

**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co

**5-20-30 Lane Ks**

202 W Main St  
Salem, IL 62881

**Goering 1-5**

Job Ticket: 63855

**DST#: 1**

ATTN: Tim Priest

Test Start: 2017.07.18 @ 14:31:36

## GENERAL INFORMATION:

Formation: **L**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole (Initial)**  
 Time Tool Opened: 16:18:06 Tester: **Brandon Turley**  
 Time Test Ended: 20:59:36 Unit No: **79**

**Interval: 4330.00 ft (KB) To 4365.00 ft (KB) (TVD)** Reference Elevations: **2950.00 ft (KB)**  
 Total Depth: **4365.00 ft (KB) (TVD)** **2940.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good** KB to GR/CF: **10.00 ft**

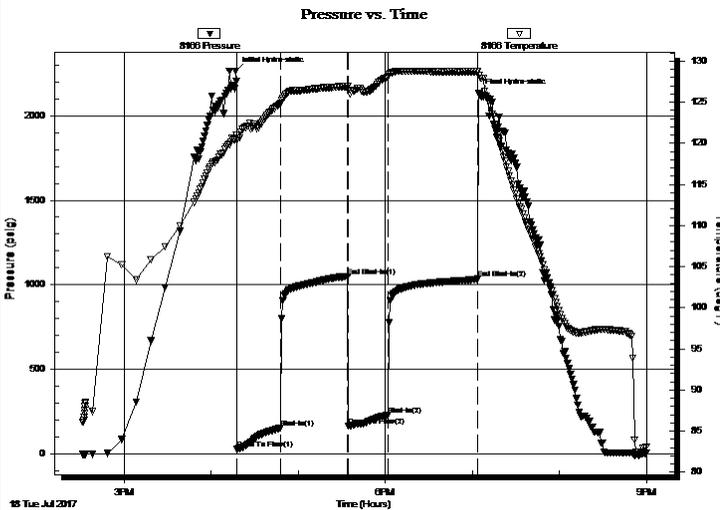
## Serial #: 8166

**Outside**

Press@RunDepth: 231.47 psig @ 4331.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.07.18 End Date: 2017.07.18 Last Calib.: 2017.07.18  
 Start Time: 14:31:41 End Time: 20:59:35 Time On Btm: 2017.07.18 @ 16:17:06  
 Time Off Btm: 2017.07.18 @ 19:04:36

**TEST COMMENT:** IF: BOB in 23 min.  
 IS: No return.  
 FF: Surface blow built to 9 in 30 min.  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.86	120.65	Initial Hydro-static
1	26.53	120.44	Open To Flow (1)
31	152.75	124.85	Shut-In(1)
77	1049.20	126.89	End Shut-In(1)
78	163.91	126.46	Open To Flow (2)
105	231.47	128.10	Shut-In(2)
167	1034.71	128.71	End Shut-In(2)
168	2131.08	128.30	Final Hydro-static

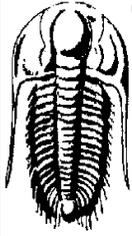
## Recovery

Length (ft)	Description	Volume (bbl)
252.00	mcw 90%w 10%m	1.42
229.00	w cm 30%w 70%m	3.21

## Gas Rates

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





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**FLUID SUMMARY**

Shakespeare Oil Co

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Salem, IL 62881

**Goering 1-5**

Job Ticket: 63855

**DST#: 1**

ATTN: Tim Priest

Test Start: 2017.07.18 @ 14:31:36

## 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:

38000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
252.00	mcw 90%w 10%m	1.421
229.00	w cm 30%w 70%m	3.212

Total Length: 481.00 ft      Total Volume: 4.633 bbf

Num Fluid Samples: 0

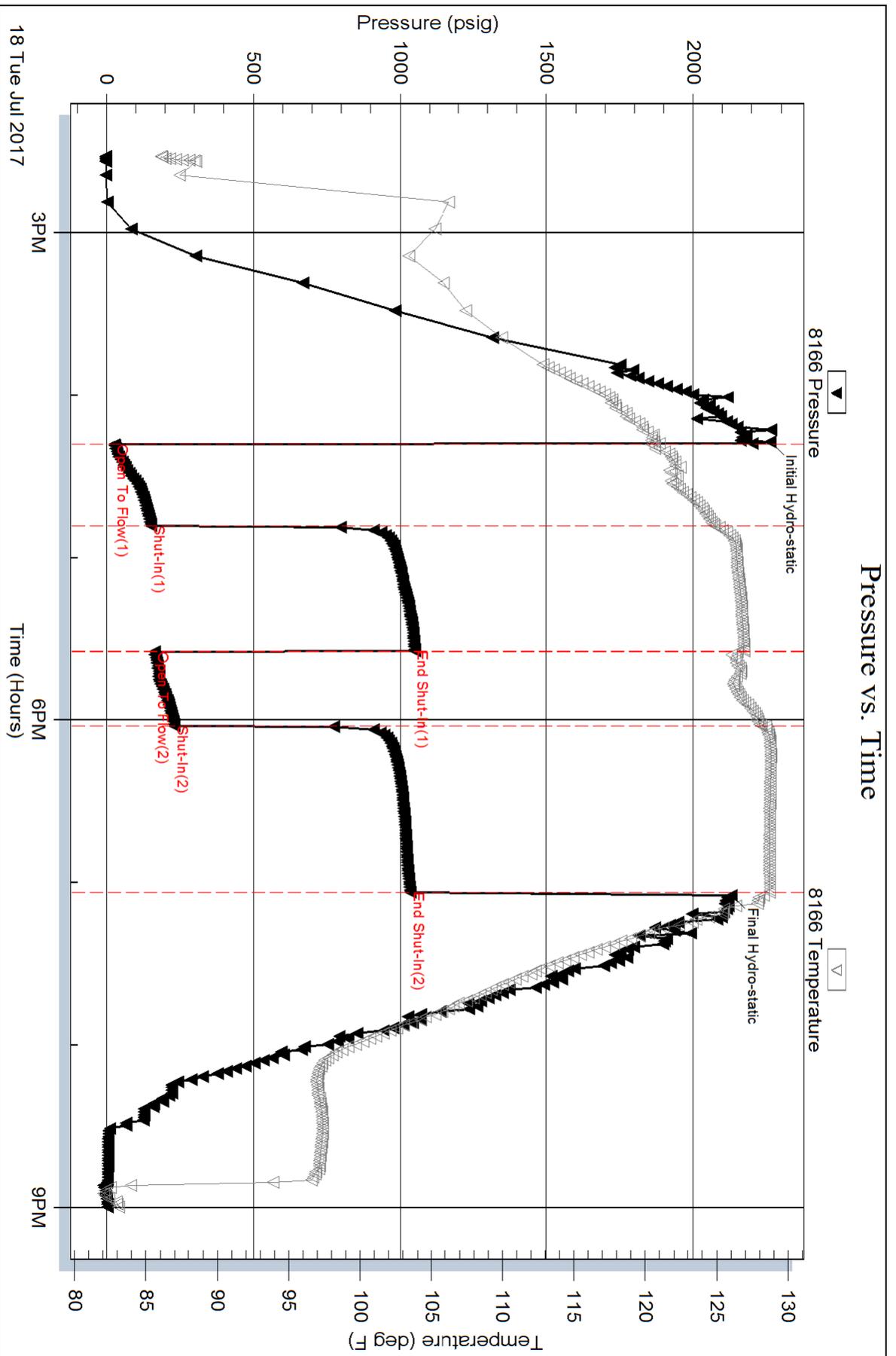
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .14@93=38000



Serial #: 8875

Inside

Shakespeare Oil Co

Goering 1-5

DST Test Number: 1

