

Submital Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

HOBBS OCD

WELL API NO. 30-025-11139
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. 141560
7. Lease Name or Unit Agreement Name COOPER JAL UNIT
8. Well Number 118
9. OGRID Number 240974
10. Pool name or Wildcat Jalmat;T-Y-7R/Langlie Mattix;7R-Q-G
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3302' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)
1. Type of Well: Oil Well ☐ Gas Well ☐ Other INJECTOR

2. Name of Operator
LEGACY RESERVES OPERATING LP

3. Address of Operator
P.O. BOX 10848, MIDLAND, TX 79702

4. Well Location
Unit Letter O : 660 feet from the SOUTH line and 1980 feet from the EAST line
Section 18 Township 24S Range 37E NMPM County LEA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: Step Rate Test ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Step Rate Test performed on September 18, 2017, OCD notified. See attached results.

Legacy Reserves Operating, LP requests to increase injection pressures for this well to 875 psi.

PROVIDE S.R.T. RESULTS
TO SANTA FE OCD FOR
APPROVAL

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Laura Pina TITLE COMPLIANCE COORDINATOR DATE 10/11/17

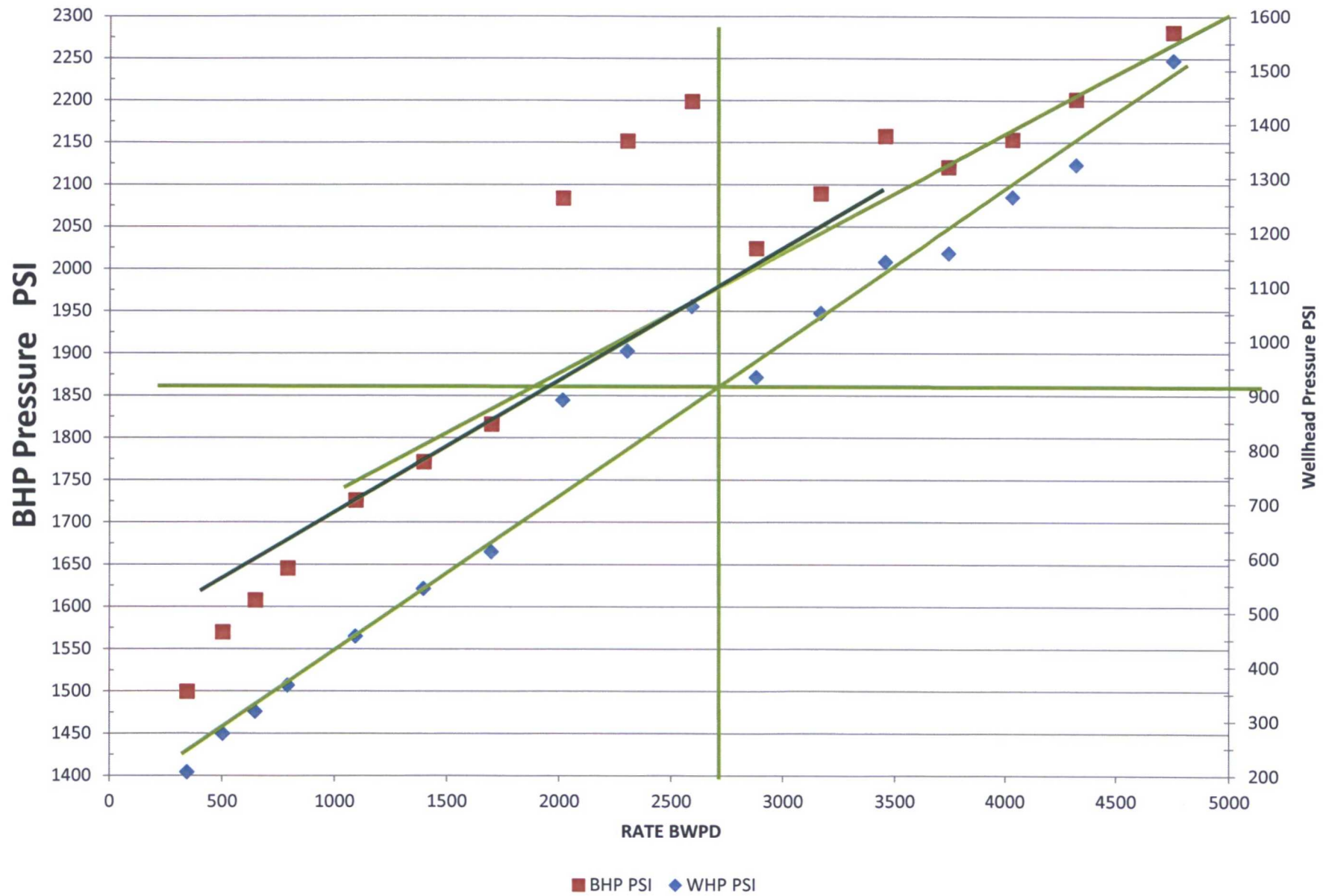
Type or print name LAURA PINA E-mail address: lpina@legacylp.com PHONE: (432) 689-5200

For State Use Only

APPROVED BY: Matt Brown TITLE 10/18/2017 DATE

Conditions of Approval (if any):

CJU 118





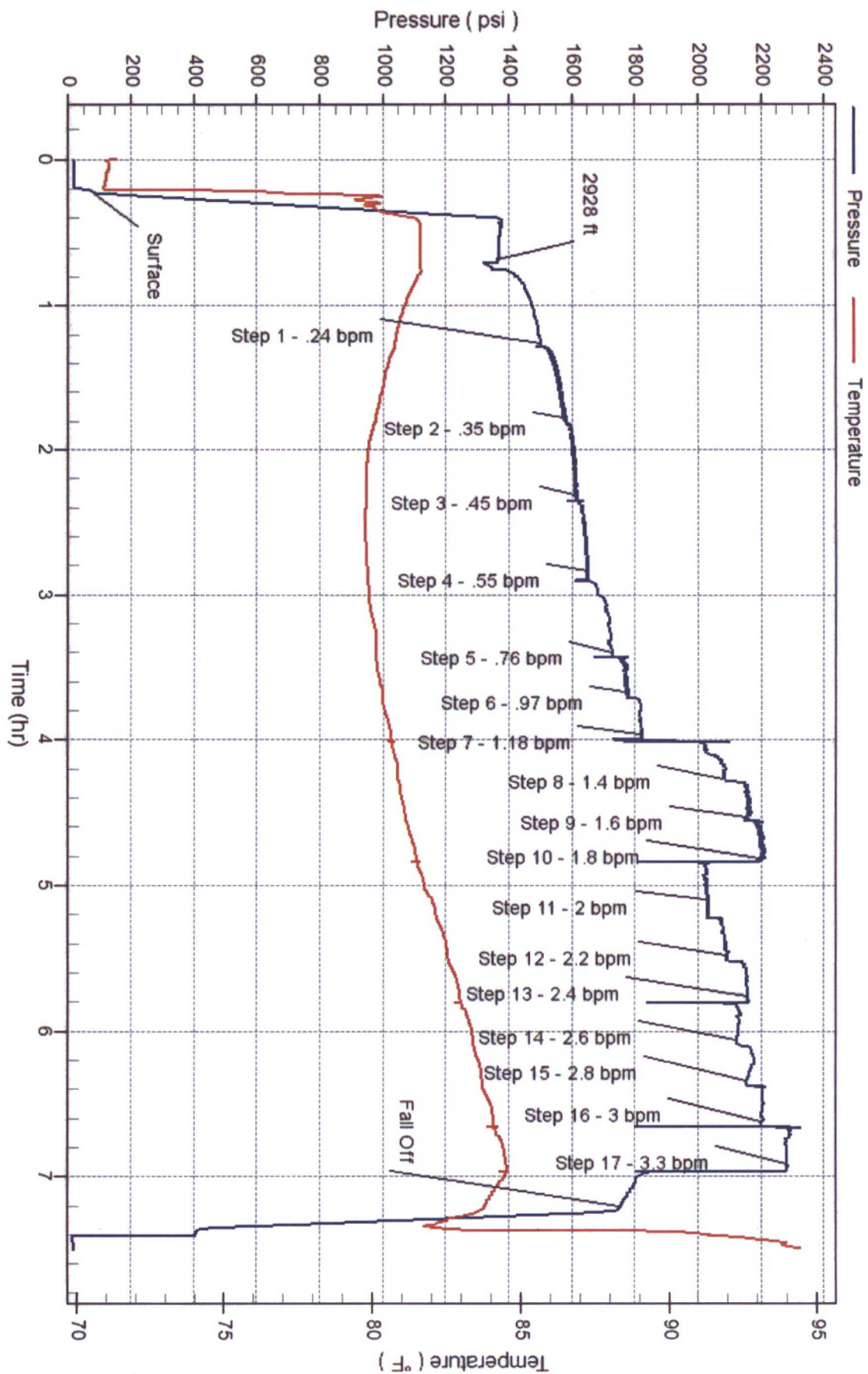
STEP RATE TEST

**Cooper Jal Unit #118
September 18, 2017**

JOB INFORMATION SHEET

Company Information		
Company Name:	Legacy Resources Operating L.P.	
Well Information		
Well Name:	Cooper Jal Unit #118	
Location:	Jal, New Mexico	
Field – Pool:	Cooper Jal	
Status:	Injecting	
Test Information		
Type of Test:	Step Rate Test	
Gauge Depth:	2928 ft	
Temperature @ Run Depth	94.47 degF	
Surface Temperature:	70.89 degF	
Gauge Information		
	Top Recorder	Bottom Recorder
Serial Number:	70257	
Calibration Date:	11/9/16	
Pressure Range:	10000 psi	
Comments		

Cooper Jal Unit #118 Step Rate Test



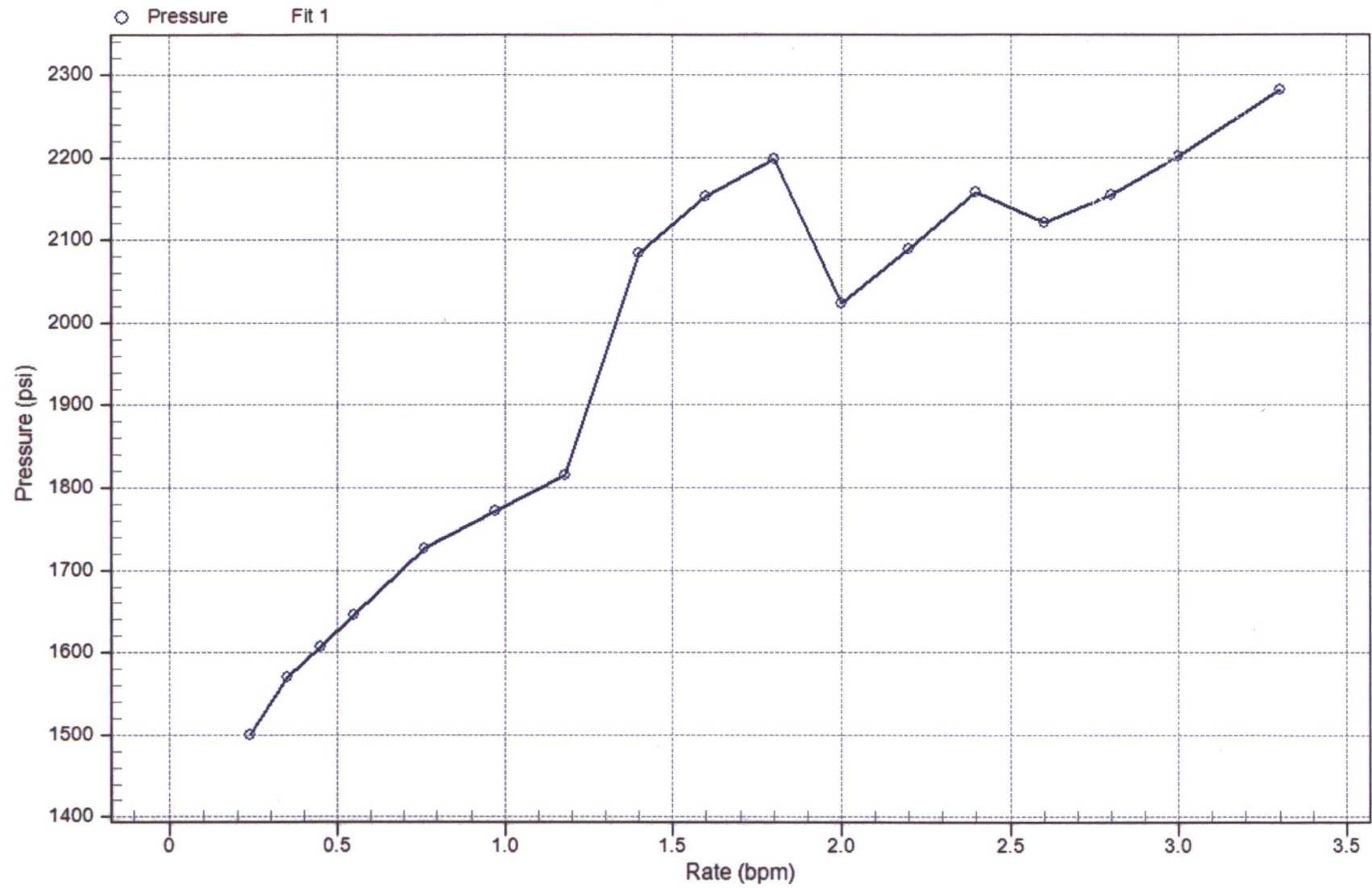
Pressure and Temperature Report

Cooper Jal Unit #118

Rate bpm	Pressure psi	Temperature degF
Step 1 - 0.24	1499.50	80.73
Step 2 - 0.35	1569.86	80.09
Step 3 - 0.45	1607.76	79.75
Step 4 - 0.55	1645.52	79.81
Step 5 - 0.76	1725.93	80.09
Step 6 - 0.97	1771.29	80.31
Step 7 - 1.18	1815.96	80.57
Step 8 - 1.40	2083.76	80.85
Step 9 - 1.60	2151.78	81.10
Step 10 - 1.80	2198.72	81.48
Step 11 - 2.00	2023.99	82.01
Step 12 - 2.20	2088.95	82.52
Step 13 - 2.40	2157.62	82.94
Step 14 - 2.60	2120.56	83.38
Step 15 - 2.80	2153.44	83.67
Step 16 - 3.00	2201.42	84.07
Step 17 - 3.30	2281.09	84.49

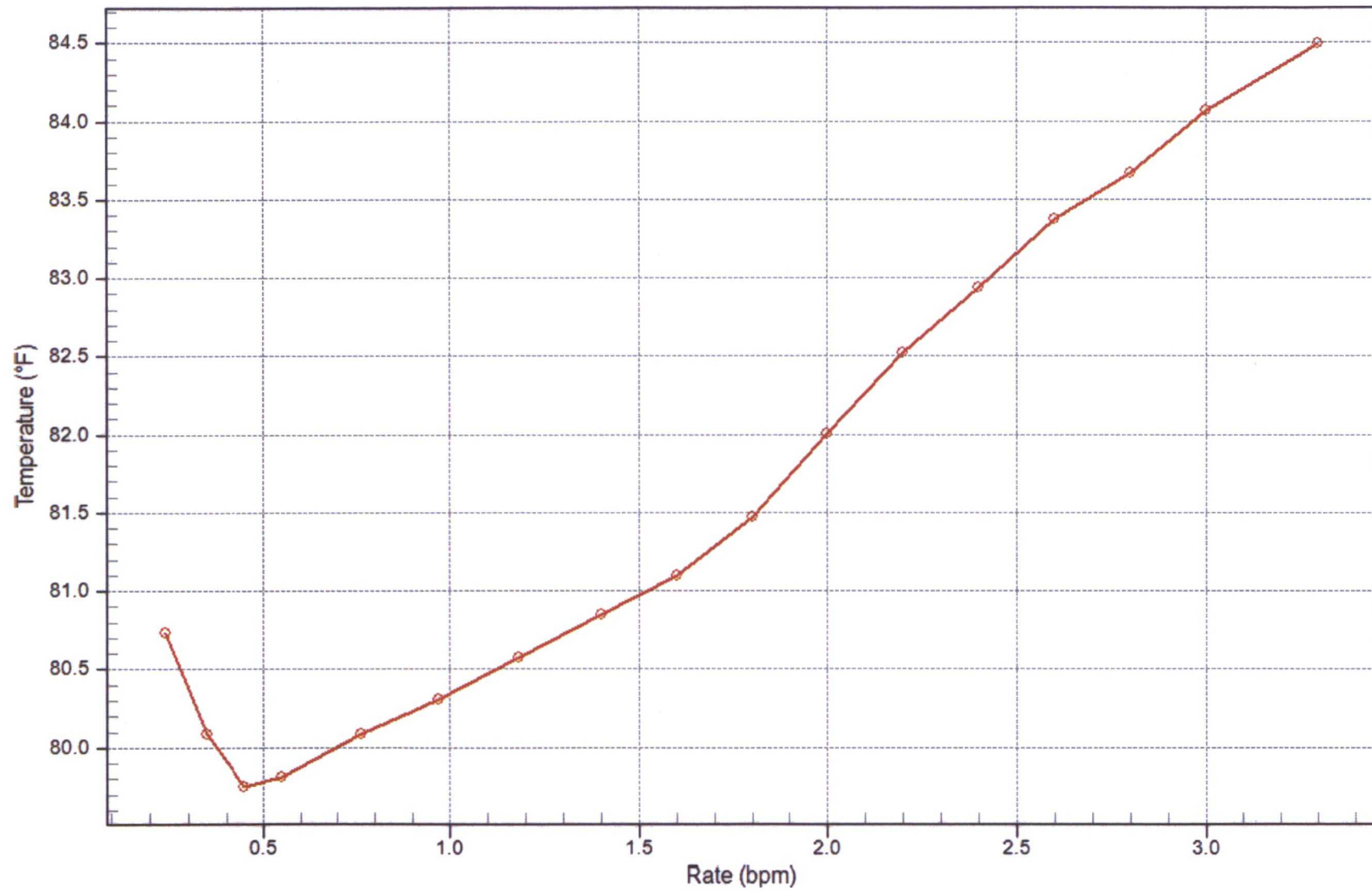
Pressure vs. Rate

Cooper Jal Unit #118



Temperature vs. Rate

Cooper Jal Unit #118

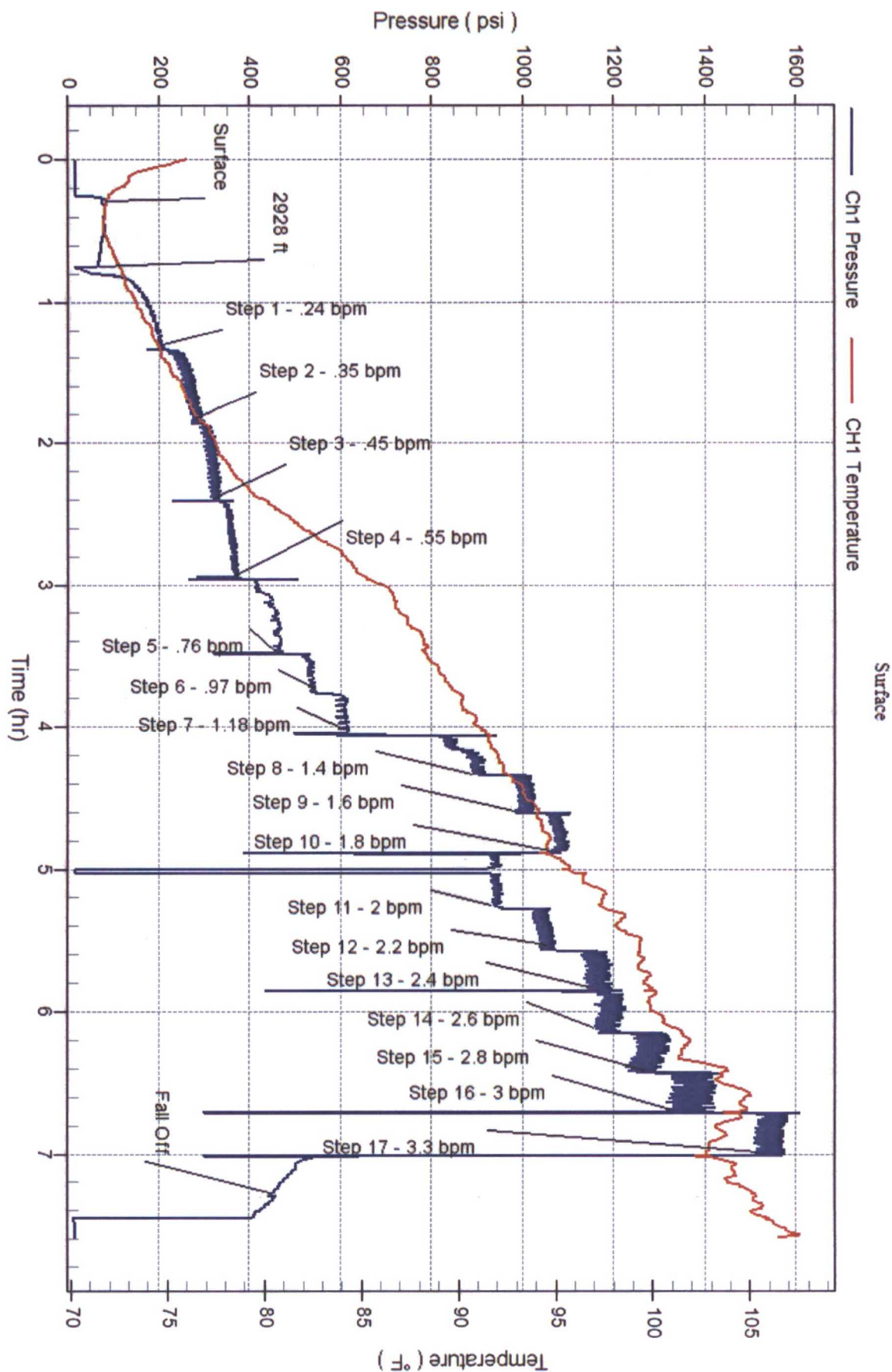


Pressure and Temperature Report

Cooper Jal Unit #118 Surface

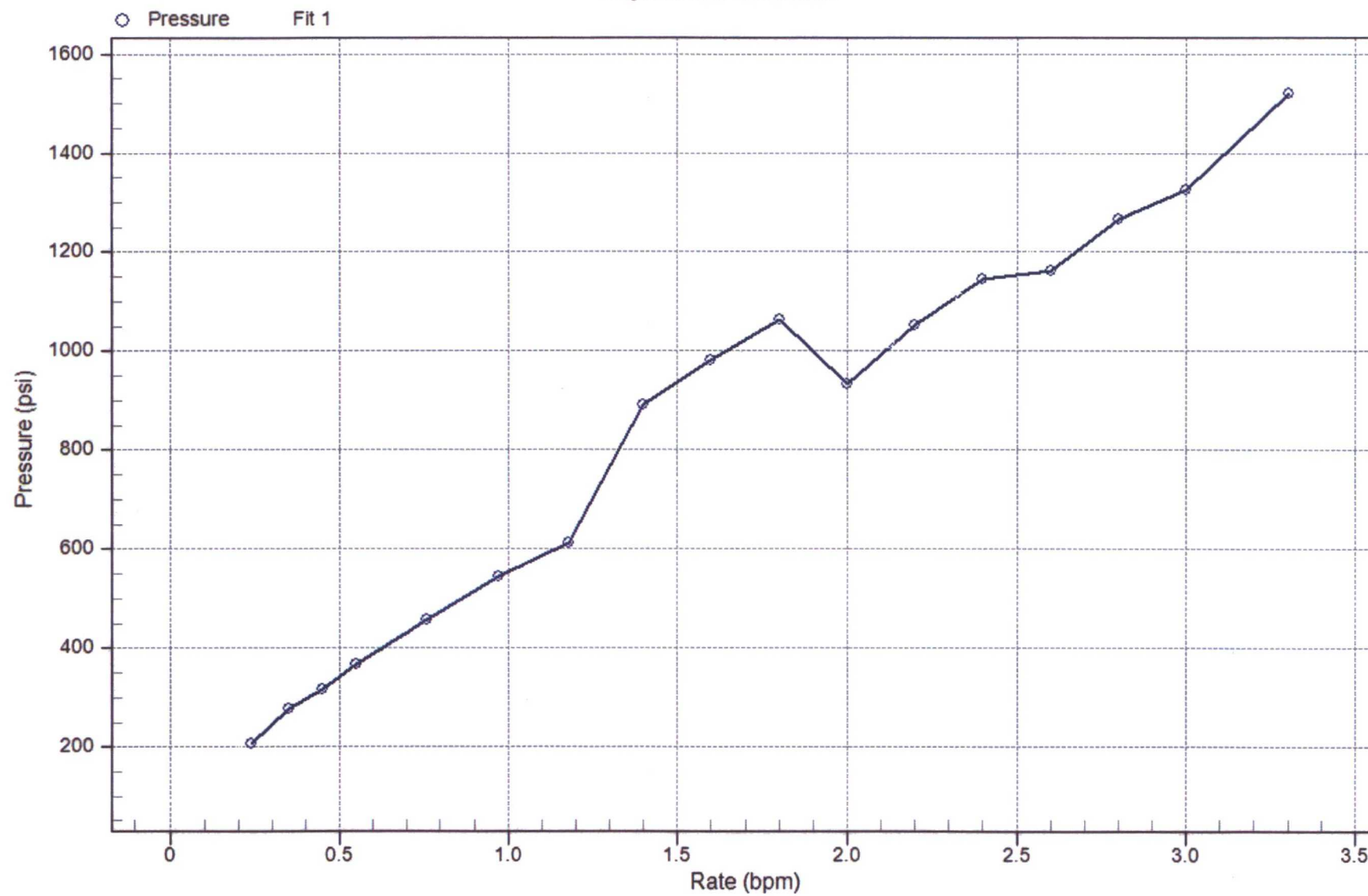
Rate bpm	Pressure psi	Temperature degF
Step 1 - 0.24	206.04	74.57
Step 2 - 0.35	276.93	76.60
Step 3 - 0.45	317.64	79.74
Step 4 - 0.55	365.83	85.04
Step 5 - 0.76	456.55	88.19
Step 6 - 0.97	544.22	89.78
Step 7 - 1.18	611.64	91.21
Step 8 - 1.40	891.16	92.40
Step 9 - 1.60	981.68	94.07
Step 10 - 1.80	1063.93	94.52
Step 11 - 2.00	933.26	97.21
Step 12 - 2.20	1052.08	99.37
Step 13 - 2.40	1145.75	99.73
Step 14 - 2.60	1161.54	101.04
Step 15 - 2.80	1265.26	103.82
Step 16 - 3.00	1324.71	104.76
Step 17 - 3.30	1518.68	102.69

Cooper Jal Unit #118



Pressure vs. Rate

Cooper Jal Unit #118 Surface



Temperature vs. Rate

Cooper Jal Unit #118 Surface

