



**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: 64834

**DST#: 6**

ATTN: Tim Lauer

Test Start: 2019.06.30 @ 14:15:15

## GENERAL INFORMATION:

Formation: **Cherokee-Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:13:30

Time Test Ended: 21:27:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4190.00 ft (KB) To 4280.00 ft (KB) (TVD)**

Reference Elevations: 2673.00 ft (KB)

Total Depth: 4280.00 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: 63.69 psig @ 4260.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.06.30

End Date:

2019.06.30

Last Calib.:

2019.06.30

Start Time: 14:15:15

End Time:

21:27:15

Time On Btm:

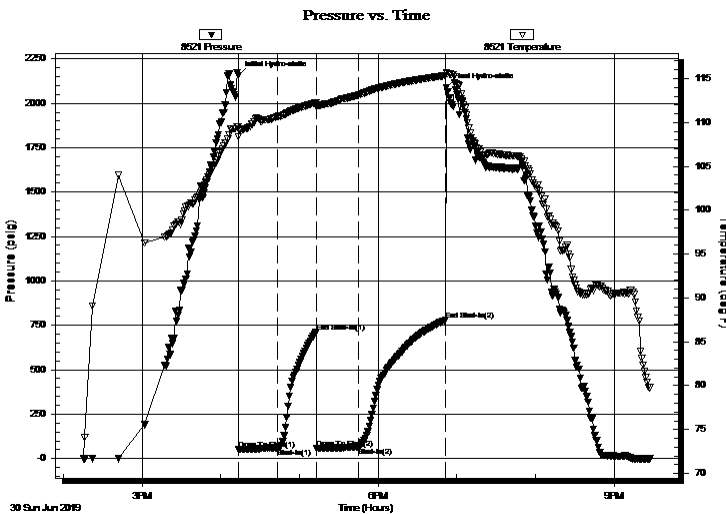
2019.06.30 @ 16:13:15

Time Off Btm:

2019.06.30 @ 18:52:15

**TEST COMMENT:** IF: Built to 1/4" blow  
IS: No return blow  
FF: Built to very weak surface blow  
FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.82	109.51	Initial Hydro-static
1	51.92	108.34	Open To Flow (1)
31	57.95	110.65	Shut-In(1)
60	711.35	112.25	End Shut-In(1)
60	57.94	111.74	Open To Flow (2)
92	63.69	113.12	Shut-In(2)
158	778.25	115.35	End Shut-In(2)
159	2088.29	115.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	m 100% m	0.28

\* Recovery from multiple tests

## Gas Rates

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





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**FLUID SUMMARY**

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Job Ticket: 64834

**DST#: 6**

ATTN: Tim Lauer

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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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	m 100%m	0.281

Total Length: 20.00 ft      Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

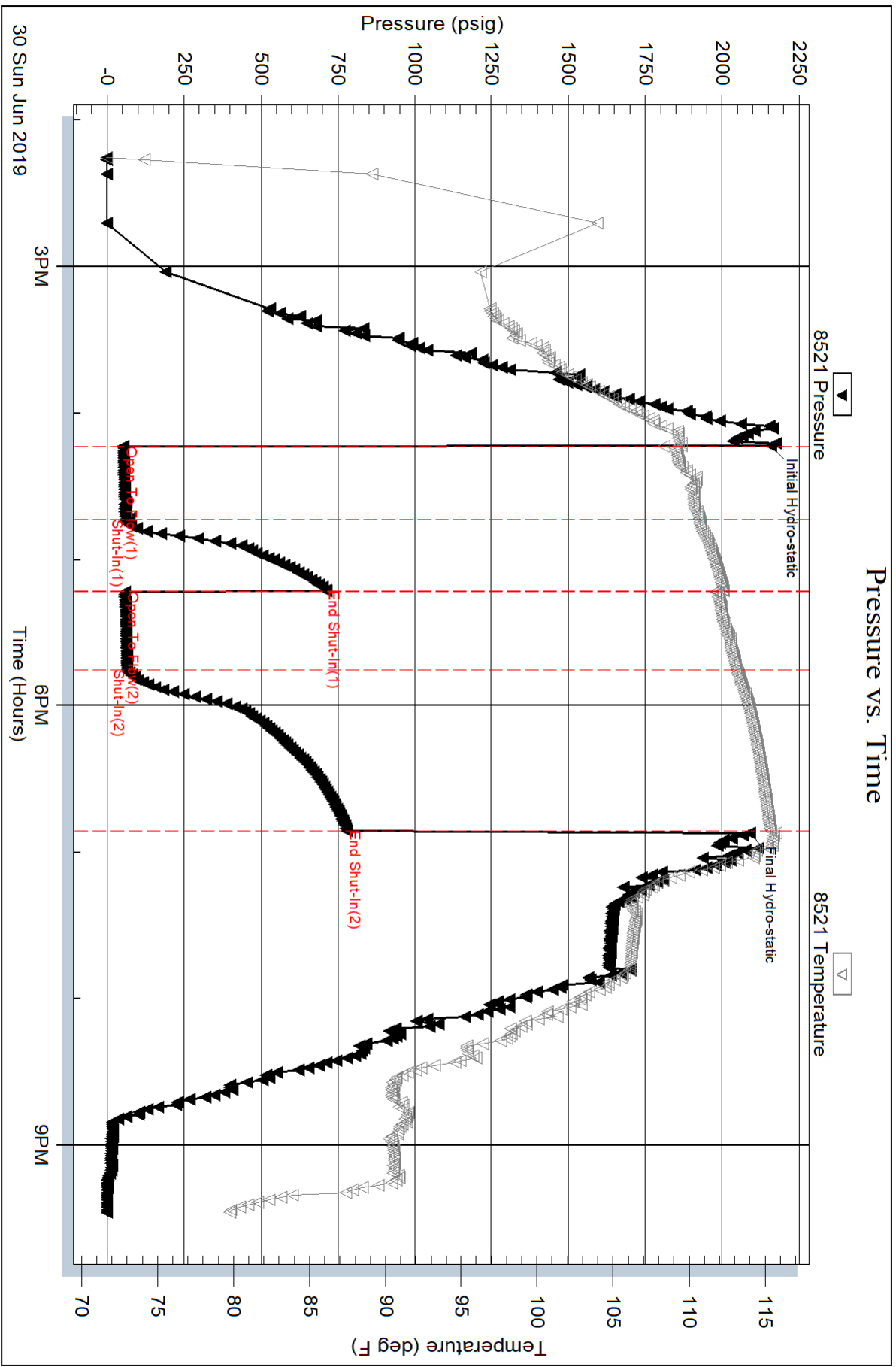
Serial #: 8521

Inside

Shakespeare Oil Co

Ottley 4-28

DST Test Number: 6



Serial #: 8968

Outside Shakespeare Oil Co

Otley 4-28

DST Test Number: 6

