



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Company Inc.

**Younkin 1-2**

202 W Main ST  
Salem IL, 62881-1519

**2-14-34w**

Job Ticket: 43226

**DST#: 3**

ATTN: Kevin Bailey

Test Start: 2011.07.16 @ 12:35:00

## GENERAL INFORMATION:

Formation: **Myric Station & Fort**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:37:30

Time Test Ended: 18:47:15

Test Type: Conventional Bottom Hole

Tester: Jace McKinney

Unit No: 28

**Interval: 4305.00 ft (KB) To 4350.00 ft (KB) (TVD)**

Reference Elevations: 2920.00 ft (KB)

Total Depth: 4350.00 ft (KB) (TVD)

2910.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8675**

**Inside**

Press @ Run Depth: 19.89 psig @ 4306.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.16

End Date:

2011.07.16

Last Calib.:

2011.07.16

Start Time: 12:35:01

End Time:

18:47:15

Time On Btm:

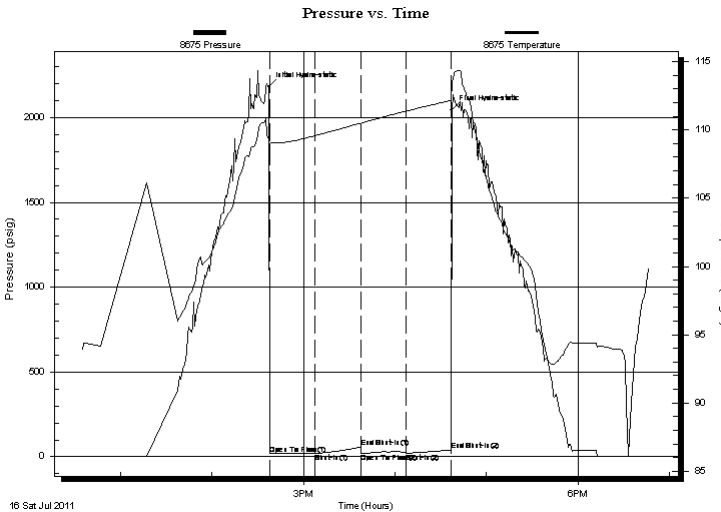
2011.07.16 @ 14:37:15

Time Off Btm:

2011.07.16 @ 16:37:15

**TEST COMMENT:** Very Weak Surface Blow  
No Return Blow  
Very Weak Surface Blow  
No Return Blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.38	109.34	Initial Hydro-static
1	16.89	108.04	Open To Flow (1)
31	18.70	109.58	Shut-In(1)
60	56.41	110.49	End Shut-In(1)
61	19.26	110.48	Open To Flow (2)
90	19.89	111.37	Shut-In(2)
120	40.41	112.17	End Shut-In(2)
120	2046.15	113.51	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	oscum m 100%M	0.01

## Gas Rates

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



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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: 73.00 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: 7200.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	oscum m 100%M	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

