



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co

**12-17s-35w Wichita, KS**

202 W Main St  
Salem, IL 62881

**MazanecCommunity1-12**

ATTN: Vern Schrag

Job Ticket: 65239

**DST#: 4**

Test Start: 2019.07.07 @ 11:22:54

## GENERAL INFORMATION:

Formation: **Marmaton- Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:31:24

Time Test Ended: 19:34:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

**Interval: 4510.00 ft (KB) To 4641.00 ft (KB) (TVD)**

Reference Elevations: 3174.00 ft (KB)

Total Depth: 4641.00 ft (KB) (TVD)

3164.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8166 Outside**

Press@RunDepth: 45.80 psig @ 4511.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.07.07 End Date: 2019.07.07

Last Calib.: 2019.07.07

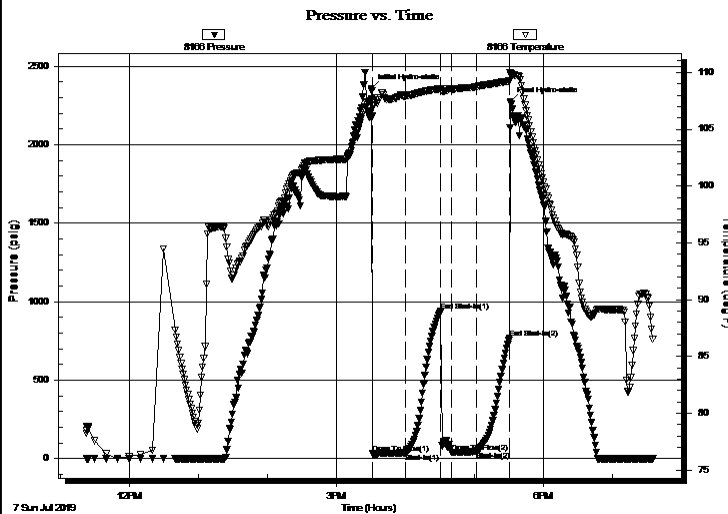
Start Time: 11:22:59 End Time: 19:34:53

Time On Btm: 2019.07.07 @ 15:30:24

Time Off Btm: 2019.07.07 @ 17:31:24

**TEST COMMENT:** IF: 1/4 blow built to 3.  
IS: No return.  
FF: Surface blow built to 2 1/2.  
FS" No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2356.50	107.65	Initial Hydro-static
1	30.52	106.15	Open To Flow (1)
30	36.25	107.93	Shut-In(1)
61	938.14	108.56	End Shut-In(1)
70	37.99	108.51	Open To Flow (2)
91	45.80	108.75	Shut-In(2)
120	765.96	109.24	End Shut-In(2)
121	2272.11	109.82	Final Hydro-static

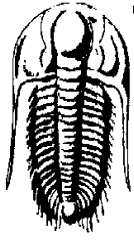
## Recovery

Length (ft)	Description	Volume (bbl)
63.00	ocm 20%o 80%m	0.88

## Gas Rates

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

\* Recovery from multiple tests



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Unit No: 79

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Reference Elevations: 3174.00 ft (KB)

Total Depth: 4641.00 ft (KB) (TVD)

3164.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 6651**

**Inside**

Press@RunDepth: psig @ 4511.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.07.07

End Date:

2019.07.07

Last Calib.:

2019.07.07

Start Time:

11:22:11

End Time:

19:34:05

Time On Btm:

Time Off Btm:

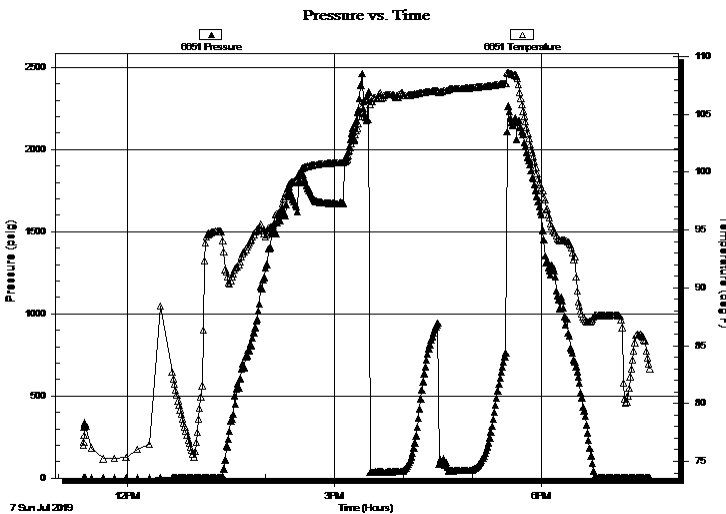
TEST COMMENT: IF: 1/4 blow built to 3.

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## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	ocm 20%o 80%m	0.88

## Gas Rates

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

\* Recovery from multiple tests



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co

**12-17s-35w Wichita, KS**

202 W Main St  
Salem, IL 62881

**MazanecCommunity1-12**

Job Ticket: 65239

**DST#: 4**

ATTN: Vern Schrag

Test Start: 2019.07.07 @ 11:22:54

## 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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6100.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	ocm 20%o 80%m	0.884

Total Length: 63.00 ft      Total Volume: 0.884 bbl

Num Fluid Samples: 0

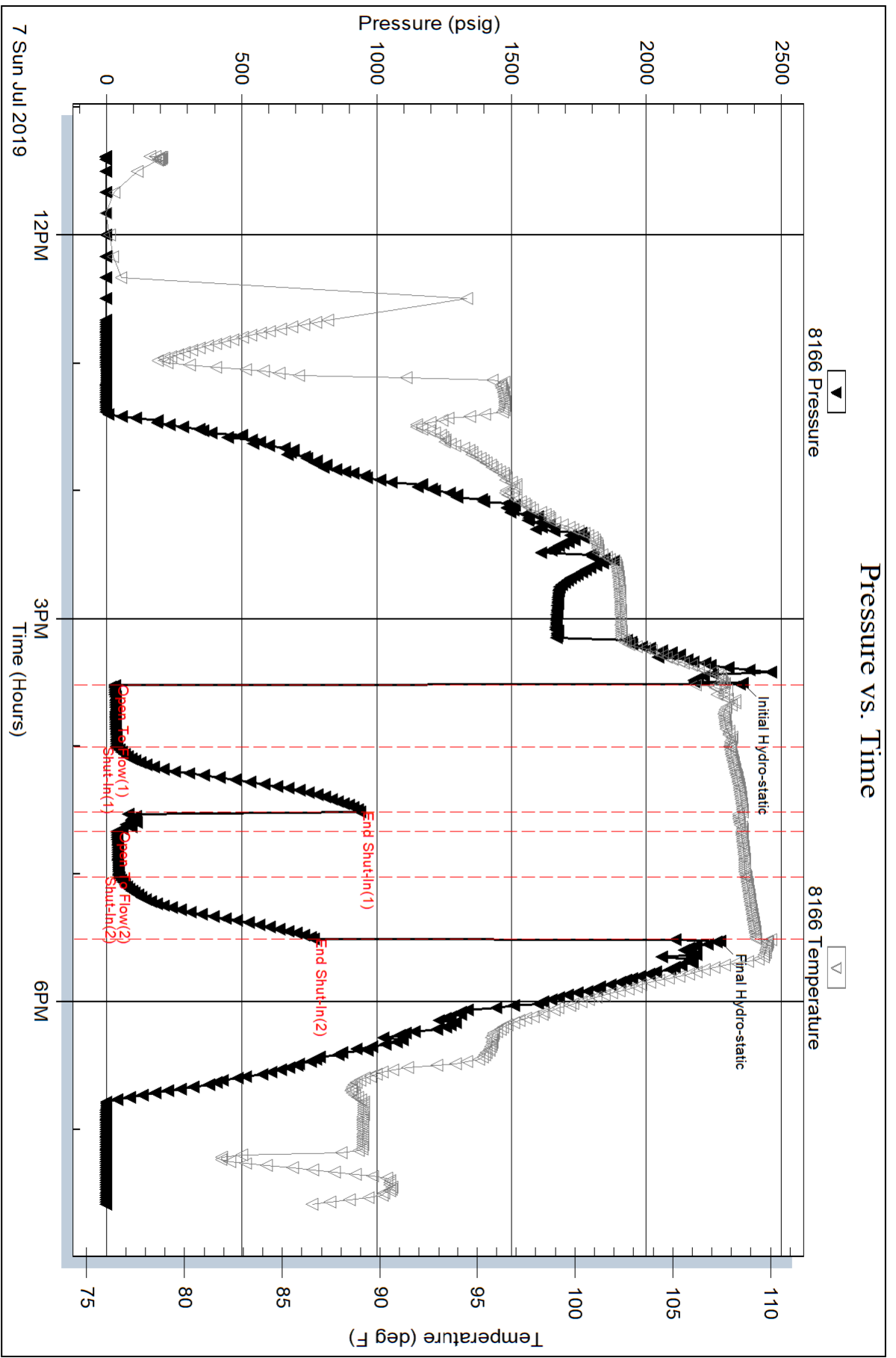
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6651

Inside

Shakespeare Oil Co

MazanecCommunity/1-12

DST Test Number: 4

