



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co

**Nichols 1-15**

202 W Main St.  
Salem, IL 62881

**15-16-34 Scott, KS**

ATTN: Tim Priest

Job Ticket: 43689

**DST#: 4**

Test Start: 2011.09.01 @ 19:15:37

## GENERAL INFORMATION:

Formation: **J**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: 21:01:32 Tester: **Brandon Turley**  
 Time Test Ended: 02:15:16 Unit No: **35**  
**Interval: 4277.00 ft (KB) To 4300.00 ft (KB) (TVD)** Reference Elevations: **3130.00 ft (KB)**  
 Total Depth: **4300.00 ft (KB) (TVD)** **3120.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

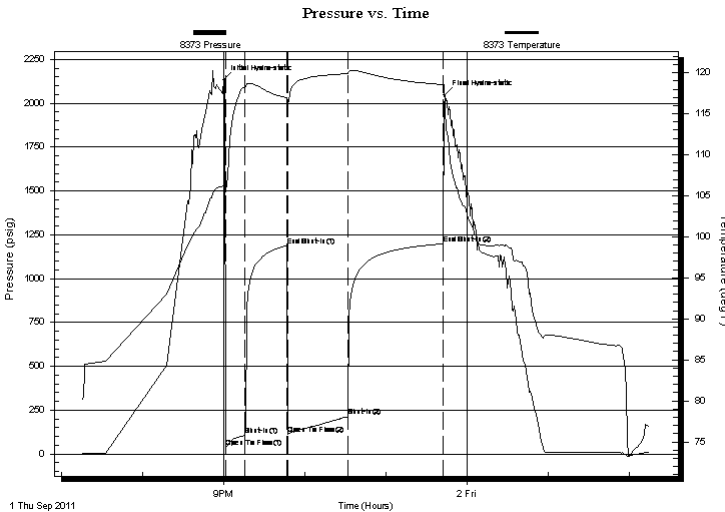
## Serial #: 8373

**Inside**

Press @ Run Depth: 213.51 psig @ 4282.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.09.01 End Date: 2011.09.02 Last Calib.: 2011.09.02  
 Start Time: 19:15:37 End Time: 02:15:16 Time On Btm: 2011.09.01 @ 21:00:02  
 Time Off Btm: 2011.09.01 @ 23:43:31

**TEST COMMENT:** IF: 1/4 blow BOB in 13 min.  
 IS: No return.  
 FF: Surface blow BOB in 16 min.  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.36	106.13	Initial Hydro-static
2	38.86	105.50	Open To Flow (1)
16	105.93	118.34	Shut-In(1)
47	1188.06	116.93	End Shut-In(1)
48	112.42	116.24	Open To Flow (2)
92	213.51	119.90	Shut-In(2)
162	1197.79	118.53	End Shut-In(2)
164	2046.62	115.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
248.00	water 100%w	2.36
186.00	mcw oil spots 80%w 20%m	2.61

## 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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 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 bbbl
248.00	water 100%w	2.358
186.00	mcw oil spots 80%w 20%m	2.609

Total Length: 434.00 ft      Total Volume: 4.967 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .23@73=27000

