



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co, Inc.

6 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Conner 1-6

Job Ticket: 64824

DST#: 4

ATTN: Tim Lauer

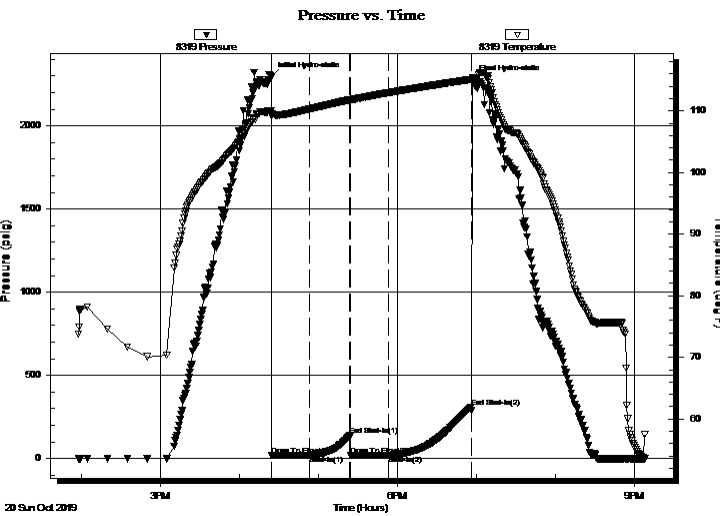
Test Start: 2019.10.20 @ 13:58:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 16:24:15
 Tester: Bradley Walter
 Time Test Ended: 21:08:00
 Unit No: 78
 Interval: **4578.00 ft (KB) To 4655.00 ft (KB) (TVD)**
 Reference Elevations: 3025.00 ft (KB)
 Total Depth: 4655.00 ft (KB) (TVD)
 3015.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 10.00 ft

Serial #: 8319 Outside
 Press@RunDepth: 21.67 psig @ 4579.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.10.20 End Date: 2019.10.20 Last Calib.: 2019.10.20
 Start Time: 13:58:05 End Time: 21:07:59 Time On Btm: 2019.10.20 @ 16:24:00
 Time Off Btm: 2019.10.20 @ 18:56:45

TEST COMMENT: 30- IF: 3/4" blow .
 30- IS: No return.
 30- FF: No blow .
 60- FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2293.16	110.08	Initial Hydro-static
1	20.18	109.14	Open To Flow (1)
29	21.35	110.30	Shut-In(1)
60	139.90	111.82	End Shut-In(1)
61	21.05	111.80	Open To Flow (2)
89	21.67	112.95	Shut-In(2)
152	310.72	115.11	End Shut-In(2)
153	2279.60	115.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100m (Oil spots)	0.14

* 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: 64824

DST#: 4

ATTN: Tim Lauer

Test Start: 2019.10.20 @ 13:58:00

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:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100m (Oil spots)	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

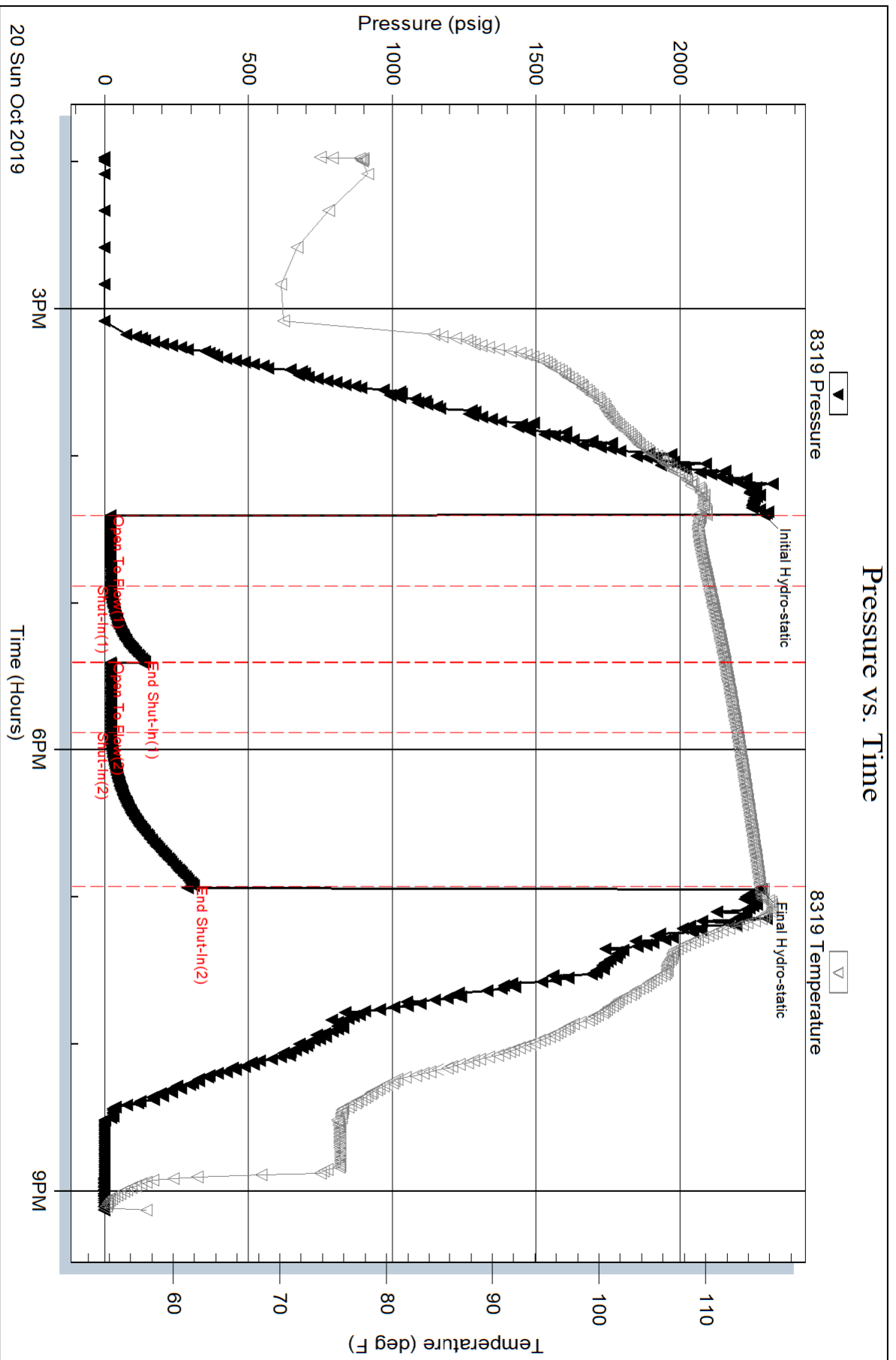
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 8522

Inside

Shakespeare Oil Co, Inc.

Conner 1-6

DST Test Number: 4

