



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**25-16s-34w Scott Co.**

202 W Main St  
Salem, IL 62881

**Ortega #1-25**

Job Ticket: 56725

**DST#: 2**

ATTN: Tim Priest

Test Start: 2014.02.20 @ 22:53:00

## GENERAL INFORMATION:

Formation: **Marmaton " A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:38:45

Time Test Ended: 06:13:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 71

**Interval: 4431.00 ft (KB) To 4460.00 ft (KB) (TVD)**

Total Depth: 4460.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3105.00 ft (KB)

3095.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8845**

**Inside**

Press @ Run Depth: 1339.69 psig @ 4432.00 ft (KB)

Start Date: 2014.02.20

End Date: 2014.02.21

Start Time: 22:53:05

End Time: 06:13:14

Capacity: 8000.00 psig

Last Calib.: 2014.02.21

Time On Btm: 2014.02.21 @ 01:38:30

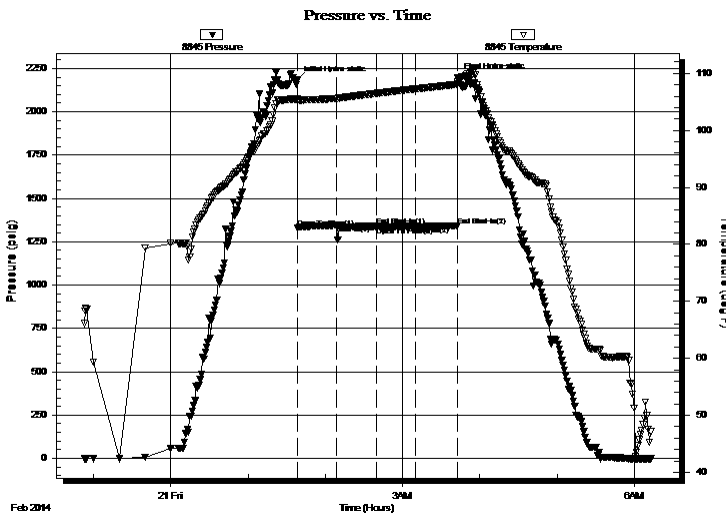
Time Off Btm: 2014.02.21 @ 03:43:00

TEST COMMENT: IF: Weak Surface Blow Died @ 8 min.

IS: No Return.

FF: No Blow .

FS: No Return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.74	105.53	Initial Hydro-static
1	1329.39	105.25	Open To Flow (1)
31	1346.40	105.62	Shut-In(1)
61	1339.57	106.48	End Shut-In(1)
62	1336.00	106.50	Open To Flow (2)
92	1339.69	107.28	Shut-In(2)
124	1340.48	108.05	End Shut-In(2)
125	2196.49	108.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	0.02

## 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: 54.00 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: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

