



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co

26-16-34 Scott, Ks

202 W Main st
Salem, IL 62881

Carson 2-26

Job Ticket: 63777

DST#: 1

ATTN: Tim Priest

Test Start: 2017.03.26 @ 22:54:17

GENERAL INFORMATION:

Formation: **Marmaton A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:08:47

Time Test Ended: 07:02:17

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: **4410.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Reference Elevations: 3120.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3112.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8166 Outside

Press@RunDepth: 45.37 psig @ 4415.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.26

End Date:

2017.03.27

Last Calib.:

2017.03.27

Start Time: 22:54:22

End Time:

07:02:16

Time On Btm:

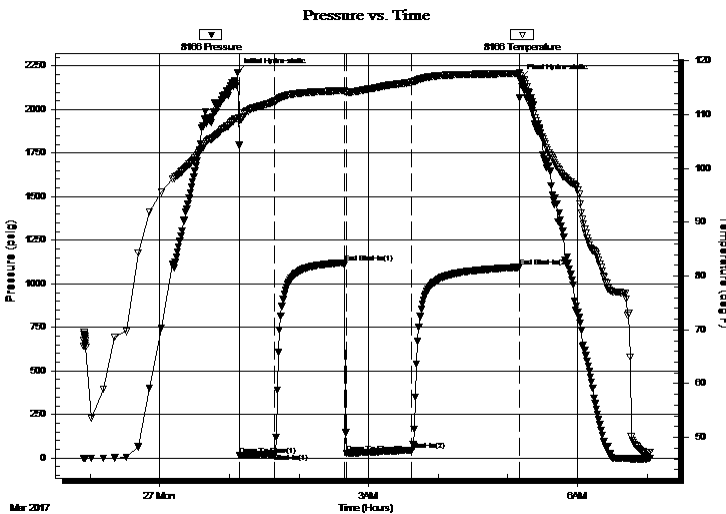
2017.03.27 @ 01:07:17

Time Off Btm:

2017.03.27 @ 05:10:47

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.53	109.23	Initial Hydro-static
2	14.24	108.96	Open To Flow (1)
32	24.18	112.45	Shut-In(1)
92	1121.42	114.49	End Shut-In(1)
94	27.27	114.16	Open To Flow (2)
150	45.37	116.04	Shut-In(2)
243	1094.75	117.59	End Shut-In(2)
244	2178.66	117.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
77.00	mcw 80%w 20%m	1.08

Gas Rates

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



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FLUID SUMMARY

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DST#: 1

ATTN: Tim Priest

Test Start: 2017.03.26 @ 22:54:17

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:

31000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
77.00	mcw 80%w 20%m	1.080

Total Length: 77.00 ft Total Volume: 1.080 bbl

Num Fluid Samples: 0

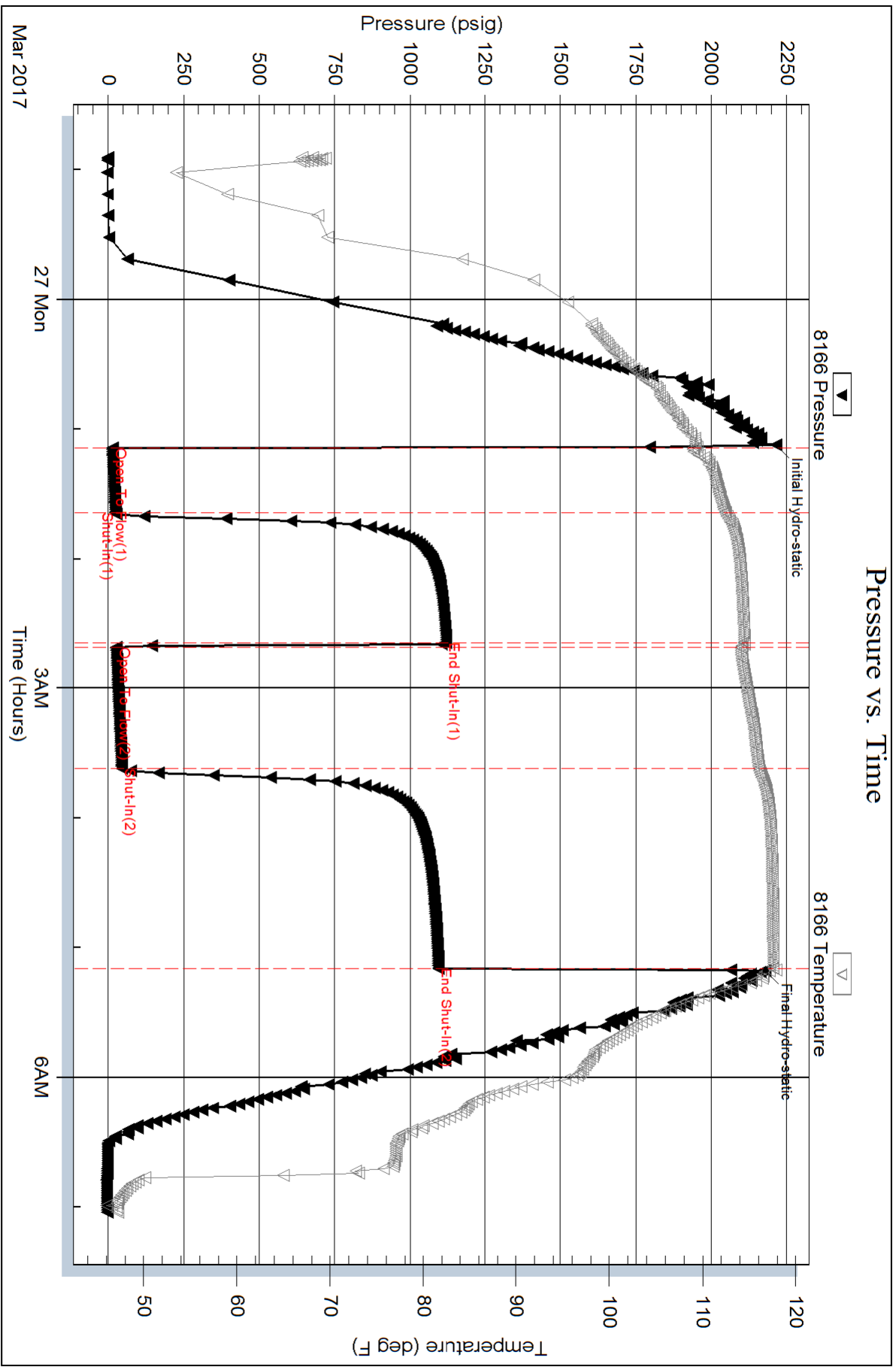
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .44@37=31000



Serial #: 8875

Inside

Shakespeare Oil Co

Carson 2-26

DST Test Number: 1

