



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC  
202 W Main st  
Salem IL 62881 + 1519  
ATTN: Don Williams

**Scheetz 2-16**  
**16-13s-32w-Logan**  
Job Ticket: 43212      **DST#: 7**  
Test Start: 2011.09.24 @ 22:16:15

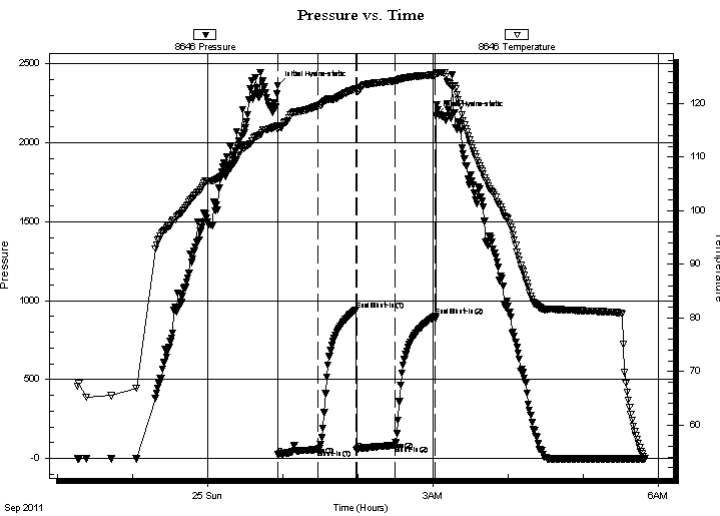
## GENERAL INFORMATION:

Formation: **Morrow Sand**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 00:56:15  
Time Test Ended: 05:50:00  
**Interval: 4600.00 ft (KB) To 4645.00 ft (KB) (TVD)**  
Total Depth: 4645.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Mike Roberts / Will  
Unit No: 48  
Reference Elevations: 3033.00 ft (KB)  
3023.00 ft (CF)  
KB to GR/CF: 10.00 ft

## Serial #: 8646

Press @ Run Depth: 83.90 psig @                      ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.09.24      End Date: 2011.09.25      Last Calib.: 2011.09.25  
Start Time: 22:16:00      End Time: 05:49:45      Time On Btm: 2011.09.25 @ 00:55:45  
Time Off Btm: 2011.09.25 @ 03:02:15

TEST COMMENT: IF- Surface Blow Built to 6 1/2"  
IS- No Blow  
FF- Surface Blow Built to 8"  
FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2362.51	115.83	Initial Hydro-static
1	23.62	115.21	Open To Flow (1)
33	58.00	119.60	Shut-In(1)
63	941.01	122.71	End Shut-In(1)
63	54.21	122.39	Open To Flow (2)
94	83.90	124.27	Shut-In(2)
126	900.60	125.37	End Shut-In(2)
127	2171.03	125.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	OGCM 1%oil 2%g 97%m	0.87
149.00	OCM 1%oil 99%m	2.09

\* Recovery from multiple tests

## Gas Rates

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



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**DST#: 7**

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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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	OGCM 1%oil 2%g 97%m	0.870
149.00	OCM 1%oil 99%m	2.090

Total Length: 211.00 ft

Total Volume: 2.960 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

