENT:** IF: B.o.b. in 3 min.  
 IS: Bled off in 2 min.-surface blow back-died in 13 min.  
 FF: B.o.b. in 3 1/2 min.  
 FS: Bled off in 1 min.-No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.48	109.74	Initial Hydro-static
1	72.64	108.79	Open To Flow (1)
15	224.44	127.32	Shut-In(1)
46	1000.74	125.34	End Shut-In(1)
46	246.13	124.92	Open To Flow (2)
76	458.04	128.45	Shut-In(2)
137	999.89	126.64	End Shut-In(2)
138	1963.33	126.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	Gmw with oil specs 5g 25m 70w	3.12
420.00	Gmw 5g 5m 90w	5.89
120.00	Gw m 5g 20w 75m	1.68

\* Recovery from multiple tests

## 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:

60000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
300.00	Gmw with oil specs 5g 25m 70w	3.124
420.00	Gmw 5g 5m 90w	5.891
120.00	Gw m 5g 20w 75m	1.683

Total Length: 840.00 ft      Total Volume: 10.698 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .09 @ 95 Degrees F = 60000 PPM

