



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc

26 16s 34w Scott,KS

202 W Main St
Salem, IL 62881

Janzen #1-35

Job Ticket: 63769

DST#: 1

ATTN: Tim Priest

Test Start: 2017.04.06 @ 23:10:00

GENERAL INFORMATION:

Formation: **LKC - L & Pleasanto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:01:45

Time Test Ended: 07:44:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4391.00 ft (KB) To 4455.00 ft (KB) (TVD)

Reference Elevations: 3119.00 ft (KB)

Total Depth: 4455.00 ft (KB) (TVD)

3111.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8845 Outside

Press@RunDepth: 567.23 psig @ 4392.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.04.06

End Date:

2017.04.07

Last Calib.: 2017.04.07

Start Time: 23:10:05

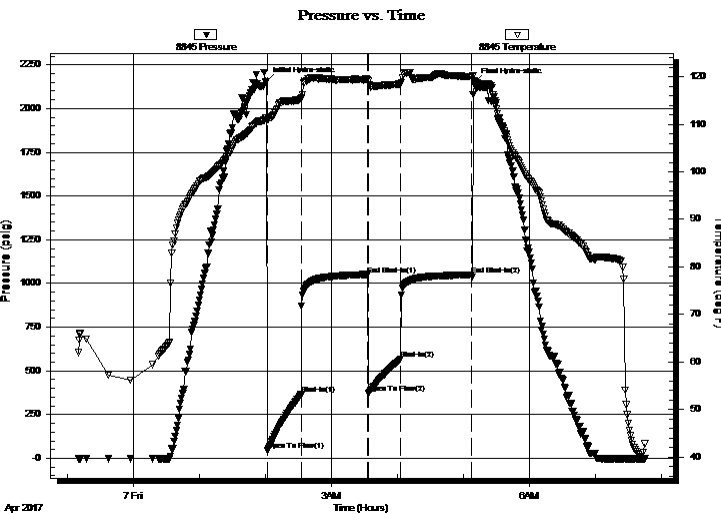
End Time:

07:44:45

Time On Btm: 2017.04.07 @ 02:01:00

Time Off Btm: 2017.04.07 @ 05:10:00

TEST COMMENT: IF: BOB @ 3 min.
IS: No return.
FF: BOB @ 4 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.85	111.42	Initial Hydro-static
1	47.39	110.90	Open To Flow (1)
32	364.26	115.40	Shut-In(1)
92	1051.25	119.47	End Shut-In(1)
93	371.17	119.09	Open To Flow (2)
122	567.23	118.55	Shut-In(2)
187	1049.52	120.03	End Shut-In(2)
189	2149.31	119.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1300.00	somcw 1o 4m 95w	18.24

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: 2017.04.06 @ 23:10:00

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:

35000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1300.00	somcw 1o 4m95w	18.236

Total Length: 1300.00 ft Total Volume: 18.236 bbl

Num Fluid Samples: 0

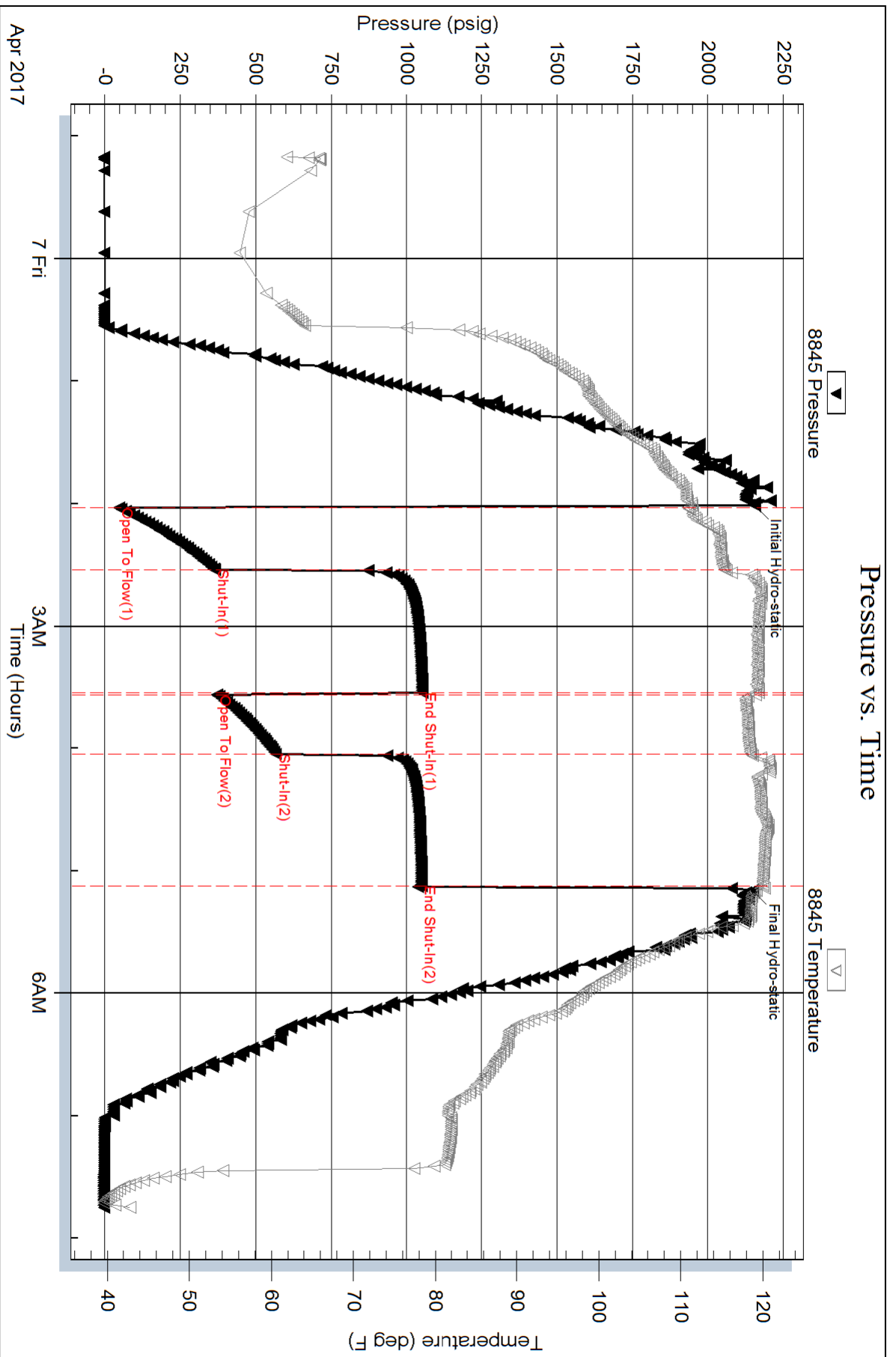
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .309 @ 46f = 35000ppm



Serial #: 8365

Inside

Shakespeare Oil Co, Inc

Janzen #1-35

DST Test Number: 1

