



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co

**28-14s-32w Logan Ks**

202 W Main St  
Salem, IL 62881

**Ottley 4-28**

Job Ticket: 64831

**DST#: 3**

ATTN: Tim Lauer

Test Start: 2019.06.27 @ 11:25:15

## GENERAL INFORMATION:

Formation: **H-I-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:12:15

Time Test Ended: 18:18:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 3795.00 ft (KB) To 3905.00 ft (KB) (TVD)**

Reference Elevations: 2673.00 ft (KB)

Total Depth: 3905.00 ft (KB) (TVD)

2664.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8521**

**Inside**

Press@RunDepth: 150.16 psig @ 3900.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.06.27

End Date:

2019.06.27

Last Calib.:

2019.06.27

Start Time:

11:25:15

End Time:

18:18:30

Time On Btm:

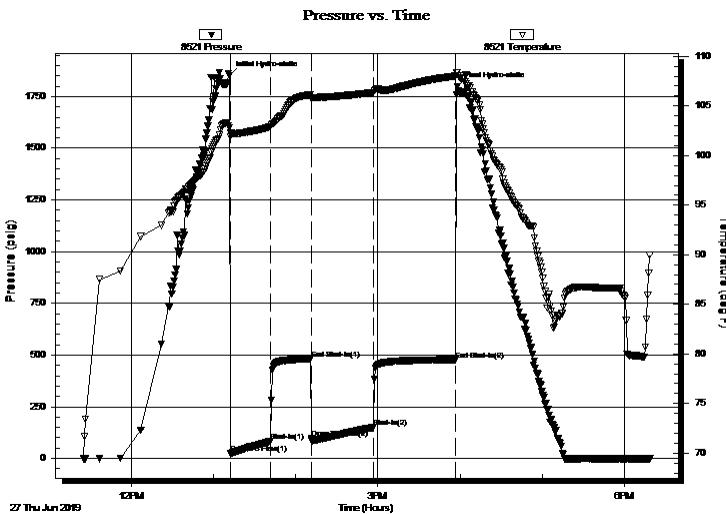
2019.06.27 @ 13:12:00

Time Off Btm:

2019.06.27 @ 15:58:15

**TEST COMMENT:** IF: Built to 10 3/4" blow  
IS: No return blow  
FF: Built to 8 1/2" blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1851.89	102.79	Initial Hydro-static
1	23.08	101.88	Open To Flow (1)
30	81.86	102.91	Shut-In(1)
60	481.17	106.11	End Shut-In(1)
60	97.49	105.72	Open To Flow (2)
105	150.16	106.36	Shut-In(2)
165	477.82	108.03	End Shut-In(2)
167	1797.96	108.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
216.00	ocm 2%o 98%m	3.03
124.00	w com 1%w 2%o 97%m	1.74

\* Recovery from multiple tests

## 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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
216.00	ocm 2%o 98%m	3.030
124.00	w com 1%w 2%o 97%m	1.739

Total Length: 340.00 ft      Total Volume: 4.769 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

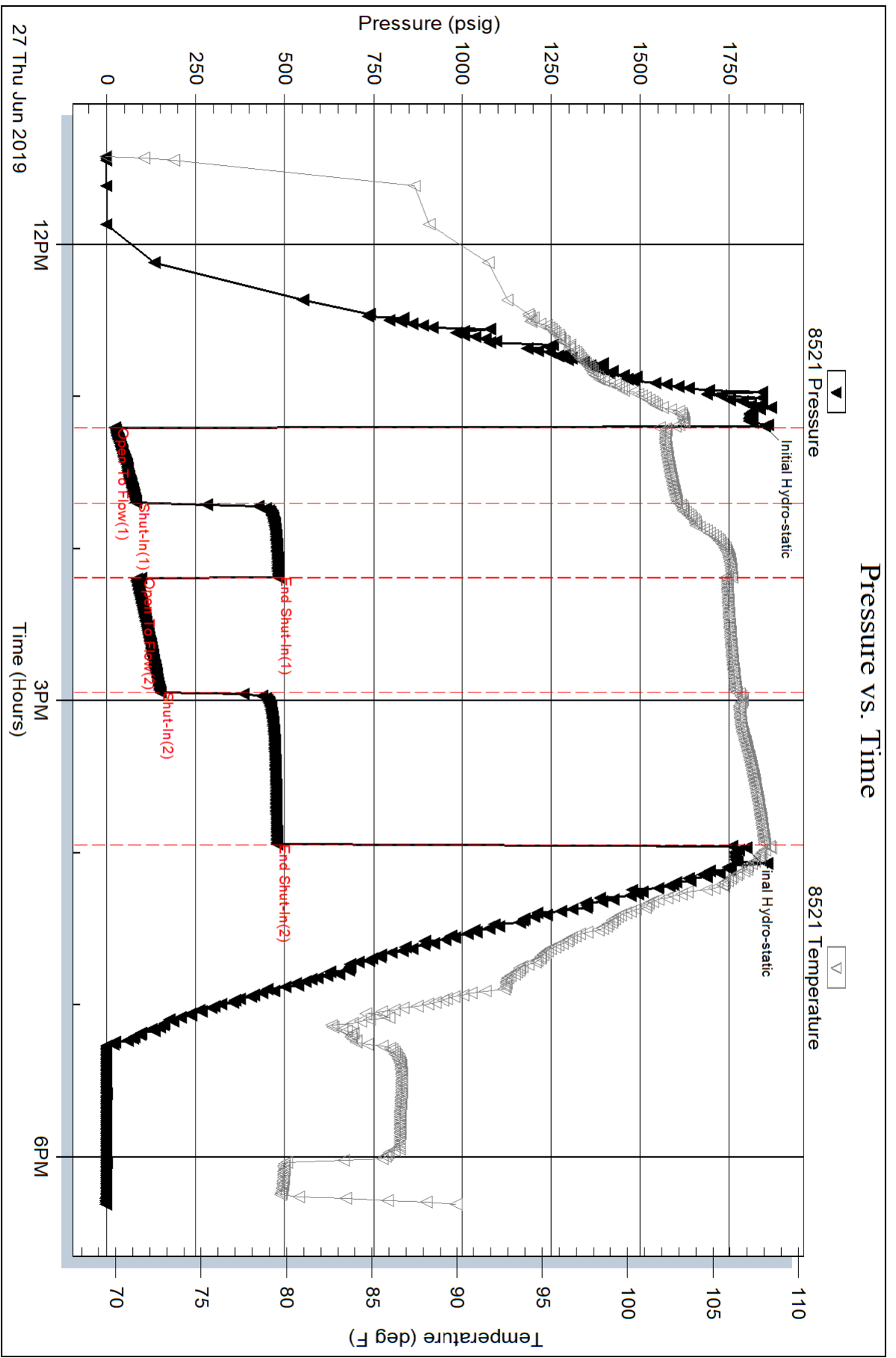
Serial #: 8521

Inside

Shakespeare Oil Co

Ottley 4-28

DST Test Number: 3



Serial #: 8968

Outside Shakespeare Oil Co

Otley 4-28

DST Test Number: 3

