



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil  
202 West Main St.  
Salem, IL  
62881  
ATTN: Mark Herndon

**36-16s-34w Scott, Ks**  
**Janzen #6-36**  
Job Ticket: 56332      **DST#: 1**  
Test Start: 2014.04.05 @ 05:56:05

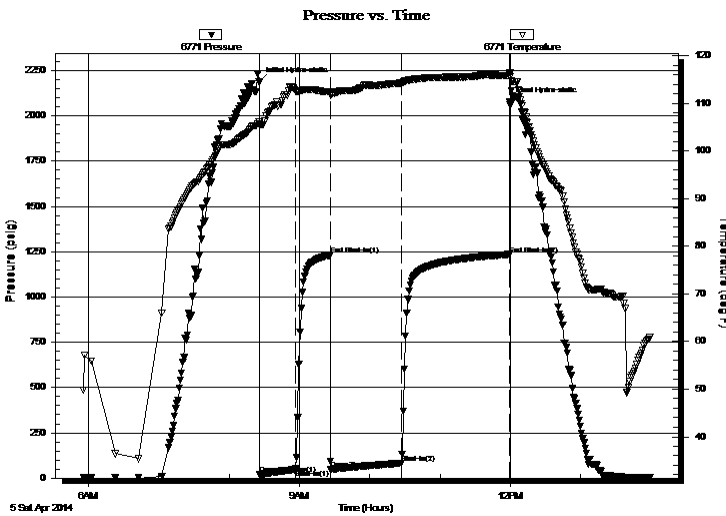
## GENERAL INFORMATION:

Formation: **Marmaton A**  
Deviated: No Whipstock: 0.00 ft (KB)  
Time Tool Opened: 08:26:05  
Time Test Ended: 14:10:05  
Interval: **4400.00 ft (KB) To 4460.00 ft (KB) (TVD)**  
Total Depth: 4460.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Shane McBride  
Unit No: 55  
Reference Elevations: 3116.00 ft (KB)  
3104.00 ft (CF)  
KB to GR/CF: 12.00 ft

**Serial #: 6771      Inside**  
Press @ Run Depth: 83.23 psig @ 4401.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2014.04.05      End Date: 2014.04.05      Last Calib.: 2014.04.05  
Start Time: 05:56:05      End Time: 13:59:05      Time On Btm: 2014.04.05 @ 08:25:50  
Time Off Btm: 2014.04.05 @ 11:59:20

**TEST COMMENT:** 9" in blow  
No return  
11" in blow  
Return blow in 9 min., built to 1/4" in, died in 52 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.42	106.15	Initial Hydro-static
1	20.67	105.47	Open To Flow (1)
31	46.73	112.68	Shut-In(1)
61	1231.37	112.51	End Shut-In(1)
61	48.69	112.08	Open To Flow (2)
122	83.23	114.26	Shut-In(2)
214	1234.70	115.90	End Shut-In(2)
214	2079.60	116.49	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
20.00	c g o 15%g 85%o	0.28
60.00	g m c o 20%g 30%m 50%o	0.84
60.00	g o & w c m 10%g 5%o 25%w 60%m	0.84
0.00	280' gas in pipe	0.00

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





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**FLUID SUMMARY**

Shakespeare Oil

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202 West Main St.  
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62881

**Janzen #6-36**

Job Ticket: 56332

**DST#: 1**

ATTN: Mark Herndon

Test Start: 2014.04.05 @ 05:56:05

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

27000 ppm

Viscosity: 57.00 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: 7000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	c g o 15%g 85%o	0.281
60.00	g m c o 20%g 30%m 50%o	0.842
60.00	g o & w c m 10%g 5%o 25%w 60%m	0.842
0.00	280' gas in pipe	0.000

Total Length: 140.00 ft      Total Volume: 1.965 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .301 @ 60\*f= 27,000 chlor

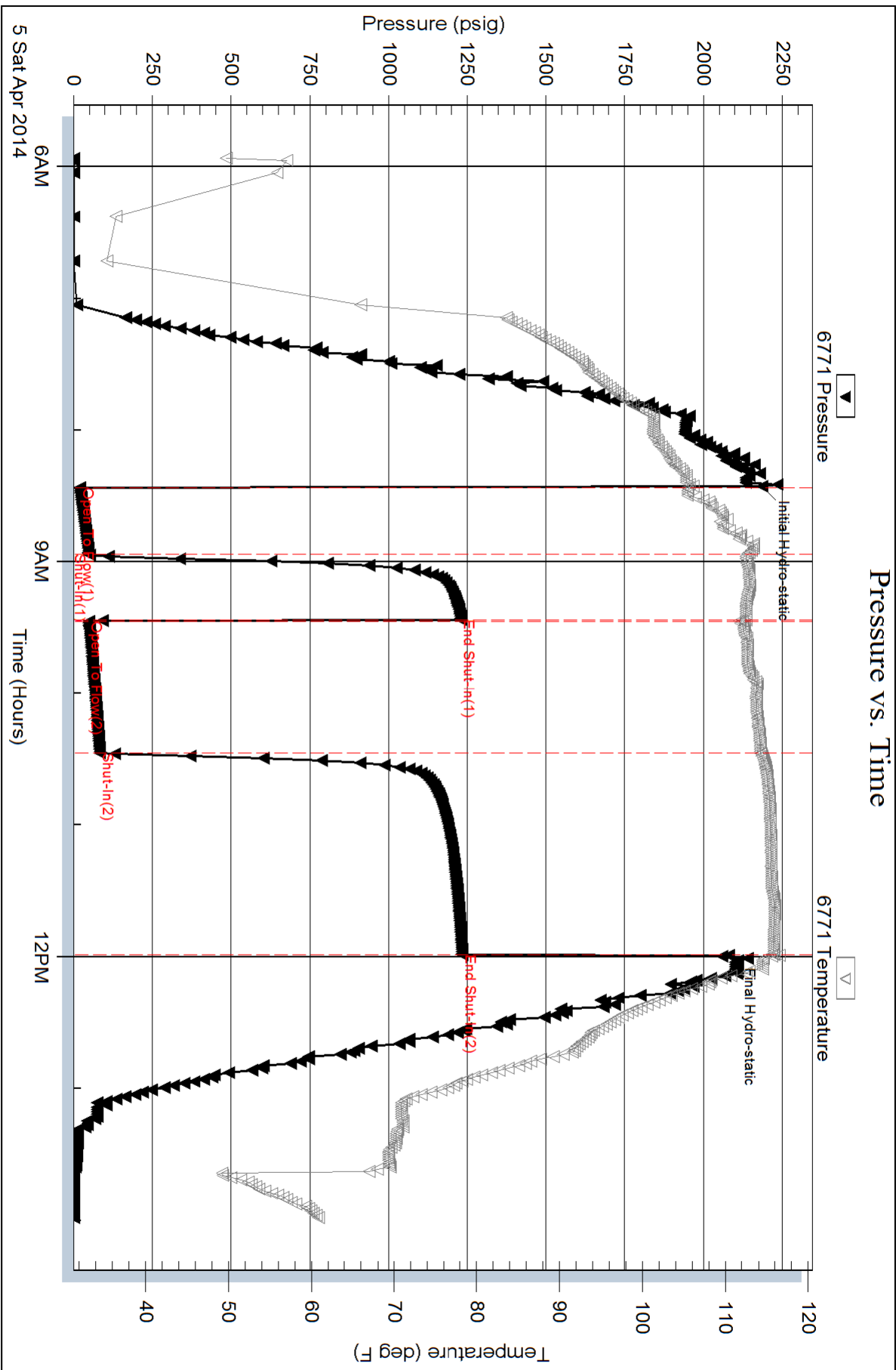
Serial #: 6771

Inside

Shakespeare Oil

Janzen #6-36

DST Test Number: 1



Serial #: 8844

Outside Shakespeare Oil

Janzen #6-36

DST Test Number: 1

