



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

K3 Oil & Gas  
 24900 Pitkin Rd Ste 305  
 The Woodlands, TX 77386  
 ATTN: Susan Rainbolt

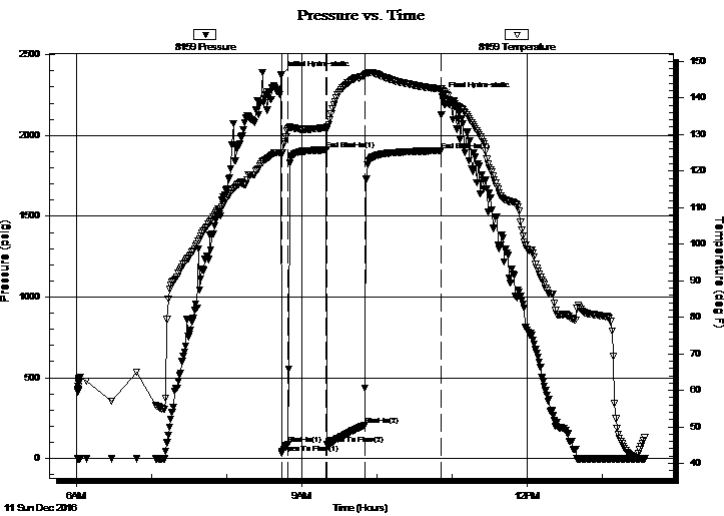
**7-33S-04W Sumner**  
**Standrich 11-7**  
 Job Ticket: 63555 **DST#: 1**  
 Test Start: 2016.12.11 @ 06:01:22

## GENERAL INFORMATION:

Formation: **Simpson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 08:44:07  
 Time Test Ended: 13:34:22  
 Interval: **4690.00 ft (KB) To 4720.00 ft (KB) (TVD)**  
 Total Depth: 4950.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Straddle (Initial)  
 Tester: Leal Cason  
 Unit No: 74  
 Reference Elevations: 1286.00 ft (KB)  
 1272.00 ft (CF)  
 KB to GR/CF: 14.00 ft

**Serial #: 8159 Inside**  
 Press@RunDepth: 206.44 psig @ 4691.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.12.11 End Date: 2016.12.11 Last Calib.: 2016.12.11  
 Start Time: 06:01:23 End Time: 13:34:22 Time On Btm: 2016.12.11 @ 08:43:37  
 Time Off Btm: 2016.12.11 @ 10:52:07

**TEST COMMENT:** IF: Fair Blow , Built to 5 inches  
 IS: No Blow Back  
 FF: Fair Blow , BOB in 18 minutes  
 FS: No Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2373.37	124.99	Initial Hydro-static
1	30.79	124.38	Open To Flow (1)
6	87.30	131.45	Shut-In(1)
36	1910.09	131.95	End Shut-In(1)
37	88.02	131.22	Open To Flow (2)
67	206.44	146.11	Shut-In(2)
128	1905.44	142.43	End Shut-In(2)
129	2237.27	142.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
248.00	MCW 10%M 90%W	2.40
124.00	MCW 30%M 70%W	1.74
20.00	SGCM 10%G 90%M	0.28

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

K3 Oil & Gas  
24900 Pitkin Rd Ste 305  
The Woodlands, TX 77386  
ATTN: Susan Rainbolt

**7-33S-04W Sumner**  
**Standrich 11-7**  
Job Ticket: 63555      **DST#: 1**  
Test Start: 2016.12.11 @ 06:01:22

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	54000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	MCW 10%M 90%W	2.404
124.00	MCW 30%M 70%W	1.739
20.00	SGCM 10%G 90%M	0.281

Total Length: 392.00 ft      Total Volume: 4.424 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: RW w as .25 @ 40 degrees

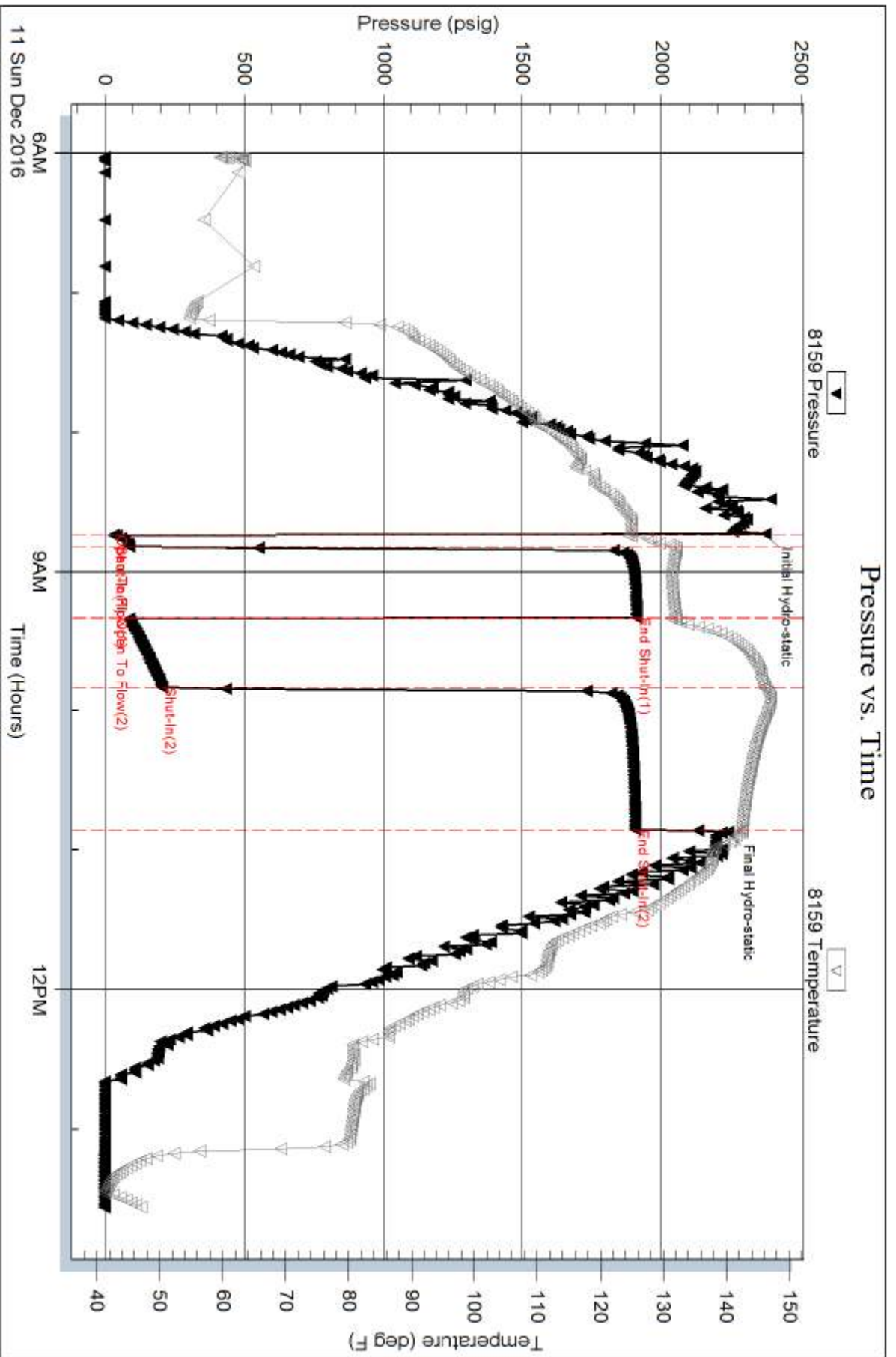
Serial #: 8159

Inside

K3 Oil & Gas

Standrich 11-7

DST Test Number: 1

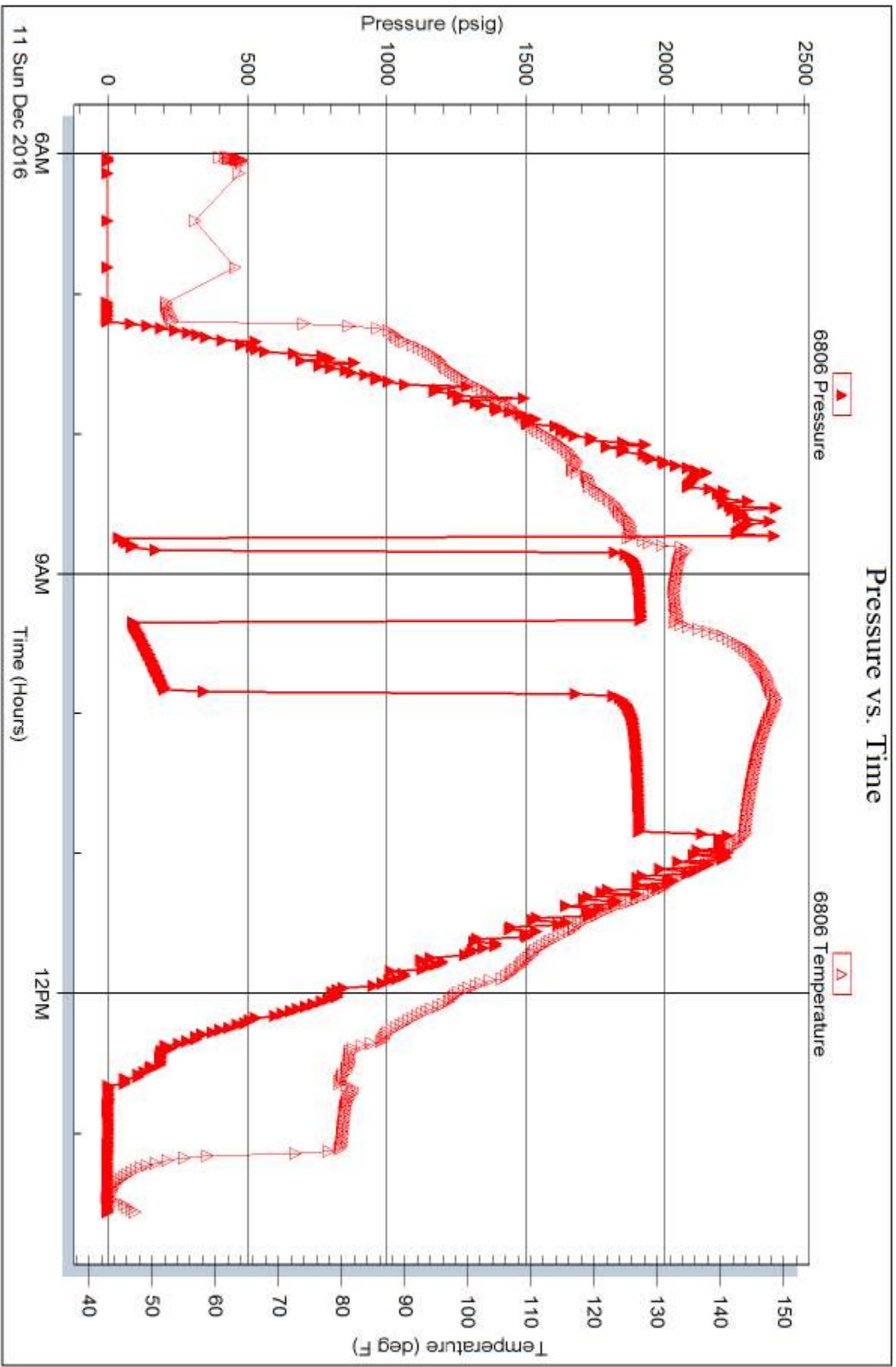


Serial #: 6806

Outside K3 Oil & Gas

Standrich 11-7

DST Test Number: 1

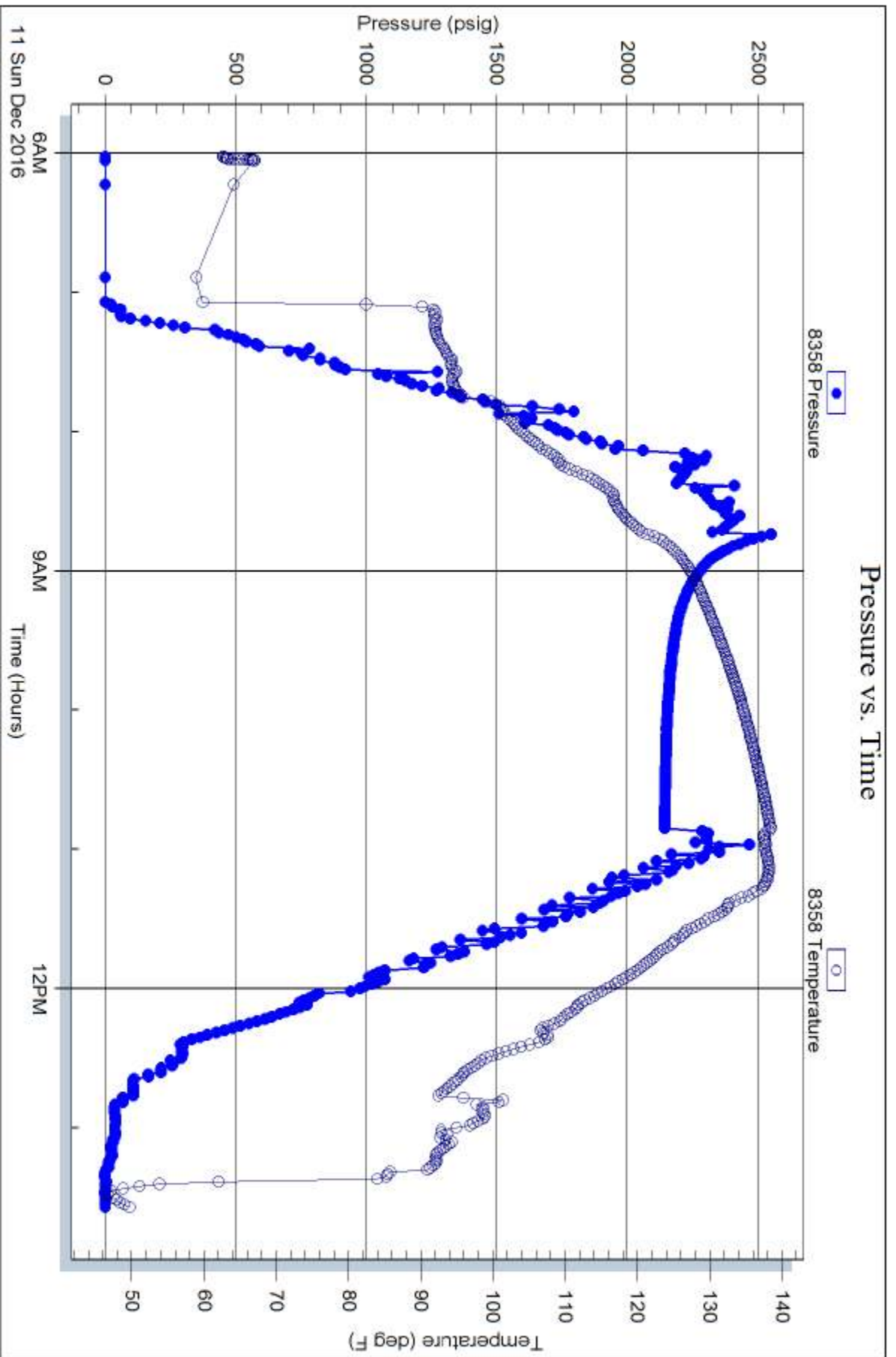


Serial #: 8358

Below (Stratified) Gas

Standrich 11-7

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 63555

Printed: 2016.12.11 @ 13:58:16