

Flow Test Data Sheet

4/23/2023

FLOW TEST DATA SHEET

Project Description: 1.25" PE on Cherry - Segment and Services to Building 1 & 2 Flow Test

Device: Residing

System MACP: 00 psig

Target Test Pressure: 03 psig

Test Duration: Until Steady State Reached

Water Used: None & M History

Connects Used:

Date Test Completed:

Test Medium: Air

Air Compressor Used: Kinross B34

Regulator Used: F Fisher 2000

Regulator Spring Color:

Rated Used & Setpoint: F Fisher 2000 - 02 P000

Pressure and Temperature Test Data					
Minutes	Time	PSIG	Temperature	Clock	Remarks
0	3:32	-0.1		0	
				34 sec.	
				4:52	
		30.6		1:07	
				1:27	
				1:44	
				2:01	
				2:18	
				2:36	
		30.6		2:52	
		30.6		3:09	
		1		3:27	
		30.6		3:43	
		30.6		4:00	
	3:37	20.6		4:17	
		30.6		4:34	
		30.6		4:52	
		30.6		5:09	
		30.6		5:26	
		30.6		5:44	
				6:01	
				6:18	

Time and date test started: _____ Time and date test ended: _____

Minimum pressure observed: _____ Test conducted by: _____

Leads or failures present during Test? Yes No

Description of Leads or Failures: _____

Page 1 →

Time	PS16	Clock
	30.6	6:35
3:39	30.6	6:53
3:40	30.6	7:10
3:40	30.6	7:27
3:40	30.6	7:44
3:41	30.5	8:02
3:41	30.5	8:19
3:41	30.5	8:36
3:41	30.5	8:53
3:42	30.5	9:11
3:42	30.5	9:28
3:42	30.5	9:45
3:42	30.5	10:03
3:43	30.5	10:20
3:43	30.5	10:37
3:43	30.5	10:55
3:44	30.5	11:13
3:44	30.5	11:29
3:44	30.5	11:48
3:45	30.5	12:04
3:45	30.5	12:22
3:45	30.5	12:39
3:45	30.5	12:58
3:46	30.5	13:15
3:46	30.5	13:32
3:46	30.5	13:50
3:47	30.5	14:07
3:47	30.5	14:26
3:47	30.5	14:44
3:47	30.7	15:02
3:48		15:19
		15:37

15:47 *main*
up

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FLOW TEST DATA SHEET

Project Description: 1.25" PE on Cherry - Segment and Services to Building 1 & 2 Flow Test

District: Reading Date Test Complete: _____

System MAOP: 65 psig Test Medium: Air

Target Test Pressure: 67 psig Air Compressor Used: KAWASUMI W10

Test Duration: Until Steady State Reached Regulator Used: 2" Pressure 2000

Name (s): Nicole S. Murphy Regulator Spring Code: _____

Connector Used: _____ Relief Used & Setpoint: 2" Pressure 2000 - 55 PSIG

Pressure and Temperature Test Data					
Minutes	Time	PSIG	Temperature	Clock	Remarks
				15:53	
		38.1		16:11	
		38.0		16:24	
	3:49	38.1		16:46	
	3:49	37.8		17:04	
	3:50	37.9		17:21	
	3:50	38.4		17:34	
	3:50	38.5		17:57	
	3:51	38.5		18:14	
	3:51	38.5		18:32	
	3:51	38.5		18:50	
	3:52	38.5		19:08	
	3:52	38.5		19:25	
	3:52	38.5		19:44	
	3:53	38.7		20:19	
	3:53	38.8		20:37	
	3:53	38.5		20:55	
	3:54	38.3		21:12	
	3:54	38.3		21:29	
	3:54	38.5		21:47	
	3:55	38.6		22:05	
	3:55	39.0		22:23	

Time and date test started: _____ Time and date test ended: _____

Minimum pressure observed: _____ Test conducted by: _____

Leads or failures present during Test? Yes No

Description of Leads or Failures: _____

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Time	PS16	Clock
	39.5	22:41
		22:23
	39.7	23:17
3:56	39.8	23:35
3:56	40.0	23:53
3:57	40.0	24:11
3:57	39.9	24:29
3:57	40.5	24:47
3:58	40.0	25:06
3:58	39.5	25:24
3:58	39.2	25:42
3:58	39.0	26:01
3:59	39.1	26:18
3:59	40.1	26:36
3:59	40.8	26:54
4:00	40.9	27:13
4:00	41.0	27:31
4:00	40.5	27:50
4:01	40.3	28:08
4:01	40.2	28:27
4:01	40.4	28:45
4:02	41.2	29:04
4:02	41.7	29:22
4:02	42.0	29:42
4:02	42.2	30:01
4:03	42.6	30:20
4:03	43.2	30:39
4:03	43.6	30:59
4:04	44	31:20
4:04	43.6	31:39
4:04	43.9	31:59
4:05	43.7	32:20
4:05	43.7	32:40
4:05	43.7	33:00
4:06	43.3	33:20
4:06	43.4	33:39
4:06	43.9	34:00
4:07	44.3	34:20

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FLOW TEST DATA SHEET

Project Description:	1.25" PE on Cherry - Segment and Services to Building 1 & 2 Flow Test	Date Test Completed:	
District:	Reading	Test Medium:	Air
System MADP:	60 psig	Air Compressor Used:	Karwin M-8
Target Test Pressure:	80 psig	Regulator Used:	1" Fisher 2084
Test Duration:	Until Steady State Reached	Regulator Spring Color:	
Water Used:	None S.M. Recovery	Fluid Used & Setpoint:	1" Fisher 2084 - 15 PSIG
Connectors Used:			

Pressure and Temperature Test Data					
Minutes	Time	PSIG	Temperature	Clock	Remarks
	4:07	43.5		34:40	
	4:07	43.0		34:54	
	4:08	42.7		35:19	
	4:08	42.5		35:39	
	4:08	42.4		35:58	
	4:09	42.6		36:18	
	4:09	43.4		36:37	
	4:09	43.9		36:57	
	4:10	43.6		37:17	
	4:10	42.9		37:36	
	4:10	42.8		37:56	
	4:11	43.0		38:16	
	4:11	43.6		38:35	
	4:11	44.2		38:55	
	4:12	44.7		39:15	
	4:12	45.3		39:37	
	4:12	46.0		39:57	
	4:13	46.6		40:18	
	4:13	46.5		40:40	
	4:13	47.0		41:01	
	4:14	47.1		41:22	
	4:14	47.6		41:45	

Time and date test started: _____ Time and date test ended: _____

Minimum pressure observed: _____ Test concluded by: _____

Leak or failure present during Test? Yes No

Description of Leaks or Failures: _____

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4:15 48 42:07
4:15 -01 42:34

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FLOW TEST DATA SHEET

Project Description: 1.25" PE on Cherry - Segment and Services to Building 1 & 2 Flow Test

District: Reading

System MAOP: 80 psig

Target Test Pressure: 80 psig

Test Duration: Until Steady State Reached

Meter Used: Koolhaas & B. Hubing

Connector Used:

Date Test Completed:

Test Medium: Air

Air Compressor Used: Emerson 800

Regulator Used: 2" Flator 2000

Regulator Spring Color:

Rated Used & Support: 1" Flator 2000 - 80 PSIG

LAP #

332

Pressure and Temperature Test Data						
Minutes	Time	PSIG	Temperature	Clock	Remarks	
0	0	-1		17:47:16.7	30.6	
L1	74.84	30.8		17:47:46	30.6	
L2	18.08	30.2		17:47:28	30.5	
L3	16.64	30.6		17:47:22	30.5	
L4	16.69	30.7		17:47:18	30.5	
L5	18.05	30.7		17:47:18	30.5	
L6	16.12	30.7		17:47:12	30.6	
L7	17.38	30.7		17:47:06	30.5	
L8	17.24	30.7		17:47:00	30.5	
L9	17.14	30.6		17:46:54	30.5	
L10	17.54	30.6		17:46:48	30.5	
L11	16.58	30.6		17:46:42	30.5	
L12	16.88	30.6		17:46:36	30.5	
L13	17.22	30.6		17:46:30	30.5	
L14	16.18	30.6		17:46:24	30.5	
L15	17.21	30.6		17:46:18	30.5	
L16	17.08	30.6		17:46:12	30.5	
L17	17.11	30.6		17:46:06	30.5	
L18	17.11	30.6		17:46:00	30.5	
L19	17.43	30.6		17:45:54	30.5	
L20	17.15	30.6		17:45:48	30.5	
L21	17.37	30.6		17:45:42	30.5	

Time and date test started: _____ Time and date test ended: _____

Minimum pressure observed: _____ Test conducted by: _____

Leak or failure present during Test? Yes No

Description of Leak or Failure: _____

Station	Pressure	Temp	Station	Pressure	Temp
L17	11.1	71.2	L71	18.54	38.4
L18	11.2	72.7	L72	16.81	38.2
L19	11.3	74.2	L73	17.11	38.1
L20	11.4	75.7	L74	17.0	38.6
L21	11.5	77.2	L75	17.01	39.0
L22	11.6	78.7	L76	18.47	38.2
L23	11.7	80.2	L77	35.48	38.7
L24	11.8	81.7	L78	18.74	38.8
L25	11.9	83.2	L79	17.33	40.0
L26	12.0	84.7	L80	18.23	38.8
L27	12.1	86.2	L81	18.55	38.1
L28	12.2	87.7	L82	18.78	39.8
L29	12.3	89.2	L83	18.38	38.4
L30	12.4	90.7	L84	18.30	38.2
L31	12.5	92.2	L85	18.17	38.1
L32	12.6	93.7	L86	17.66	38.0
L33	12.7	95.2	L87	17.58	38.1
L34	12.8	96.7	L88	18.30	40.1
L35	12.9	98.2	L89	18.25	40.6
L36	13.0	99.7	L90	18.99	40.8
L37	13.1	101.2	L91	17.85	41.0
L38	13.2	102.7	L92	18.61	40.6
L39	13.3	104.2	L93	18.79	40.2
L40	13.4	105.7	L94	18.81	40.2
L41	13.5	107.2	L95	18.77	40.5
L42	13.6	108.7	L96	17.66	40.1
L43	13.7	110.2	L97	18.96	40.8
L44	13.8	111.7	L98	18.71	42.1
L45	13.9	113.2			
L46	14.0	114.7			
L47	14.1	116.2			
L48	14.2	117.7			
L49	14.3	119.2			
L50	14.4	120.7			
L51	14.5	122.2			
L52	14.6	123.7			
L53	14.7	125.2			
L54	14.8	126.7			
L55	14.9	128.2			
L56	15.0	129.7			
L57	15.1	131.2			
L58	15.2	132.7			
L59	15.3	134.2			
L60	15.4	135.7			
L61	15.5	137.2			
L62	15.6	138.7			
L63	15.7	140.2			
L64	15.8	141.7			
L65	15.9	143.2			
L66	16.0	144.7			
L67	16.1	146.2			
L68	16.2	147.7			
L69	16.3	149.2			
L70	16.4	150.7			

3.49
Pressure
30/11/18

Now
2 10.1 6.2
3 11.8 44.2
4 20.93 45.4
5 12.1 45.6
6 20.83 45.7
7 21.7 46.5
8 21.9 46.5
9 22.88 47.1
10 22.8 47.2
11 22.76 48.0
12 22.26 48.0

4.15
OFF

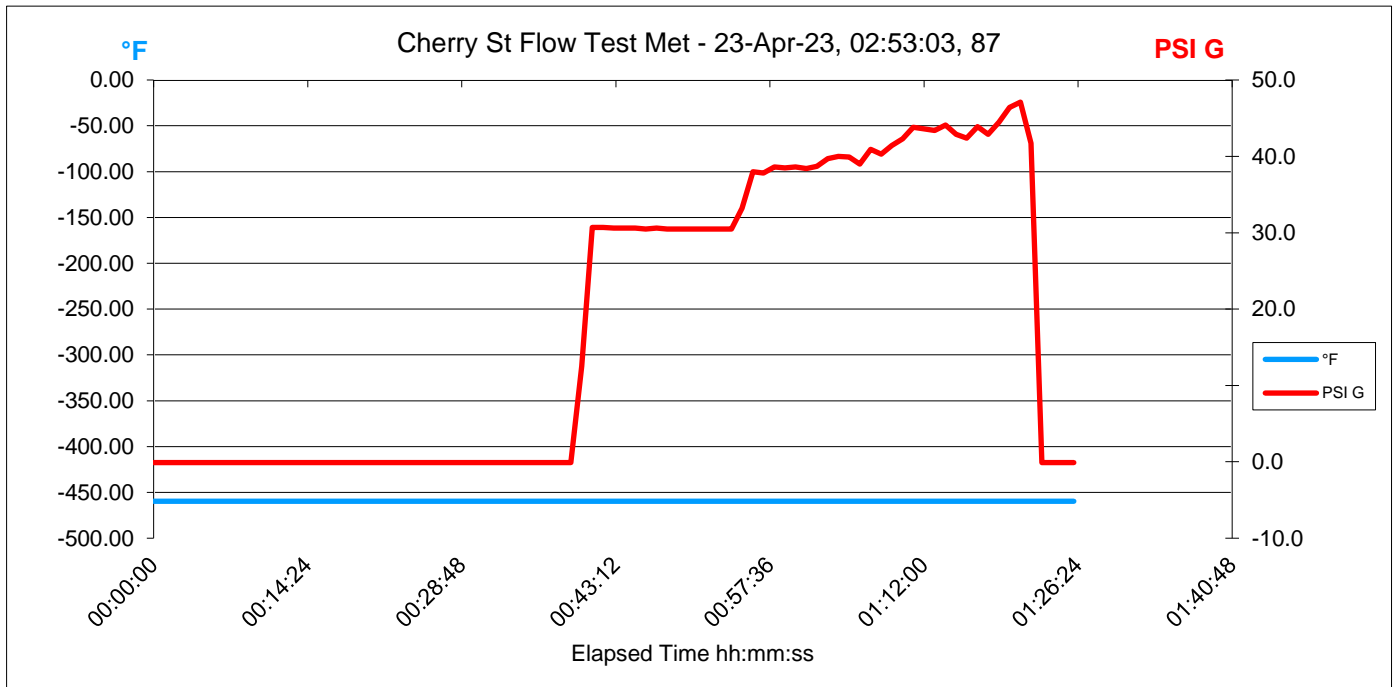
L49	18.85									L19	11.03	42.2
L48	16.54									L100	24.2	42.7
L47	17.98									L101	18.46	43.2
L46	18.10									L102	19.99	43.7
L45	15.50									L103	20.66	44.1
L44										L104	17.80	43.6
										L105	17.77	43.8
										L106	17.62	43.8
										L107	20.08	43.7
										L108	17.77	43.7
										L109	19.96	43.3
										L110	20.00	43.4
										L111	20.42	43.8
										L112	19.22	43.3
										L113	20.87	43.5
										L114	19.27	43
										L115	19.85	42.8
										L116	19.4	41.4
										L117	19.71	41.8
										L118	19.6	42.6
										L119	19.44	43.5
										L120	19.75	43.8
										L121	19.2	43.2
												43.0

Data Collection Report

	Chassis	Left Scale	Right Scale
Serial Number	216348	214066	213241
Datatype		Lower	Upper
Units		°F	PSI G

Lower

Upper



	Chassis	Lower Module	Upper Module	BARO Module	Left Scale	Right Scale
Serial Number	216348	214066	213241		214066	213241
Model	NV	RTD100	3KPSI			
Message Store						
Userspan		1.00000	1.00000			
Offset						
Datatype					Lower	Upper
Units		°F	PSI G		°F	PSI G
Tare						
Average						
User Factor						
User Offset						
User Resolution						
Firmware Version	R080016	R100006	R090009			
Calibration Due		18-Jul-23	18-Jul-23			
Run Index	4					
Run Start Time	23-Apr-23/14:53:03					
Run Duration	1 hour 26 minutes					
Run Tag	Cherry St Flow Test Met					
Logging Interval	60.0					

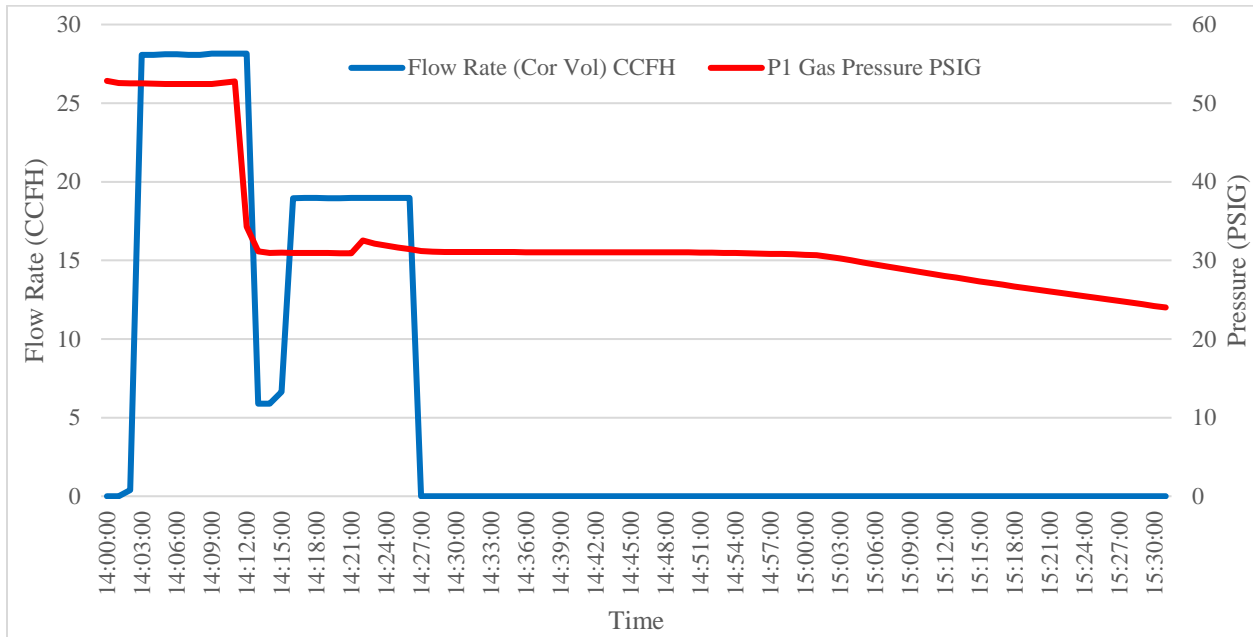
Data Points			
Point #	Time	Left - °F	Right - PSI G
1	00:00:00.0	-459.67	-0.1
2	00:01:00.0	-459.67	-0.1
3	00:02:00.0	-459.67	-0.1
4	00:03:00.0	-459.67	-0.1
5	00:04:00.0	-459.67	-0.1
6	00:05:00.0	-459.67	-0.1
7	00:06:00.0	-459.67	-0.1
8	00:07:00.0	-459.67	-0.1
9	00:08:00.0	-459.67	-0.1
10	00:09:00.0	-459.67	-0.1
11	00:10:00.0	-459.67	-0.1
12	00:11:00.0	-459.67	-0.1
13	00:12:00.0	-459.67	-0.1
14	00:13:00.0	-459.67	-0.1
15	00:14:00.0	-459.67	-0.1
16	00:15:00.0	-459.67	-0.1
17	00:16:00.0	-459.67	-0.1
18	00:17:00.0	-459.67	-0.1
19	00:18:00.0	-459.67	-0.1
20	00:19:00.0	-459.67	-0.1

21	00:20:00.0	-459.67	-0.1
22	00:21:00.0	-459.67	-0.1
23	00:22:00.0	-459.67	-0.1
24	00:23:00.0	-459.67	-0.1
25	00:24:00.0	-459.67	-0.1
26	00:25:00.0	-459.67	-0.1
27	00:26:00.0	-459.67	-0.1
28	00:27:00.0	-459.67	-0.1
29	00:28:00.0	-459.67	-0.1
30	00:29:00.0	-459.67	-0.1
31	00:30:00.0	-459.67	-0.1
32	00:31:00.0	-459.67	-0.1
33	00:32:00.0	-459.67	-0.1
34	00:33:00.0	-459.67	-0.1
35	00:34:00.0	-459.67	-0.1
36	00:35:00.0	-459.67	-0.1
37	00:36:00.0	-459.67	-0.1
38	00:37:00.0	-459.67	-0.1
39	00:38:00.0	-459.67	-0.1
40	00:39:00.0	-459.67	-0.1
41	00:40:00.0	-459.67	12.5
42	00:41:00.0	-459.67	30.7
43	00:42:00.0	-459.67	30.7
44	00:43:00.0	-459.67	30.6
45	00:44:00.0	-459.67	30.6
46	00:45:00.0	-459.67	30.6
47	00:46:00.0	-459.67	30.5
48	00:47:00.0	-459.67	30.6
49	00:48:00.0	-459.67	30.5
50	00:49:00.0	-459.67	30.5
51	00:50:00.0	-459.67	30.5
52	00:51:00.0	-459.67	30.5
53	00:52:00.0	-459.67	30.5
54	00:53:00.0	-459.67	30.5
55	00:54:00.0	-459.67	30.5
56	00:55:00.0	-459.67	33.2
57	00:56:00.0	-459.67	38.0
58	00:57:00.0	-459.67	37.8
59	00:58:00.0	-459.67	38.6
60	00:59:00.0	-459.67	38.5
61	01:00:00.0	-459.67	38.6
62	01:01:00.0	-459.67	38.4
63	01:02:00.0	-459.67	38.7
64	01:03:00.0	-459.67	39.7
65	01:04:00.0	-459.67	40.0
66	01:05:00.0	-459.67	39.9
67	01:06:00.0	-459.67	39.0
68	01:07:00.0	-459.67	40.9

69	01:08:00.0	-459.67	40.3
70	01:09:00.0	-459.67	41.4
71	01:10:00.0	-459.67	42.3
72	01:11:00.0	-459.67	43.8
73	01:12:00.0	-459.67	43.6
74	01:13:00.0	-459.67	43.4
75	01:14:00.0	-459.67	44.1
76	01:15:00.0	-459.67	42.9
77	01:16:00.0	-459.67	42.4
78	01:17:00.0	-459.67	43.9
79	01:18:00.0	-459.67	42.9
80	01:19:00.0	-459.67	44.5
81	01:20:00.0	-459.67	46.4
82	01:21:00.0	-459.67	47.1
83	01:22:00.0	-459.67	41.7
84	01:23:00.0	-459.67	-0.1
85	01:24:00.0	-459.67	-0.1
86	01:25:00.0	-459.67	-0.1
87	01:26:00.0	-459.67	-0.1

**Master Link Data
Pressure and Flow Rate**

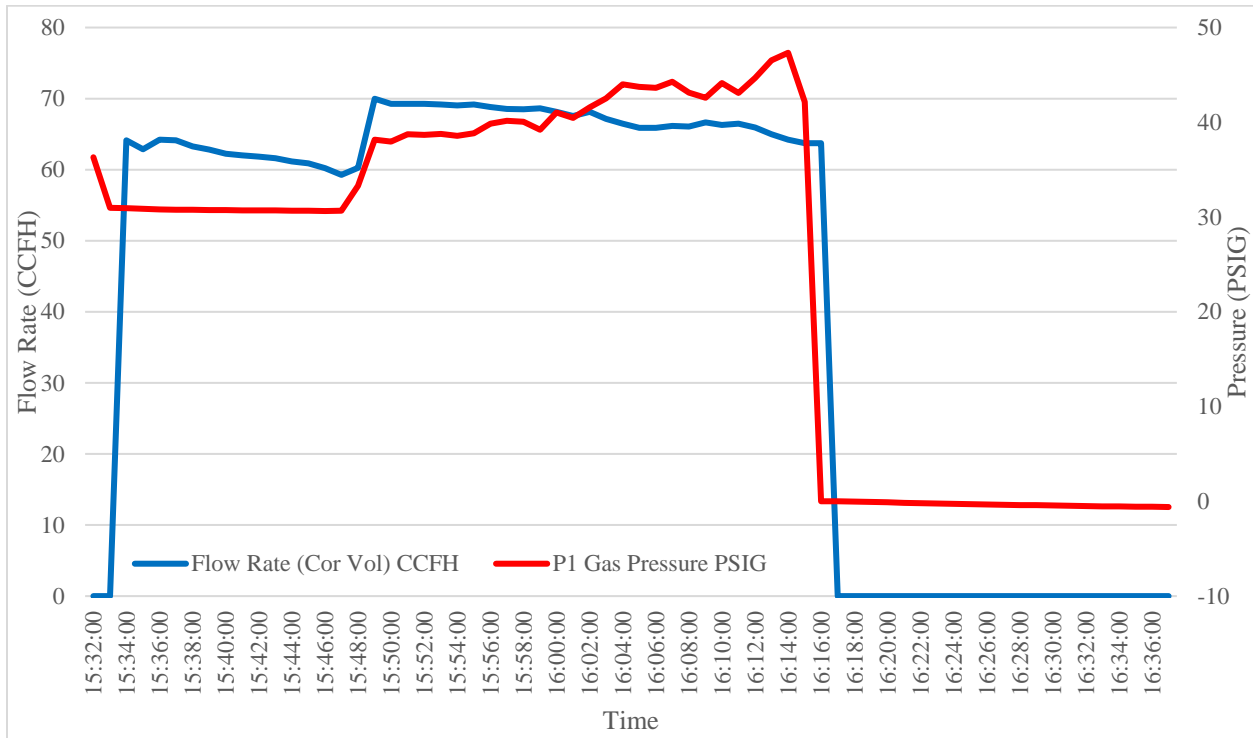
- Test of 1/4" Hole at approximately 53 PSIG, lowered to 31 PSIG



Date	Time	Flow Rate (Cor Vol)	Gas Temp	P1 Gas Pressure	Corrected Volume	Incremental Cor Vol	Incremental Unc Vol	P1 Interval Avg Press	Interval Avg Gas Temp	P1 Interval Low Press	P1 Interval High Press
		CCFH	F	PSIG				PSIG	F	PSIG	PSIG
4/23/2023	14:00:00	0	69.52	52.835	4	0	0	30.971	69.24	-0.029	52.835
4/23/2023	14:01:00	0	69.72	52.548	4	0	0	53.105	69.67	50.818	55.449
4/23/2023	14:02:00	0.39	69.53	52.533	4	0	1	52.699	69.67	51.191	56.561
4/23/2023	14:03:00	28.07	69.32	52.501	5	1	1	52.511	69.45	52.473	52.542
4/23/2023	14:04:00	28.08	69.21	52.478	5	0	1	52.476	69.28	52.454	52.509
4/23/2023	14:05:00	28.12	69.19	52.454	6	1	1	52.452	69.19	52.448	52.483
4/23/2023	14:06:00	28.11	69.25	52.437	6	0	1	52.458	69.19	52.428	52.47
4/23/2023	14:07:00	28.07	69.33	52.452	7	1	1	52.437	69.26	52.43	52.462
4/23/2023	14:08:00	28.08	69.45	52.44	7	0	1	52.437	69.35	52.43	52.46
4/23/2023	14:09:00	28.15	69.61	52.438	8	1	1	52.438	69.46	52.419	52.456
4/23/2023	14:10:00	28.15	69.85	52.599	8	0	1	52.429	69.63	52.407	53.158
4/23/2023	14:11:00	28.15	69.96	52.772	8	0	0	52.746	69.92	52.616	52.772
4/23/2023	14:12:00	28.15	69.94	34.291	8	0	0	51.034	69.96	34.291	52.772
4/23/2023	14:13:00	5.88	69.85	31.156	8	0	1	31.341	69.92	31.032	33.853
4/23/2023	14:14:00	5.88	69.83	30.938	8	0	0	31.079	69.84	30.435	31.155
4/23/2023	14:15:00	6.64	69.9	30.968	9	1	1	30.977	69.9	30.869	30.995
4/23/2023	14:16:00	18.96	70.01	30.956	9	0	1	30.953	70	30.947	30.974
4/23/2023	14:17:00	18.97	70.1	30.946	9	0	1	30.947	70.09	30.936	30.959
4/23/2023	14:18:00	18.98	70.15	30.93	10	1	1	30.935	70.14	30.926	30.947
4/23/2023	14:19:00	18.96	70.24	30.927	10	0	1	30.927	70.22	30.918	30.938
4/23/2023	14:20:00	18.96	70.35	30.924	10	0	1	30.922	70.32	30.913	30.931
4/23/2023	14:21:00	18.98	70.47	30.913	10	0	1	30.912	70.43	30.908	30.924
4/23/2023	14:22:00	18.98	70.59	32.553	11	1	1	30.905	70.55	30.903	32.829
4/23/2023	14:23:00	18.98	70.65	32.111	11	0	0	32.247	70.63	32.111	32.507
4/23/2023	14:24:00	18.98	70.6	31.878	11	0	0	31.993	70.63	31.878	32.106
4/23/2023	14:25:00	18.98	70.53	31.643	11	0	0	31.758	70.57	31.643	31.873
4/23/2023	14:26:00	18.98	70.47	31.415	11	0	0	31.528	70.5	31.415	31.638
4/23/2023	14:27:00	0	70.41	31.188	11	0	0	31.299	70.44	31.188	31.411
4/23/2023	14:28:00	0	70.37	31.106	11	0	0	31.132	70.39	31.106	31.184
4/23/2023	14:29:00	0	70.32	31.088	11	0	0	31.095	70.34	31.088	31.106
4/23/2023	14:30:00	0	70.29	31.076	11	0	0	31.081	70.31	31.075	31.088
4/23/2023	14:31:00	0	70.26	31.069	11	0	0	31.072	70.27	31.069	31.076
4/23/2023	14:32:00	0	70.24	31.063	11	0	0	31.066	70.25	31.063	31.07
4/23/2023	14:33:00	0	70.22	31.059	11	0	0	31.061	70.23	31.059	31.064
4/23/2023	14:34:00	0	70.21	31.055	11	0	0	31.057	70.22	31.055	31.06
4/23/2023	14:35:00	0	70.21	31.052	11	0	0	31.053	70.21	31.051	31.055
4/23/2023	14:36:00	0	70.23	31.047	11	0	0	31.049	70.22	31.047	31.052
4/23/2023	14:37:00	0	70.24	31.044	11	0	0	31.045	70.23	31.043	31.047
4/23/2023	14:38:00	0	70.24	31.04	11	0	0	31.042	70.24	31.04	31.045
4/23/2023	14:39:00	0	70.23	31.039	11	0	0	31.039	70.24	31.037	31.041
4/23/2023	14:40:00	0	70.23	31.037	11	0	0	31.038	70.23	31.036	31.04
4/23/2023	14:41:00	0	70.21	31.031	11	0	0	31.032	70.22	31.03	31.036
4/23/2023	14:42:00	0	70.2	31.027	11	0	0	31.03	70.21	31.027	31.032
4/23/2023	14:43:00	0	70.2	31.027	11	0	0	31.027	70.2	31.026	31.028
4/23/2023	14:44:00	0	70.2	31.024	11	0	0	31.025	70.2	31.023	31.027
4/23/2023	14:45:00	0	70.2	31.024	11	0	0	31.024	70.2	31.023	31.025
4/23/2023	14:46:00	0	70.2	31.023	11	0	0	31.024	70.2	31.023	31.025
4/23/2023	14:47:00	0	70.21	31.031	11	0	0	31.026	70.21	31.02	31.031
4/23/2023	14:48:00	0	70.21	31.03	11	0	0	31.031	70.21	31.029	31.033
4/23/2023	14:49:00	0	70.21	31.03	11	0	0	31.03	70.21	31.028	31.031
4/23/2023	14:50:00	0	70.22	31.028	11	0	0	31.028	70.21	31.026	31.03
4/23/2023	14:51:00	0	70.24	31.007	11	0	0	31.019	70.23	31.007	31.029
4/23/2023	14:52:00	0	70.26	30.979	11	0	0	30.993	70.25	30.979	31.007
4/23/2023	14:53:00	0	70.28	30.952	11	0	0	30.965	70.27	30.952	30.978
4/23/2023	14:54:00	0	70.3	30.926	11	0	0	30.938	70.29	30.926	30.952
4/23/2023	14:55:00	0	70.33	30.898	11	0	0	30.912	70.32	30.898	30.926
4/23/2023	14:56:00	0	70.35	30.867	11	0	0	30.882	70.34	30.867	30.898
4/23/2023	14:57:00	0	70.36	30.839	11	0	0	30.853	70.36	30.839	30.867
4/23/2023	14:58:00	0	70.37	30.807	11	0	0	30.823	70.37	30.807	30.838
4/23/2023	14:59:00	0	70.38	30.767	11	0	0	30.788	70.38	30.767	30.806
4/23/2023	15:00:00	0	70.4	30.721	11	0	0	30.744	70.39	30.721	30.767

Date	Time	Flow Rate (Cor Vol)	Gas Temp	P1 Gas Pressure	Corrected Volume	Incremental Cor Vol	Incremental Unc Vol	P1 Interval Avg Press	Interval Avg Gas	P1 Interval Low Press	P1 Interval High Press
		CCFH	F	PSIG				PSIG	F	PSIG	PSIG
4/23/2023	15:01:00	0	70.41	30.657	11	0	0	30.692	70.41	30.657	30.72
4/23/2023	15:02:00	0	70.41	30.476	11	0	0	30.577	70.41	30.476	30.656
4/23/2023	15:03:00	0	70.38	30.238	11	0	0	30.357	70.39	30.238	30.471
4/23/2023	15:04:00	0	70.33	29.994	11	0	0	30.115	70.35	29.994	30.234
4/23/2023	15:05:00	0	70.29	29.744	11	0	0	29.868	70.31	29.744	29.989
4/23/2023	15:06:00	0	70.25	29.493	11	0	0	29.615	70.27	29.493	29.739
4/23/2023	15:07:00	0	70.2	29.241	11	0	0	29.365	70.23	29.241	29.488
4/23/2023	15:08:00	0	70.16	29.003	11	0	0	29.119	70.18	29.003	29.237
4/23/2023	15:09:00	0	70.13	28.76	11	0	0	28.88	70.14	28.76	28.998
4/23/2023	15:10:00	0	70.1	28.518	11	0	0	28.637	70.11	28.518	28.755
4/23/2023	15:11:00	0	70.06	28.27	11	0	0	28.392	70.08	28.27	28.512
4/23/2023	15:12:00	0	70	28.03	11	0	0	28.146	70.03	28.03	28.266
4/23/2023	15:13:00	0	69.94	27.802	11	0	0	27.914	69.97	27.802	28.025
4/23/2023	15:14:00	0	69.9	27.573	11	0	0	27.686	69.92	27.573	27.799
4/23/2023	15:15:00	0	69.86	27.342	11	0	0	27.455	69.88	27.342	27.569
4/23/2023	15:16:00	0	69.83	27.123	11	0	0	27.23	69.84	27.123	27.338
4/23/2023	15:17:00	0	69.81	26.906	11	0	0	27.012	69.82	26.906	27.119
4/23/2023	15:18:00	0	69.81	26.686	11	0	0	26.794	69.81	26.686	26.901
4/23/2023	15:19:00	0	69.82	26.471	11	0	0	26.576	69.82	26.471	26.682
4/23/2023	15:20:00	0	69.83	26.254	11	0	0	26.361	69.82	26.254	26.466
4/23/2023	15:21:00	0	69.83	26.055	11	0	0	26.152	69.83	26.055	26.251
4/23/2023	15:22:00	0	69.84	25.857	11	0	0	25.955	69.83	25.857	26.052
4/23/2023	15:23:00	0	69.86	25.655	11	0	0	25.756	69.85	25.655	25.853
4/23/2023	15:24:00	0	69.87	25.45	11	0	0	25.55	69.87	25.45	25.651
4/23/2023	15:25:00	0	69.86	25.244	11	0	0	25.346	69.86	25.244	25.445
4/23/2023	15:26:00	0	69.85	25.043	11	0	0	25.141	69.86	25.043	25.239
4/23/2023	15:27:00	0	69.86	24.842	11	0	0	24.94	69.86	24.842	25.039
4/23/2023	15:28:00	0	69.87	24.626	11	0	0	24.735	69.86	24.626	24.838
4/23/2023	15:29:00	0	69.83	24.414	11	0	0	24.517	69.85	24.414	24.623
4/23/2023	15:30:00	0	69.76	24.207	11	0	0	24.308	69.8	24.207	24.41
4/23/2023	15:31:00	0	69.7	24.013	11	0	0	24.109	69.73	24.013	24.204

- Actual flow test of system, attempted to get to 53 PSIG



Date	Time	Flow Rate (Cor Vol)	Gas Temp	P1 Gas Pressure	Corrected Volume	Incremental Cor Vol	Incremental Unc Vol	P1 Interval Avg Press	Interval Avg Gas Temp	P1 Interval Low Press	P1 Interval High Press
		CCFH	F	PSIG				PSIG	F	PSIG	PSIG
4/23/2023	15:32:00	0	69.72	36.318	11	0	0	30.122	69.69	23.912	38.537
4/23/2023	15:33:00	0	69.71	30.973	11	0	0	35.035	69.74	30.973	36.311
4/23/2023	15:34:00	64.15	69.51	30.951	12	1	3	31.066	69.62	30.503	31.85
4/23/2023	15:35:00	62.85	69.55	30.867	13	1	4	30.896	69.5	30.83	30.988
4/23/2023	15:36:00	64.23	70.04	30.808	14	1	3	30.822	69.76	30.768	30.871
4/23/2023	15:37:00	64.11	70.97	30.774	15	1	4	30.785	70.48	30.751	30.82
4/23/2023	15:38:00	63.26	72.25	30.77	16	1	3	30.771	71.59	30.735	30.791
4/23/2023	15:39:00	62.84	73.78	30.729	17	1	4	30.759	73.02	30.729	30.779
4/23/2023	15:40:00	62.23	75.51	30.741	18	1	3	30.741	74.66	30.725	30.756
4/23/2023	15:41:00	62	77.29	30.718	19	1	4	30.725	76.44	30.704	30.744
4/23/2023	15:42:00	61.84	79.09	30.705	20	1	3	30.711	78.26	30.689	30.725
4/23/2023	15:43:00	61.59	80.82	30.692	21	1	4	30.701	80.04	30.672	30.711
4/23/2023	15:44:00	61.17	82.5	30.681	22	1	3	30.681	81.77	30.666	30.696
4/23/2023	15:45:00	60.87	84.11	30.665	23	1	3	30.672	83.2	30.644	30.687
4/23/2023	15:46:00	60.2	85.6	30.646	24	1	4	30.661	84.8	30.646	30.675
4/23/2023	15:47:00	59.28	86.76	30.662	25	1	3	30.66	86.18	30.64	30.671
4/23/2023	15:48:00	60.28	87.82	33.301	26	1	4	31.002	87.31	30.643	33.301
4/23/2023	15:49:00	69.98	89.13	38.162	27	1	3	37.396	88.5	33.692	38.162
4/23/2023	15:50:00	69.28	90.52	37.95	28	1	3	38.261	89.72	37.95	38.332
4/23/2023	15:51:00	69.27	91.82	38.737	30	2	4	38.382	91.11	37.965	38.768
4/23/2023	15:52:00	69.28	93.05	38.66	31	1	3	38.634	92.41	38.503	38.754
4/23/2023	15:53:00	69.18	94.32	38.79	32	1	4	38.69	93.7	38.616	38.824
4/23/2023	15:54:00	69.03	95.48	38.556	33	1	3	38.822	94.96	38.556	39.05
4/23/2023	15:55:00	69.16	96.65	38.851	34	1	3	38.567	95.98	38.468	38.851
4/23/2023	15:56:00	68.83	97.87	39.845	35	1	4	39.372	97.22	38.871	39.845
4/23/2023	15:57:00	68.56	98.98	40.167	36	1	3	40.032	98.47	39.84	40.236
4/23/2023	15:58:00	68.5	99.9	40.061	38	2	3	40.316	99.39	40.061	40.836
4/23/2023	15:59:00	68.62	100.78	39.223	39	1	4	39.475	100.34	39.16	40.001
4/23/2023	16:00:00	68.16	101.48	41.031	40	1	3	40.325	101.17	39.218	41.045
4/23/2023	16:01:00	67.57	102.17	40.477	41	1	3	41.055	101.8	40.477	41.279
4/23/2023	16:02:00	68.12	102.81	41.586	42	1	3	40.51	102.44	40.306	41.586
4/23/2023	16:03:00	67.14	103.37	42.539	43	1	4	42.117	103.08	41.67	42.539
4/23/2023	16:04:00	66.48	103.96	44.016	45	2	3	43.499	103.73	42.548	44.016
4/23/2023	16:05:00	65.87	104.5	43.726	46	1	3	43.971	104.3	43.719	44.318
4/23/2023	16:06:00	65.89	104.74	43.637	47	1	3	43.844	104.67	43.637	44
4/23/2023	16:07:00	66.17	104.91	44.273	48	1	3	43.8	104.83	43.421	44.297
4/23/2023	16:08:00	66.08	105.23	43.116	49	1	3	43.727	105.1	43.116	44.505
4/23/2023	16:09:00	66.65	105.58	42.596	50	1	3	42.74	105.44	42.536	43.132
4/23/2023	16:10:00	66.29	105.92	44.135	51	1	3	43.67	105.78	42.611	44.291
4/23/2023	16:11:00	66.46	106.35	43.082	52	1	3	43.183	106.16	43.009	44.087
4/23/2023	16:12:00	65.95	106.89	44.696	53	1	3	43.966	106.65	43.099	44.696
4/23/2023	16:13:00	64.97	107.31	46.55	54	1	3	45.704	107.14	44.763	46.55
4/23/2023	16:14:00	64.23	107.59	47.339	55	1	2	46.739	107.44	46.564	47.339
4/23/2023	16:15:00	63.72	107.87	42.145	56	1	3	47.644	107.7	42.145	48.225
4/23/2023	16:16:00	63.72	107.36	0.018	56	0	0	3.693	107.7	-0.011	37.948
4/23/2023	16:17:00	0	106.42	0.004	56	0	0	0.013	106.89	0.004	0.02
4/23/2023	16:18:00	0	105.47	-0.042	56	0	0	-0.021	105.95	-0.042	0.004
4/23/2023	16:19:00	0	104.53	-0.07	56	0	0	-0.058	104.98	-0.07	-0.043
4/23/2023	16:20:00	0	103.72	-0.105	56	0	0	-0.086	104.11	-0.106	-0.07
4/23/2023	16:21:00	0	103.01	-0.147	56	0	0	-0.124	103.34	-0.147	-0.106
4/23/2023	16:22:00	0	102.23	-0.185	56	0	0	-0.17	102.62	-0.186	-0.148
4/23/2023	16:23:00	0	101.49	-0.218	56	0	0	-0.201	101.85	-0.218	-0.187
4/23/2023	16:24:00	0	100.79	-0.258	56	0	0	-0.237	101.14	-0.258	-0.218
4/23/2023	16:25:00	0	100.09	-0.283	56	0	0	-0.271	100.43	-0.284	-0.258
4/23/2023	16:26:00	0	99.4	-0.319	56	0	0	-0.303	99.74	-0.319	-0.284
4/23/2023	16:27:00	0	98.7	-0.352	56	0	0	-0.337	99.04	-0.352	-0.32
4/23/2023	16:28:00	0	98.04	-0.383	56	0	0	-0.367	98.36	-0.383	-0.353
4/23/2023	16:29:00	0	97.43	-0.405	56	0	0	-0.394	97.72	-0.405	-0.383
4/23/2023	16:30:00	0	96.86	-0.432	56	0	0	-0.418	97.14	-0.432	-0.405
4/23/2023	16:31:00	0	96.25	-0.467	56	0	0	-0.449	96.56	-0.467	-0.433
4/23/2023	16:32:00	0	95.56	-0.493	56	0	0	-0.48	95.9	-0.493	-0.468

4/23/2023	16:33:00	0	94.89	-0.517	56	0	0	-0.504	95.21	-0.517	-0.492
4/23/2023	16:34:00	0	94.22	-0.54	56	0	0	-0.529	94.55	-0.54	-0.518
4/23/2023	16:35:00	0	93.57	-0.564	56	0	0	-0.553	93.89	-0.564	-0.54
4/23/2023	16:36:00	0	92.93	-0.581	56	0	0	-0.574	93.24	-0.582	-0.564
4/23/2023	16:37:00	0	92.32	-0.601	56	0	0	-0.594	92.62	-0.602	-0.583