



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co., Inc.

**S26-16s-34w Scott, KS**

202 W. Main St.  
Salem, IL 62881

**Janzen #2-26**

Job Ticket: 51294

**DST#: 5**

ATTN: Tim Priest

Test Start: 2013.03.10 @ 18:30:00

## GENERAL INFORMATION:

Formation: **Altamont 'B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:54:40

Time Test Ended: 03:29:19

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

**Interval: 4474.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4490.00 ft (KB) (TVD)

3115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

## Serial #: 8018

Inside

Press @ Run Depth: 468.43 psig @ 4477.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.03.10

End Date:

2013.03.11

Last Calib.: 2013.03.11

Start Time: 18:30:02

End Time:

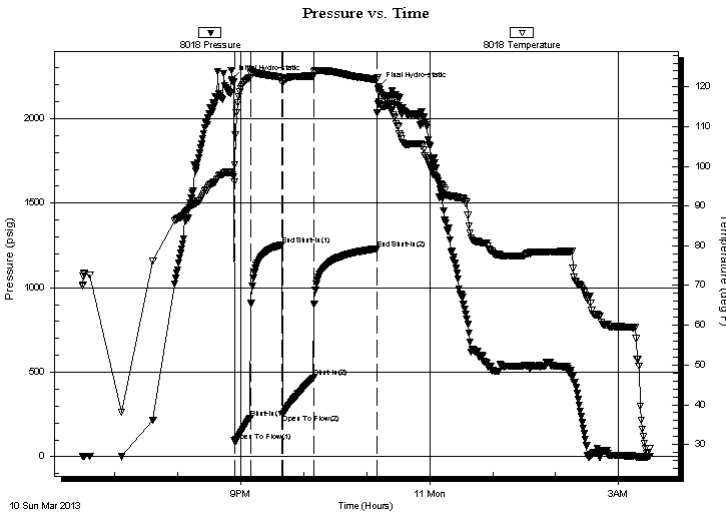
03:29:19

Time On Btm: 2013.03.10 @ 20:51:50

Time Off Btm: 2013.03.10 @ 23:11:40

TEST COMMENT: B.O.B. @ 2 min.  
B.O.B. @ 25 min.  
B.O.B. @ 4 min.  
B.O.B. @ 55 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2231.69	98.43	Initial Hydro-static
3	90.50	100.30	Open To Flow (1)
18	231.11	122.36	Shut-In(1)
48	1254.03	122.14	End Shut-In(1)
49	249.70	120.78	Open To Flow (2)
78	468.43	122.70	Shut-In(2)
139	1231.28	121.83	End Shut-In(2)
140	2190.23	118.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: @ 31 Degrees F = 000 PPM	0.00
0.00	620' GIP	0.00
120.00	OSMW 50m 50w	0.59
930.00	GO 15g 85o Circulated out to res. pit	13.05
124.00	GO 20g 80o	1.74
144.00	GO 10g 90o	2.02

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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Test Start: 2013.03.10 @ 18:30:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW: @ 31 Degrees F = 000 PPM	0.000
0.00	620' GIP	0.000
120.00	OSMW 50m 50w	0.590
930.00	GO 15g 85o Circulated out to res. pit	13.045
124.00	GO 20g 80o	1.739
144.00	GO 10g 90o	2.020

Total Length: 1318.00 ft      Total Volume: 17.394 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 33 @ 60 Degrees F = 33.

### Pressure vs. Time

