



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: 64821

DST#: 1

ATTN: Tim Lauer

Test Start: 2019.10.17 @ 06:29:00

GENERAL INFORMATION:

Formation: **4167**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 09:26:15
 Tester: Bradley Walter
 Time Test Ended: 13:33:15
 Unit No: 78
 Interval: **4167.00 ft (KB) To 4240.00 ft (KB) (TVD)**
 Reference Elevations: 3025.00 ft (KB)
 Total Depth: 4240.00 ft (KB) (TVD)
 3015.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

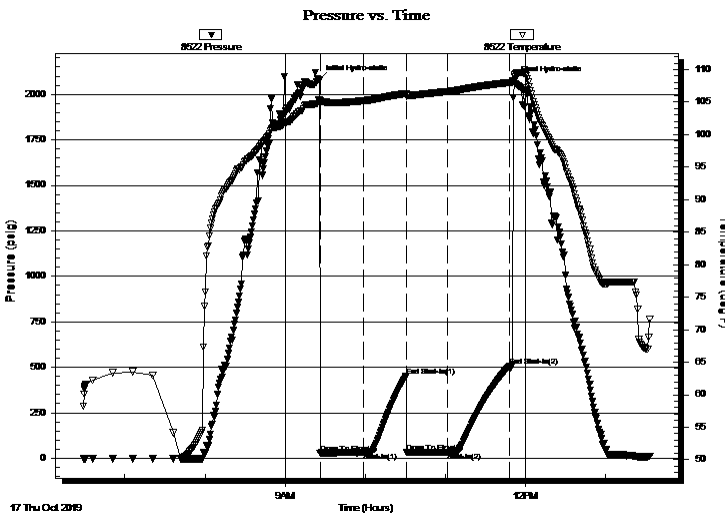
Serial #: 8522

Inside

Press@RunDepth: 33.04 psig @ 4168.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.10.17 End Date: 2019.10.17 Last Calib.: 2019.10.17
 Start Time: 06:29:05 End Time: 13:33:14 Time On Btm: 2019.10.17 @ 09:26:00
 Time Off Btm: 2019.10.17 @ 11:51:45

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

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.78	105.43	Initial Hydro-static
1	28.46	104.88	Open To Flow (1)
33	31.77	105.20	Shut-In(1)
65	452.08	106.30	End Shut-In(1)
66	31.57	105.99	Open To Flow (2)
96	33.04	106.63	Shut-In(2)
142	505.30	107.99	End Shut-In(2)
146	2074.69	108.98	Final Hydro-static

Recovery

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

Gas Rates

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



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Interval: 4167.00 ft (KB) To 4240.00 ft (KB) (TVD)

Total Depth: 4240.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Reference Elevations: 3025.00 ft (KB)

3015.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8319 Outside

Press@RunDepth: psig @ 4168.00 ft (KB)

Start Date: 2019.10.17

End Date: 2019.10.17

Capacity: 8000.00 psig

Last Calib.: 2019.10.17

Start Time: 06:29:05

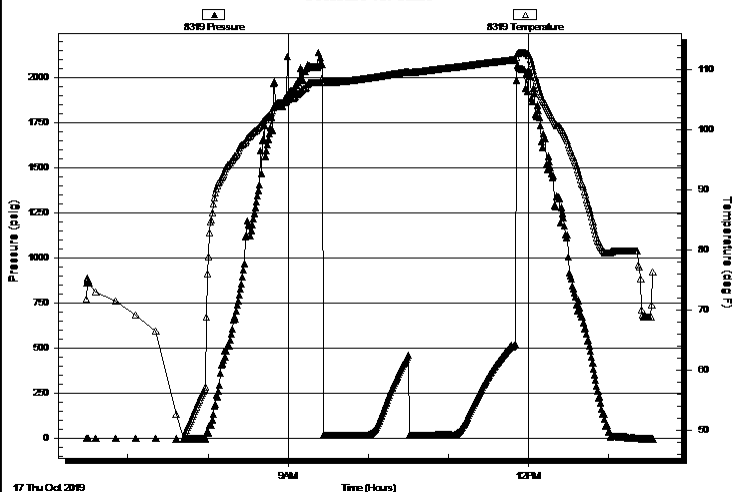
End Time: 13:33:14

Time On Btm:

Time Off Btm:

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

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

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

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co, Inc.

6 16s 32w Scott, Ks

202 W Main St.
Salem, IL 62881

Conner 1-6

Job Ticket: 64821

DST#: 1

ATTN: Tim Lauer

Test Start: 2019.10.17 @ 06:29:00

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: 7.20 in³

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	mud 100m (Oil spots in tool)	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

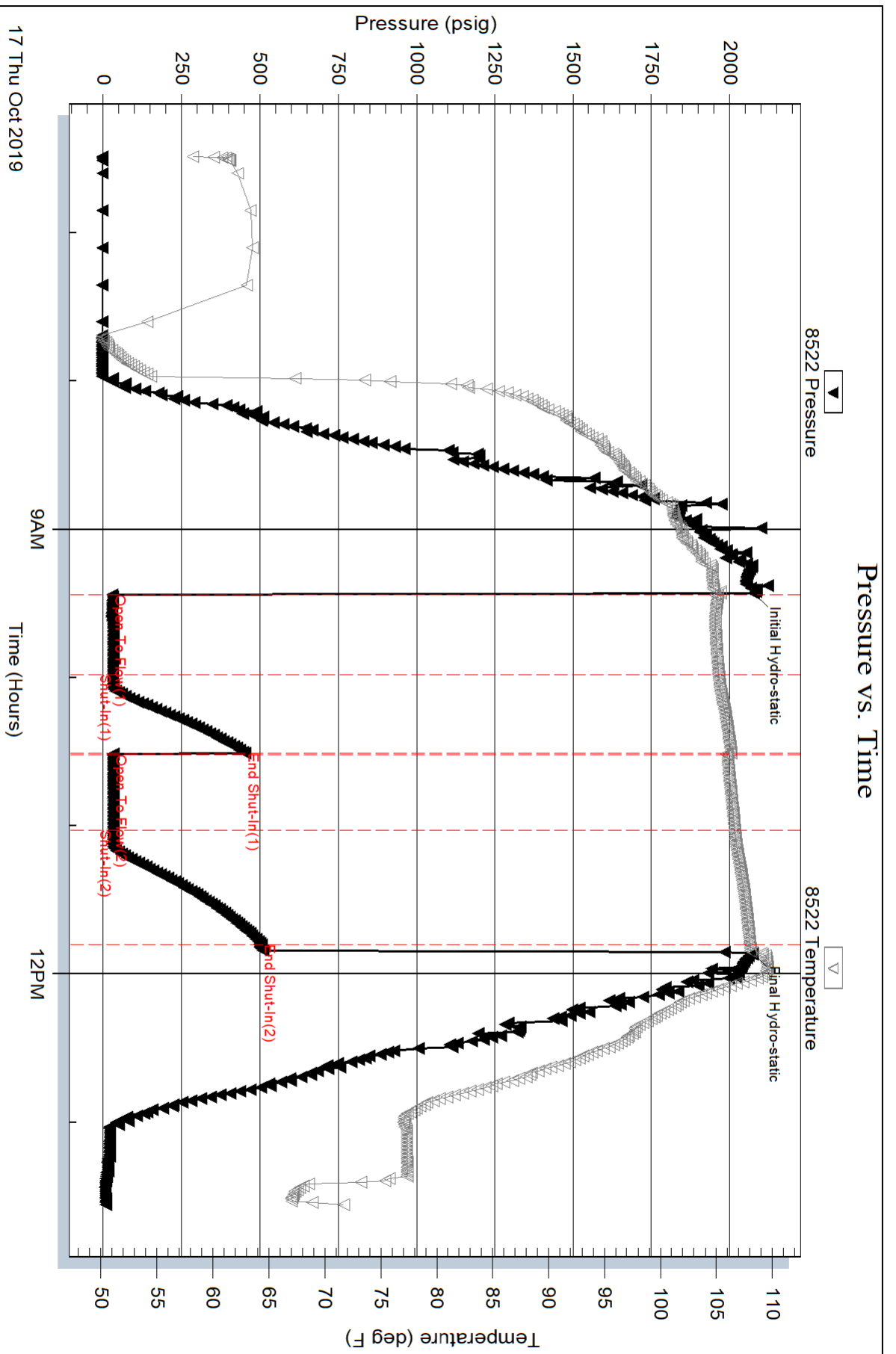
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8319

Outside Shakespeare Oil Co, Inc.

Conner 1-6

DST Test Number: 1

