



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc

**23-13s-31w**

202 W Main Street  
Salem, IL 62881

**Zerr Trust #4-23**

Job Ticket: 53320

**DST#: 2**

ATTN: Tim Priest

Test Start: 2013.07.16 @ 04:20:00

## GENERAL INFORMATION:

Formation: **Lansing "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:55:10

Time Test Ended: 12:16:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III (

Unit No: 62

**Interval: 4003.00 ft (KB) To 4025.00 ft (KB) (TVD)**

Reference Elevations: 2880.00 ft (KB)

Total Depth: 4025.00 ft (KB) (TVD)

2870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 6751 Outside**

Press @ RunDepth: 169.18 psig @ 4008.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.16

End Date: 2013.07.16

Last Calib.: 2013.07.16

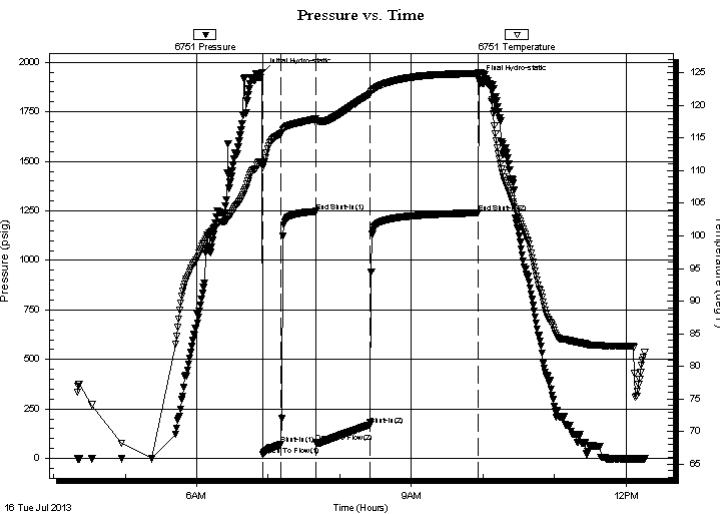
Start Time: 04:20:05

End Time: 12:15:59

Time On Btm: 2013.07.16 @ 06:55:00

Time Off Btm: 2013.07.16 @ 09:56:20

**TEST COMMENT:** IF: B.o.b. in 6 1/2 mins.  
IS: Bled off for 3 mins-1/2 return  
FF: B.o.b in 5 1/2 mins.  
FS: Bled off in 1 1/2 mins- B.o.b. in 33 mins-blow started dying 1 hr into-lost 1 inch



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.95	111.39	Initial Hydro-static
1	18.66	110.50	Open To Flow (1)
16	70.97	115.71	Shut-In(1)
45	1246.83	117.95	End Shut-In(1)
46	81.70	117.39	Open To Flow (2)
91	169.18	121.71	Shut-In(2)
181	1239.30	124.84	End Shut-In(2)
182	1910.47	125.05	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
118.00	Go 20g 80o	0.58
382.00	Go 5g 95o	5.36
0.00	1000 GIP	0.00

\* 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:

43 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
118.00	Go 20g 80o	0.580
382.00	Go 5g 95o	5.358
0.00	1000 GIP	0.000

Total Length: 500.00 ft

Total Volume: 5.938 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 41 @ 84

### Pressure vs. Time

