



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**36-16s-34w Scott Co.**

202 W Main St  
Salem, IL 62881

**Janzen #3-36**

Job Ticket: 56354

**DST#: 3**

ATTN: Mark Herndon

Test Start: 2014.02.25 @ 21:36:00

## GENERAL INFORMATION:

Formation: **Marmaton " B "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:45:45

Time Test Ended: 07:51:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: #71

**Interval: 4477.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Reference Elevations: 3114.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3102.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

**Serial #: 8845 Outside**

Press@RunDepth: 33.05 psig @ 4478.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.02.25

End Date:

2014.02.26

Last Calib.:

2014.02.26

Start Time: 21:36:05

End Time:

07:51:30

Time On Btm:

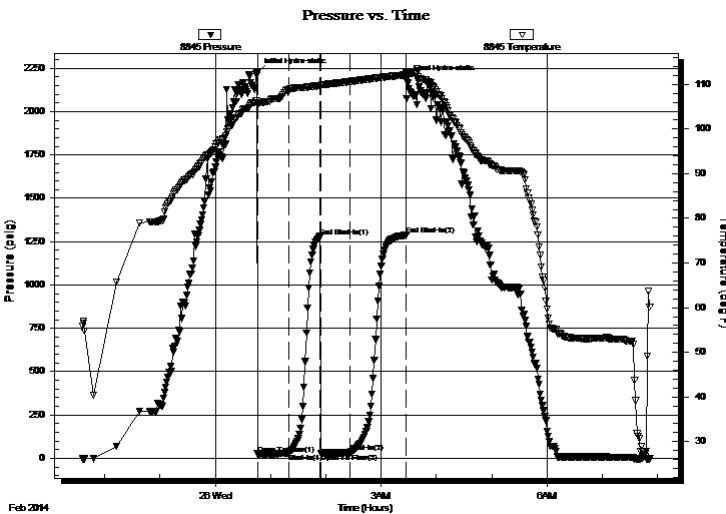
2014.02.26 @ 00:45:30

Time Off Btm:

2014.02.26 @ 03:28:15

TEST COMMENT: IF: 3" Blow.  
IS: No Return.  
FF: 3 3/4" Blow.  
FS: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.04	106.33	Initial Hydro-static
1	25.57	105.67	Open To Flow (1)
34	30.96	108.33	Shut-In(1)
69	1279.74	109.68	End Shut-In(1)
69	30.26	109.63	Open To Flow (2)
101	33.05	110.63	Shut-In(2)
162	1287.86	112.12	End Shut-In(2)
163	2184.39	112.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
13.00	OCM 40o 60m	0.18
2.00	Clean Oil 100o	0.03

## Gas Rates

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

\* Recovery from multiple tests



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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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
13.00	OCM 40o 60m	0.182
2.00	Clean Oil 100o	0.028

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8845

Outside Shakespeare Oil Co., Inc.

Janzen #3-36

DST Test Number: 3

### Pressure vs. Time

