



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co.
 202 W Main St.
 Salem IL
 62881
 ATTN: Tim Priest

3-16-34 Scott Co KS

Scott Community 1-3

Job Ticket: 63746

DST#: 2

Test Start: 2017.06.22 @ 17:02:15

GENERAL INFORMATION:

Formation: **B-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:57:30
 Time Test Ended: 22:48:30
 Interval: **4456.00 ft (KB) To 4510.00 ft (KB) (TVD)**
 Total Depth: 4510.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3094.00 ft (KB)
 3083.00 ft (CF)
 KB to GR/CF: 11.00 ft

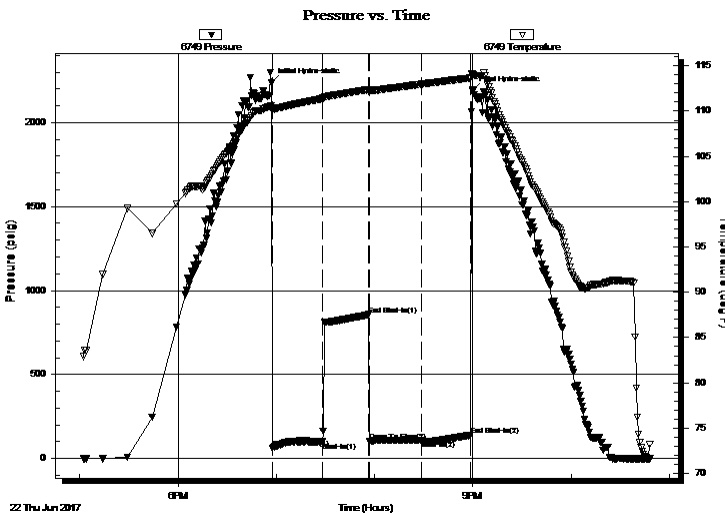
Serial #: 6749

Outside

Press@RunDepth: 107.45 psig @ 4495.00 ft (KB)
 Start Date: 2017.06.22 End Date: 2017.06.22
 Start Time: 17:02:15 End Time: 22:48:30
 Capacity: 8000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm: 2017.06.22 @ 18:57:00
 Time Off Btm: 2017.06.22 @ 20:59:45

TEST COMMENT: IF: Built to 1 1/2" blow died in 25 min.
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2235.17	110.63	Initial Hydro-static
1	62.28	110.05	Open To Flow (1)
32	97.14	111.38	Shut-In(1)
60	856.61	112.38	End Shut-In(1)
60	101.10	112.05	Open To Flow (2)
92	107.45	112.98	Shut-In(2)
122	139.06	113.66	End Shut-In(2)
123	2193.09	114.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	mud 100%m	0.89

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Salem IL
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DST#: 2

ATTN: Tim Priest

Test Start: 2017.06.22 @ 17:02:15

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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	mud 100%m	0.885

Total Length: 180.00 ft Total Volume: 0.885 bbl

Num Fluid Samples: 0

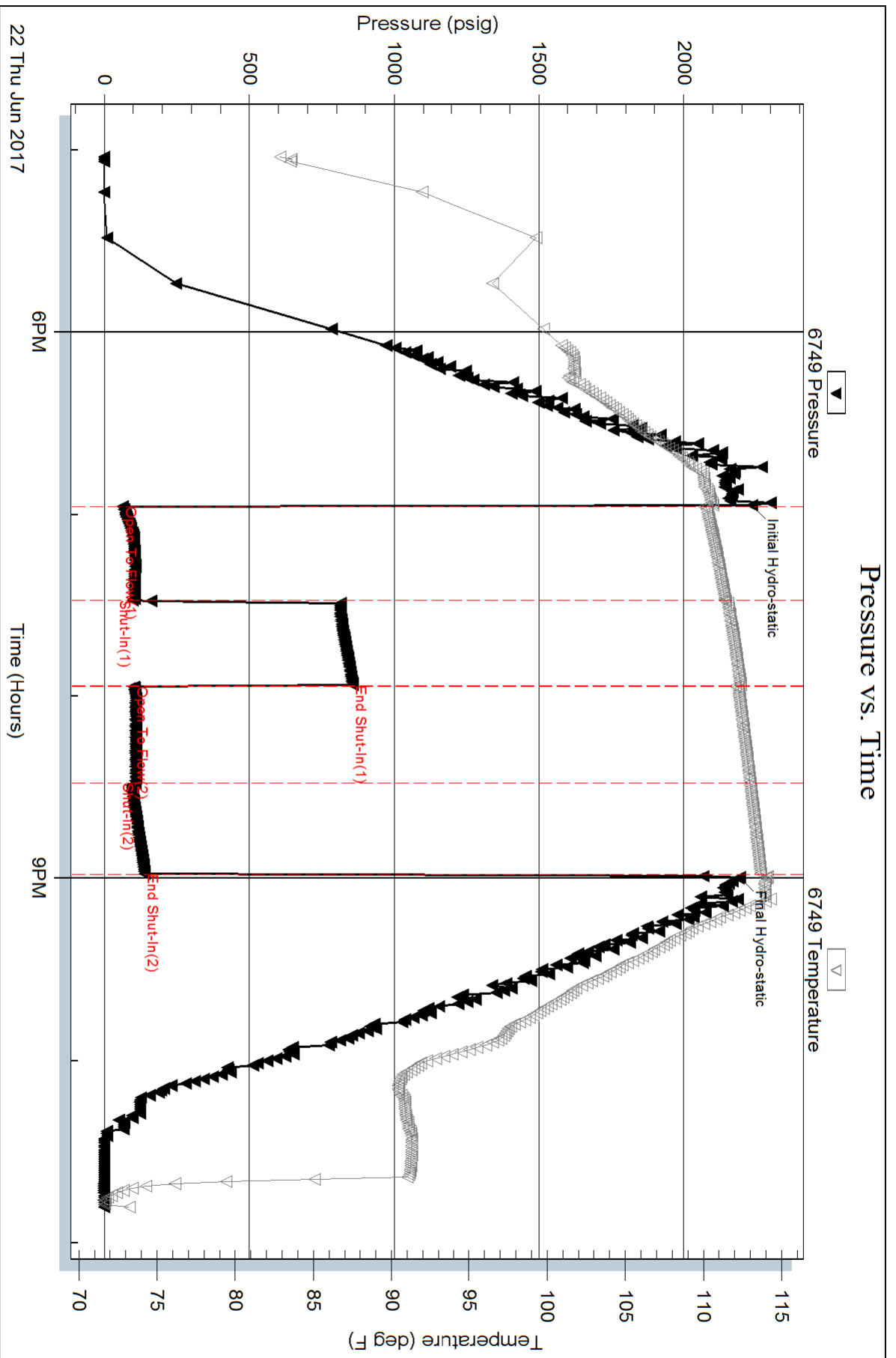
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8672

Inside

Shakespeare Oil Co.

Scott Community 1-3

DST Test Number: 2

