



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc
 202 West Main St
 Salem, IL
 62881-1519
 ATTN: Toby Eck

19-13s-30w Gove, Ks
Burns #1-19
 Job Ticket: 61452 **DST#: 3**
 Test Start: 2014.12.21 @ 00:50:42

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 03:18:27
 Time Test Ended: 07:40:27
 Interval: **4496.00 ft (KB) To 4550.00 ft (KB) (TVD)**
 Total Depth: 4550.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2887.00 ft (KB)
 2877.00 ft (CF)
 KB to GR/CF: 10.00 ft

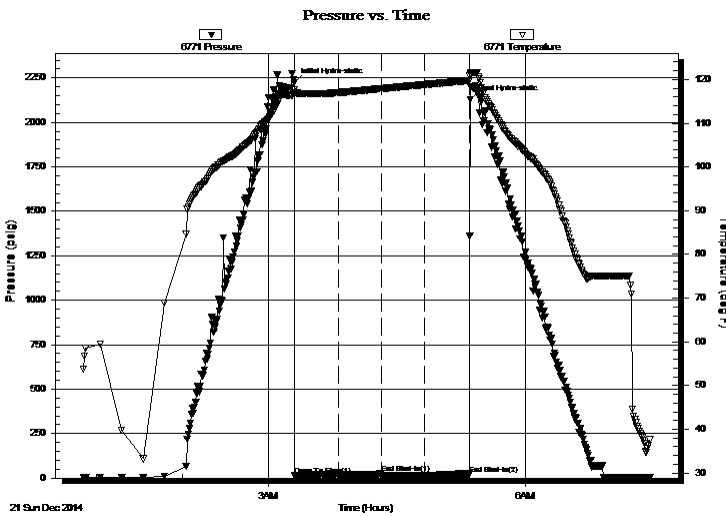
Serial #: 6771

Inside

Press @ RunDepth: 16.89 psig @ 4497.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.12.21 End Date: 2014.12.21 Last Calib.: 2014.12.21
 Start Time: 00:50:42 End Time: 07:27:27 Time On Btm: 2014.12.21 @ 03:18:12
 Time Off Btm: 2014.12.21 @ 05:21:42

TEST COMMENT: 1/4" in blow died in 21 min.
 No return
 No blow
 No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2221.81	117.69	Initial Hydro-static
1	15.15	117.02	Open To Flow (1)
31	20.81	117.00	Shut-In(1)
61	27.06	117.93	End Shut-In(1)
62	15.80	117.94	Open To Flow (2)
92	16.89	118.84	Shut-In(2)
123	23.87	119.80	End Shut-In(2)
124	2127.12	121.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.00

* Recovery from multiple tests

Gas Rates

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

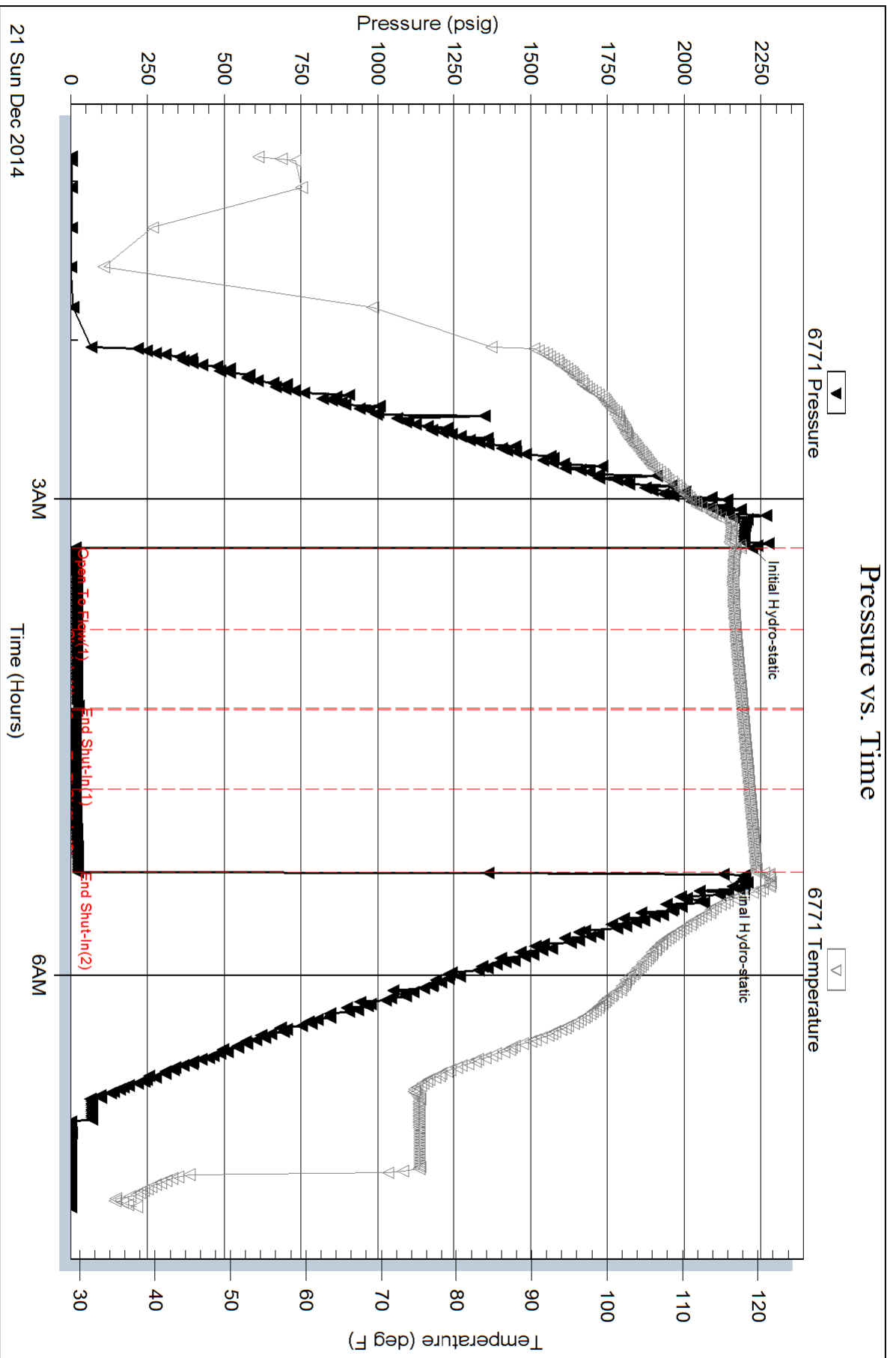
Serial #: 6771

Inside

Shakespeare Oil Co. Inc

Burns #1-19

DST Test Number: 3

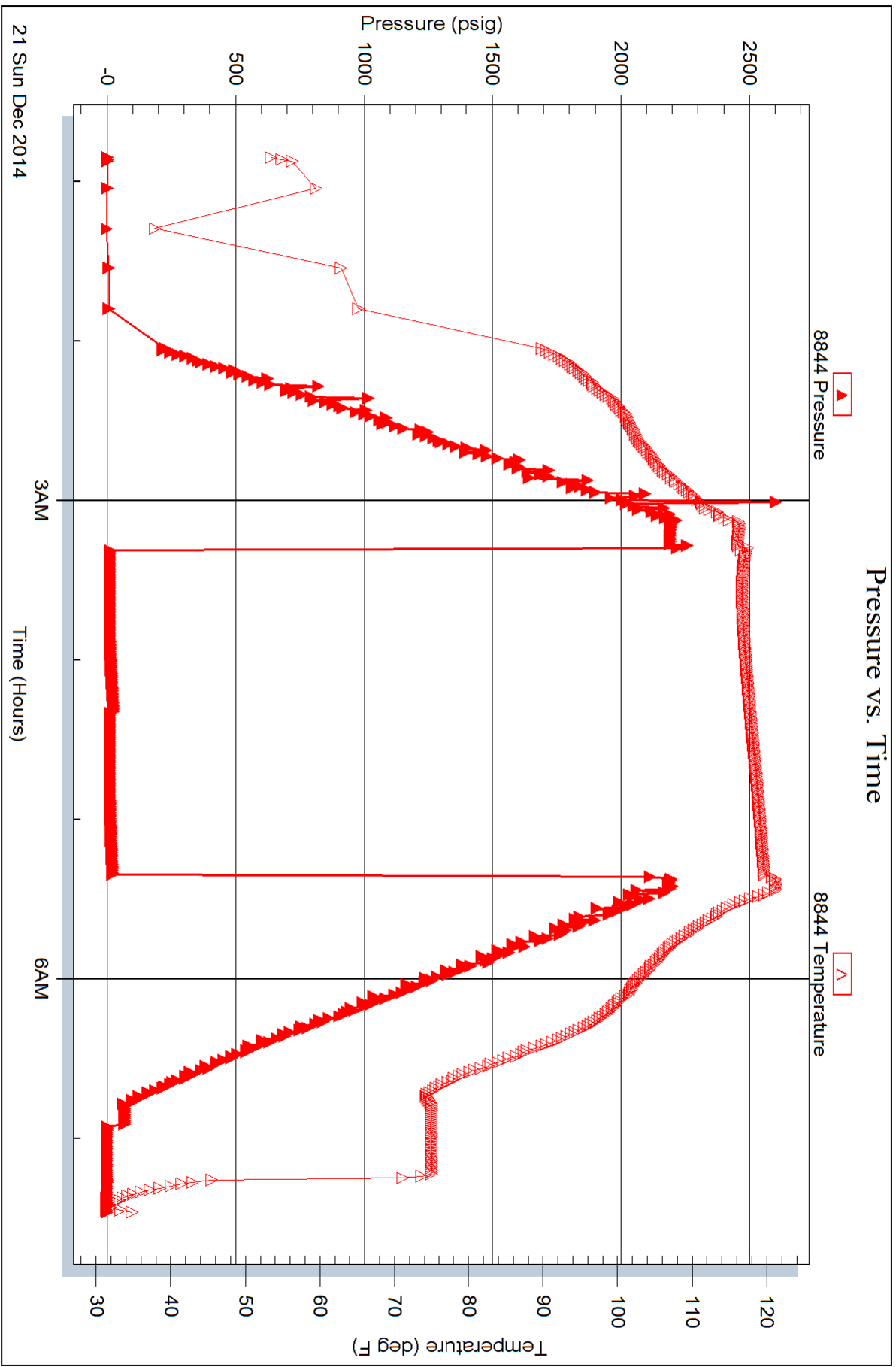


Serial #: 8844

Outside Shakespeare Oil Co. Inc

Burns #1-19

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61452

Printed: 2014.12.21 @ 10:11:05