



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co.

**Campbell 1-17**

202 W Main St.  
Salem IL 62881

**17-13-32 Logan, Ks**

ATTN: Tim Priest

Job Ticket: 039163

**DST#: 8**

Test Start: 2010.07.10 @ 17:53:00

## GENERAL INFORMATION:

Formation: **Altamout and Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:42:45

Time Test Ended: 23:27:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 35

**Interval: 4398.00 ft (KB) To 4451.00 ft (KB) (TVD)**

Reference Elevations: 3027.00 ft (KB)

Total Depth: 4451.00 ft (KB) (TVD)

3017.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8289 Outside**

Press @ Run Depth: 54.98 psig @ 4399.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.10 End Date: 2010.07.10

Last Calib.: 2010.07.10

Start Time: 17:53:05 End Time: 23:26:59

Time On Btm: 2010.07.10 @ 19:42:30

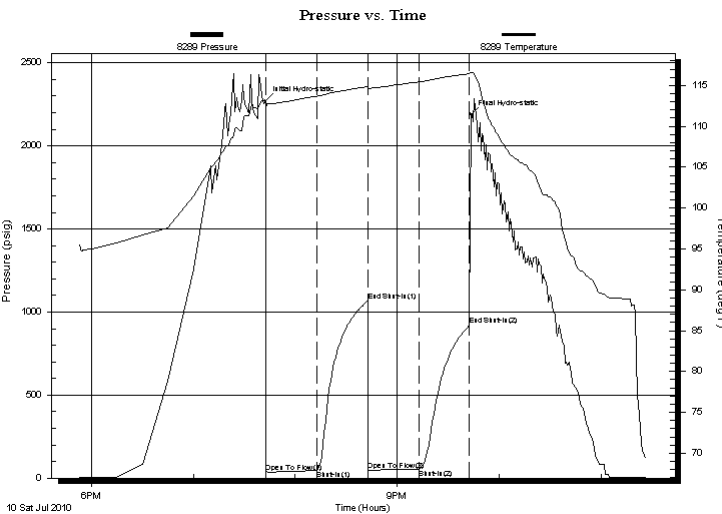
Time Off Btm: 2010.07.10 @ 21:43:15

**TEST COMMENT:** IF:Weak surface blow died in 9 min.

IS:No return blow

FF:No blow

FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2272.04	113.20	Initial Hydro-static
1	38.03	112.15	Open To Flow (1)
30	45.06	113.67	Shut-In(1)
61	1068.76	114.86	End Shut-In(1)
61	48.75	114.38	Open To Flow (2)
91	54.98	115.43	Shut-In(2)
120	919.00	116.44	End Shut-In(2)
121	2189.32	116.59	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	mw os 100% m	0.15

## 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:

0 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mw os 100%m	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:

