



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc  
 202 W Main Street  
 Salem, IL 62881  
 ATTN: Tim Priest

**28 16s 34w Scott, Ks**  
**Nightengale 1-28**  
 Job Ticket: 49159 **DST#: 8**  
 Test Start: 2013.03.29 @ 08:29:00

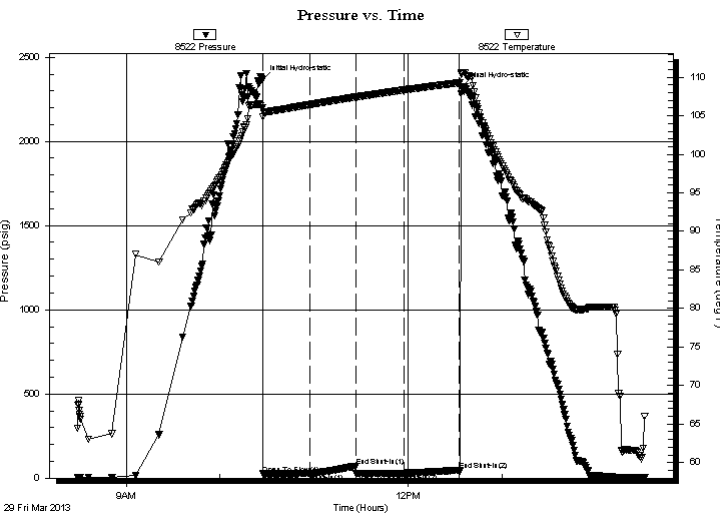
## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:27:15  
 Time Test Ended: 14:31:30  
 Interval: **4640.00 ft (KB) To 4720.00 ft (KB) (TVD)**  
 Total Depth: 4720.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 53  
 Reference Elevations: 3140.00 ft (KB)  
 3130.00 ft (CF)  
 KB to GR/CF: 10.00 ft

## Serial #: 8522 Outside

Press @ Run Depth: 29.78 psig @ 4641.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.03.29 End Date: 2013.03.29 Last Calib.: 2013.03.29  
 Start Time: 08:29:05 End Time: 14:31:29 Time On Btm: 2013.03.29 @ 10:27:00  
 Time Off Btm: 2013.03.29 @ 12:34:15

TEST COMMENT: IF: 1/4" blow , reseeded to weak surface blow .  
 IS: No return.  
 FF: No blow .  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2366.20	106.05	Initial Hydro-static
1	24.52	104.82	Open To Flow (1)
31	26.68	106.46	Shut-In(1)
60	70.61	107.43	End Shut-In(1)
60	28.07	107.43	Open To Flow (2)
91	29.78	108.36	Shut-In(2)
126	47.39	109.29	End Shut-In(2)
128	2325.53	110.56	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	MUD 100M (OIL SPOTS)	0.15

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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**DST#: 8**

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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MUD 100M (OIL SPOTS)	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8522

Outside Shakespeare Oil Co, Inc

Nightengale 1-28

DST Test Number: 8

