



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co INC

**20 - 16S. - 34W. Scott, KS**

202 W. Main  
Salem, IL 62881

**Aldag # 1-20**

Job Ticket: 64362

**DST#: 1**

ATTN: Tim Lauer

Test Start: 2019.07.11 @ 17:06:00

## GENERAL INFORMATION:

Formation: **Marmaton " A - C "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:17:10

Time Test Ended: 00:38:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: **4440.00 ft (KB) To 4560.00 ft (KB) (TVD)**

Reference Elevations: 3153.00 ft (KB)

Total Depth: 4560.00 ft (KB) (TVD)

3144.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 30.21 psig @ 4441.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.07.11

End Date:

2019.07.12

Last Calib.:

2019.07.12

Start Time: 17:06:01

End Time:

00:38:00

Time On Btm:

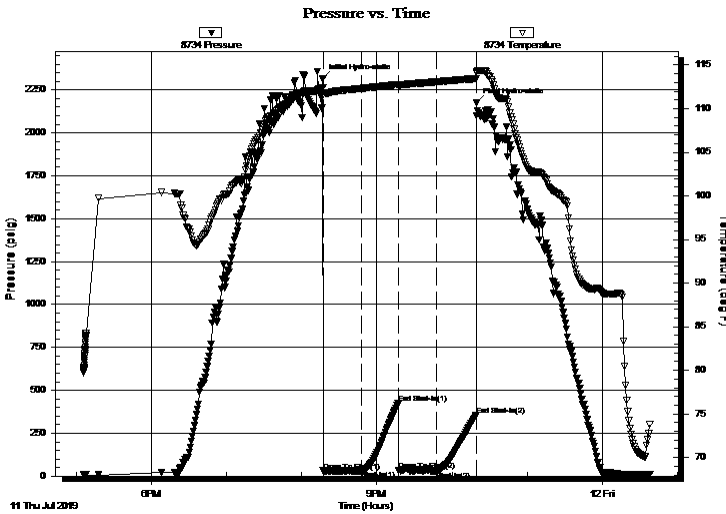
2019.07.11 @ 20:17:00

Time Off Btm:

2019.07.11 @ 22:19:39

TEST COMMENT: 30-IF-1/2" blow dead @ 19 mins  
30-ISI-No blow back  
30-FF-No blow  
30-FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2315.38	112.43	Initial Hydro-static
1	30.07	111.63	Open To Flow (1)
32	31.47	112.34	Shut-In(1)
61	423.98	112.76	End Shut-In(1)
61	31.68	112.59	Open To Flow (2)
91	30.21	113.07	Shut-In(2)
123	355.13	113.45	End Shut-In(2)
123	2173.54	114.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Mud	0.14
0.00	Oil spots in tool	0.00

## Gas Rates

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





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**FLUID SUMMARY**

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Salem, IL 62881

**Aldag # 1-20**

Job Ticket: 64362

**DST#: 1**

ATTN: Tim Lauer

Test Start: 2019.07.11 @ 17:06:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Mud	0.140
0.00	Oil spots in tool	0.000

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

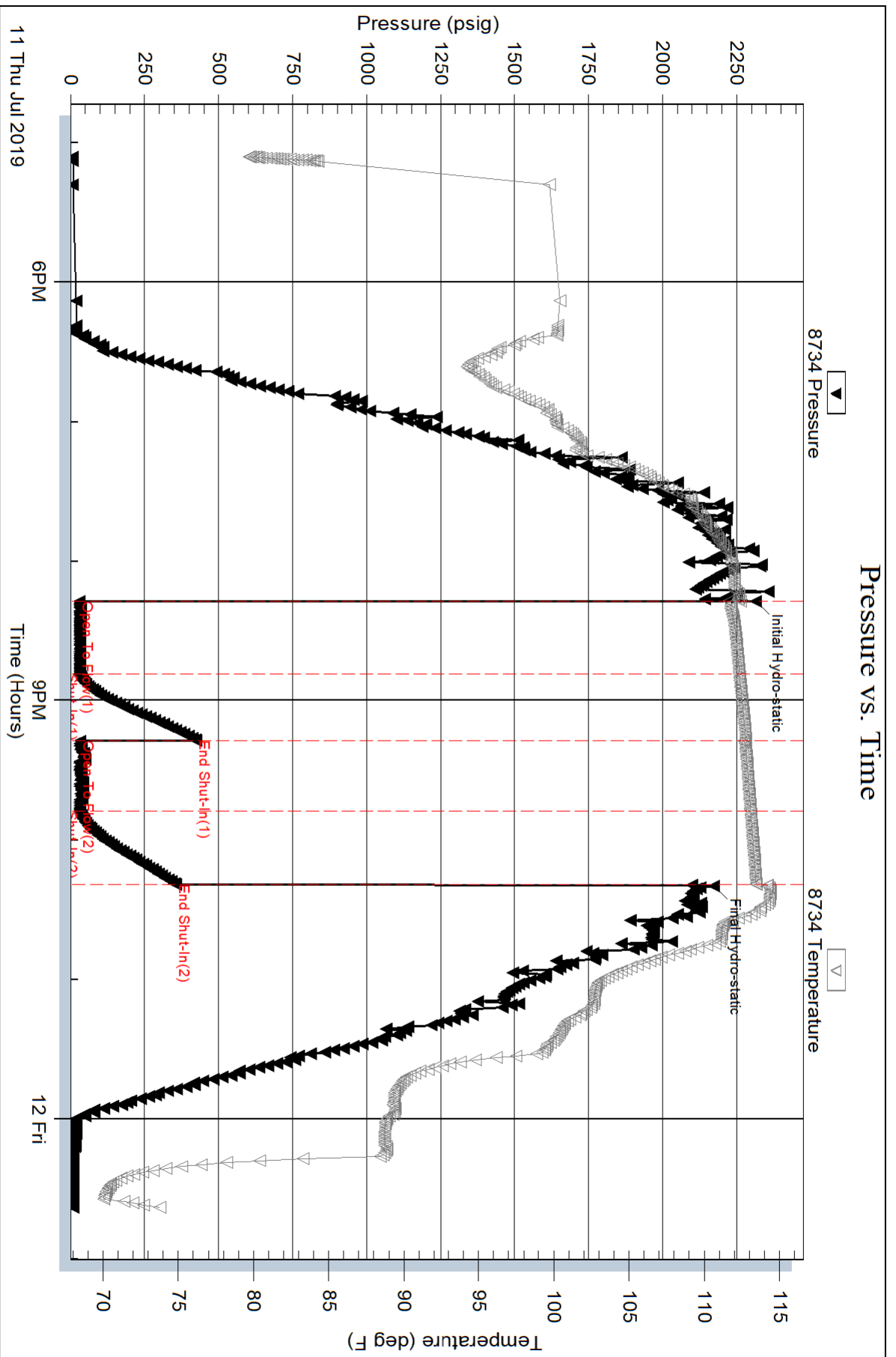
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8959

Inside

Shakespeare Oil Co INC

Aldag # 1-20

DST Test Number: 1

