

Submit 1 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

OCT 16 2017

RECEIVED

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.)		WELL API NO. 30-025-09628
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐ INJECTOR		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator LEGACY RESERVES OPERATING LP		6. State Oil & Gas Lease No. 141560
3. Address of Operator P.O. BOX 10848, MIDLAND, TX 79702		7. Lease Name or Unit Agreement Name COOPER JAL UNIT
4. Well Location Unit Letter <u>A</u> : <u>660</u> feet from the <u>NORTH</u> line and <u>330</u> feet from the <u>EAST</u> line Section <u>24</u> Township <u>24S</u> Range <u>36E</u> NMPM County <u>LEA</u>		8. Well Number <u>201</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3316' GR		9. OGRID Number 240974
		10. Pool name or Wildcat Jalmat; T-Y-7Rvrs

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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 12, 2017, OCD notified. See attached results.

Legacy Reserves Operating, LP requests to increase injection pressures for this well to 825 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

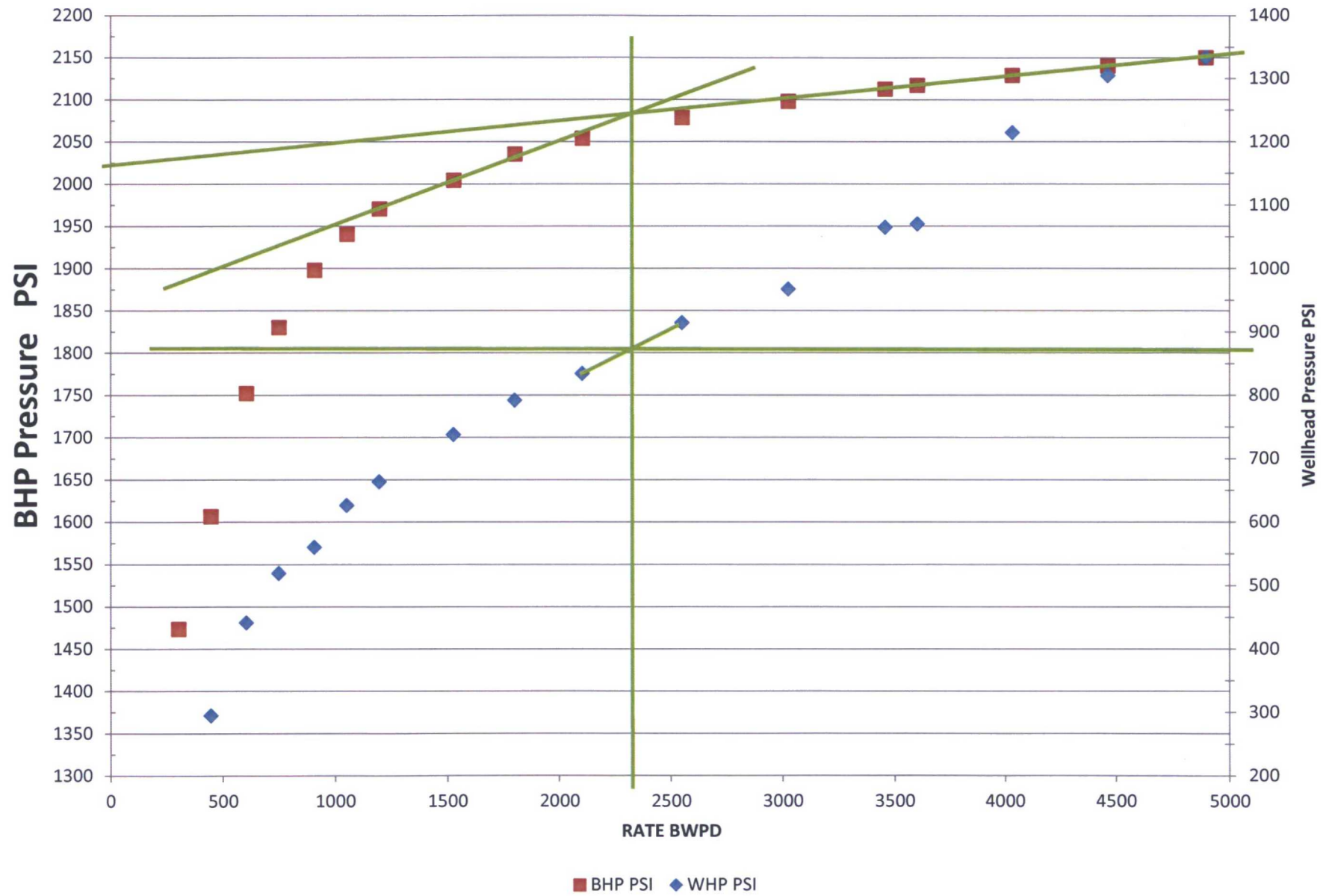
Type or print name LAURA PINA E-mail address: lpina@legacyp.com PHONE: (432) 689-5200
For State Use Only

APPROVED BY: Accepted for Record Only DATE 10/18/2017

Conditions of Approval (if any):

MBrown 10/18/2017

CJU 201



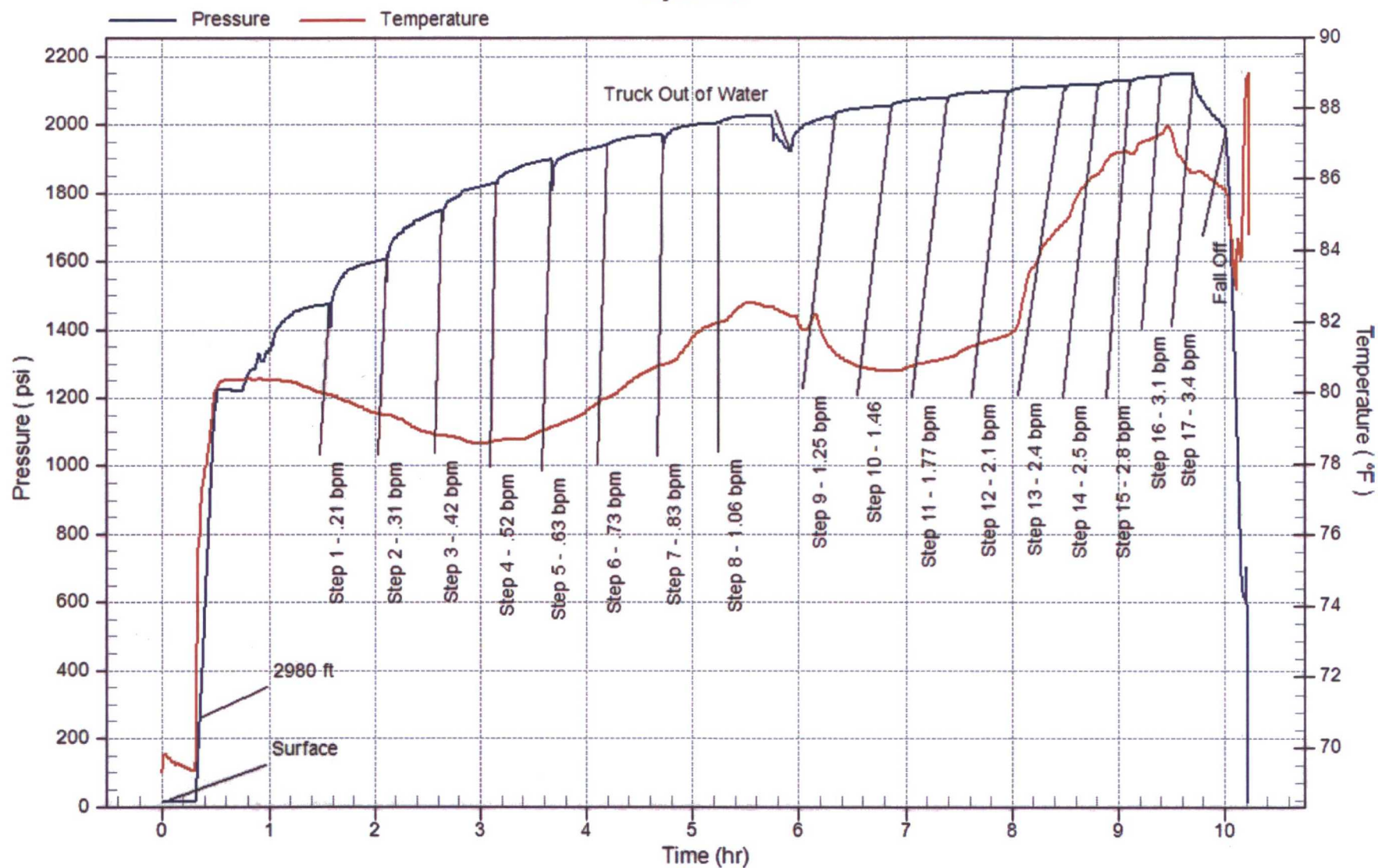


STEP RATE TEST

**Cooper Jal #201
September 12, 2017**

Cooper Jal #201

Step Rate Test



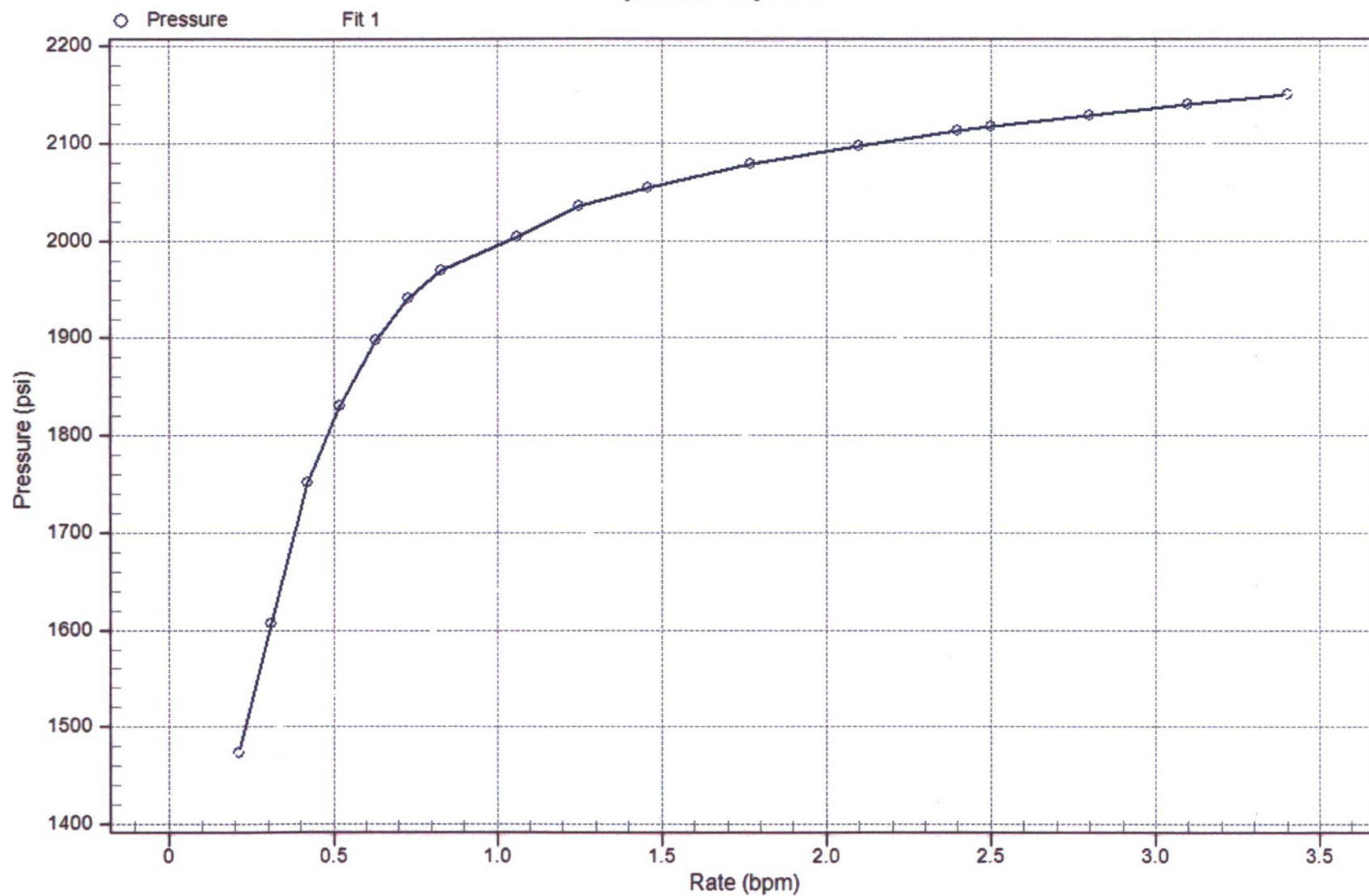
Pressure and Temperature Report

Cooper Jal #201 Step Rate Test

Rate bpm	Pressure psi	Temperature degF
Step 1 - 0.21	1473.68	79.92
Step 2 - 0.31	1606.47	79.35
Step 3 - 0.42	1752.13	78.79
Step 4 - 0.52	1830.08	78.65
Step 5 - 0.63	1897.94	79.05
Step 6 - 0.73	1940.62	79.88
Step 7 - 0.83	1970.30	80.79
Step 8 - 1.06	2004.37	81.99
Step 9 - 1.25	2035.22	81.04
Step 10 - 1.46	2053.86	80.61
Step 11 - 1.77	2078.43	80.97
Step 12 - 2.10	2097.92	81.62
Step 13 - 2.40	2112.63	84.81
Step 14 - 2.50	2117.08	86.17
Step 15 - 2.80	2128.94	86.72
Step 16 - 3.10	2139.81	87.28
Step 17 - 3.40	2149.76	86.19

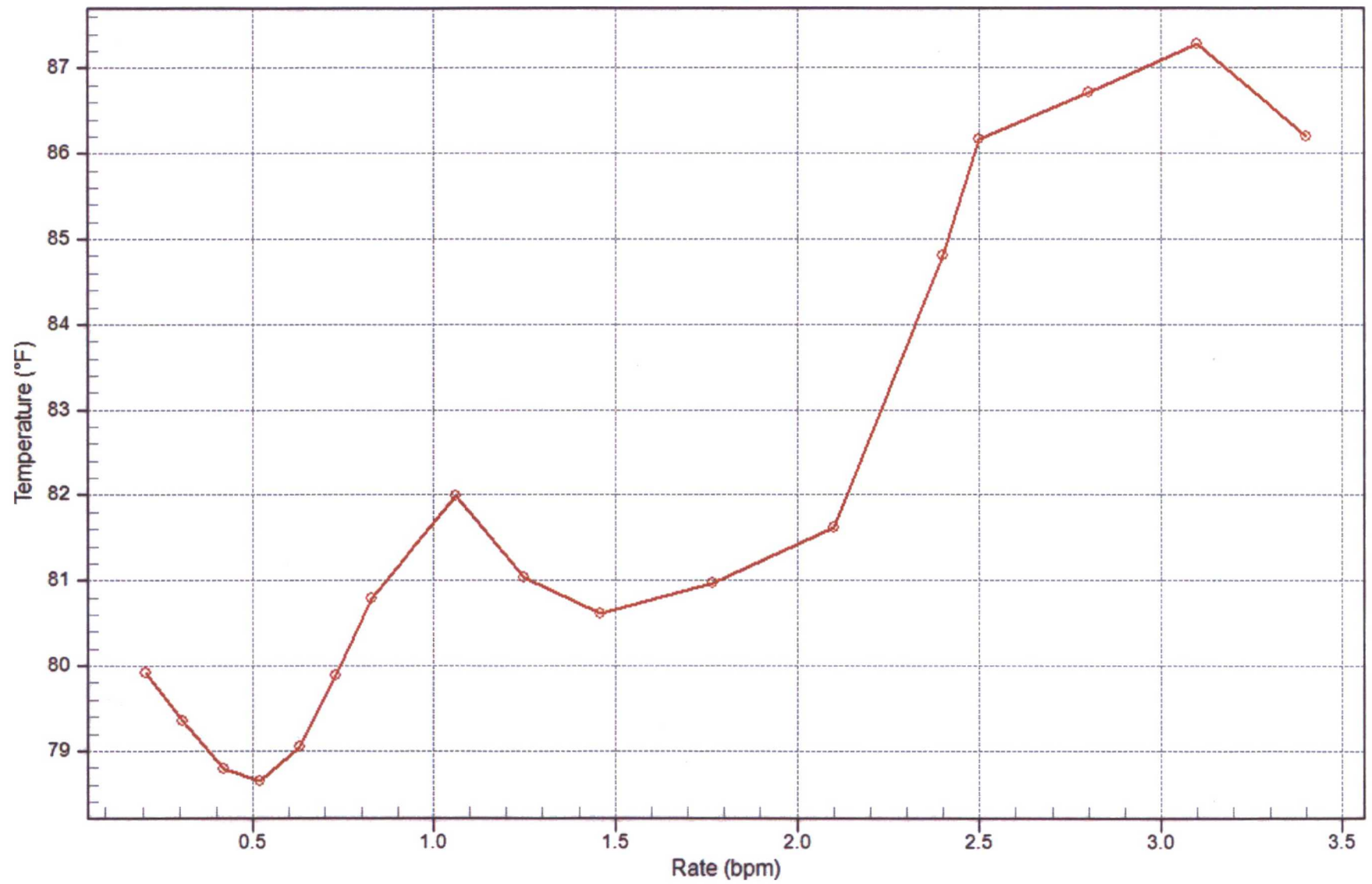
Pressure vs. Rate

Cooper Jal #201 Step Rate Test



Temperature vs. Rate

Cooper Jal #201 Step Rate Test



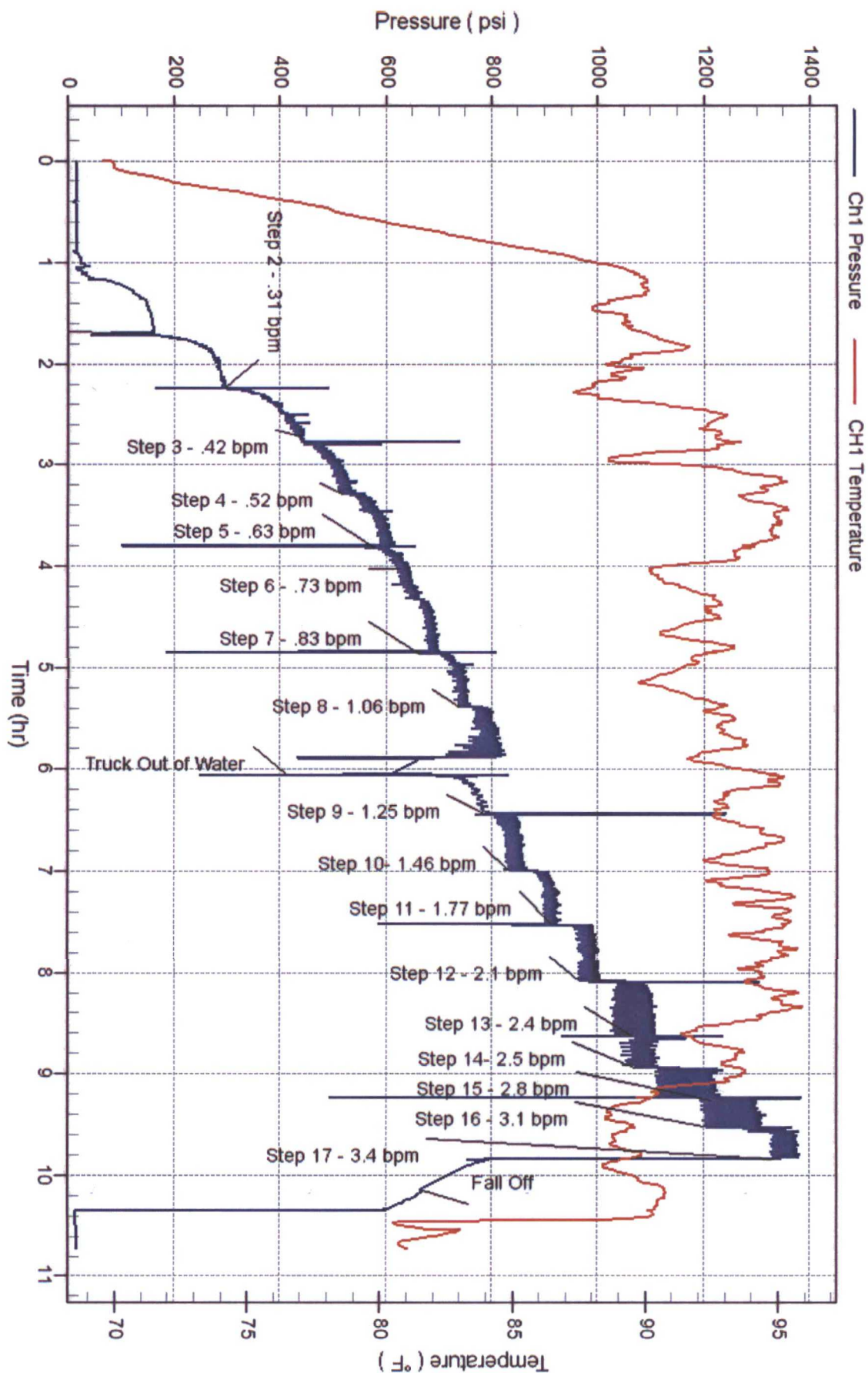
Pressure and Temperature Report

Cooper Jal #201 Surface

Rate bpm	Pressure psi	Temperature degF
Step 1 - 0.21	161.95	89.91
Step 2 - 0.31	294.83	87.97
Step 3 - 0.42	441.45	93.25
Step 4 - 0.52	519.57	93.90
Step 5 - 0.63	560.55	93.72
Step 6 - 0.73	626.35	90.14
Step 7 - 0.83	663.34	92.37
Step 8 - 1.06	737.68	92.82
Step 9 - 1.25	791.74	92.56
Step 10 - 1.46	834.08	94.58
Step 11 - 1.77	913.93	95.26
Step 12 - 2.10	967.25	93.83
Step 13 - 2.40	1064.42	91.63
Step 14 - 2.50	1069.96	93.55
Step 15 - 2.80	1214.42	90.06
Step 16 - 3.10	1201.99	89.57
Step 17 - 3.40	1333.97	89.42

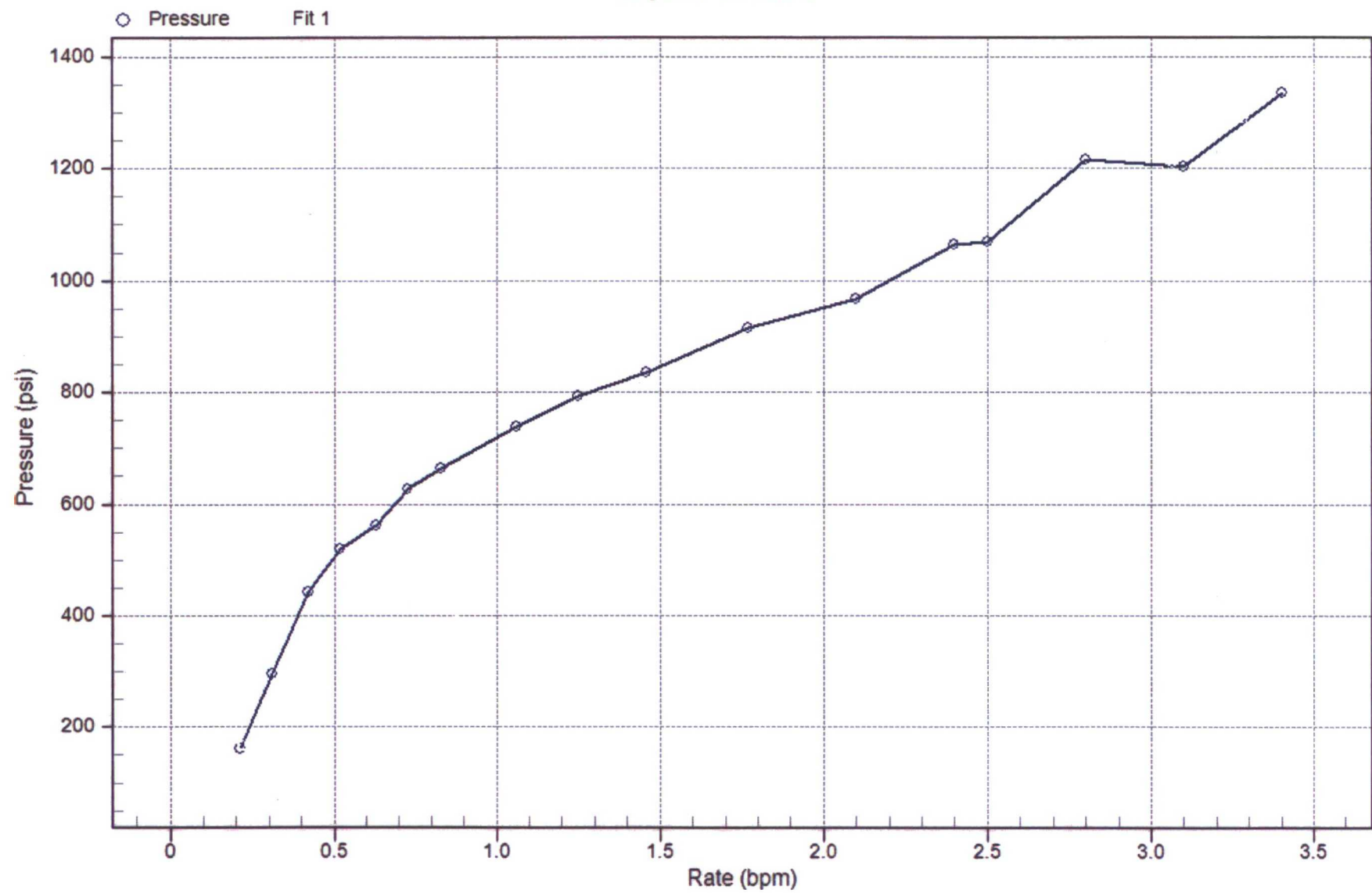
Cooper Jal #201

Surface



Pressure vs. Rate

Cooper Jal #201 Surface



Temperature vs. Rate

Cooper Jal #201 Surface

