

Reese Mesa #8
API # 30-045-25992

Pressure Test Report

COMPANY INFORMATION

Company Name	ConocoPhillips
Representative	Priscilla Shorty
Phone	
Fax	
Address	

E-Mail Address	
Service Company	Expert Downhole Services, Inc.

WELL INFORMATION

Well Name	Reese Mesa #8
Well Location	T32N, R8W, Sec. 12
Field and Pool	Basin Fruitland Coal
Status (Oil, Gas, Water, Injection)	Observation
Perforated Intervals	
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	7040
Plug Back Total Depth	4050
Total Depth	4050
Production Casing	
Production Tubing	2 7/8 Slimhole

OIL CONS. DIV DIST. 3
MAY 23 2017

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/19/17
Dead-weight Gauge Tubing Pressure	440
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	
Date / Time on Bottom	5/19/17 @ 0729
Date / Time off Bottom	5/19/17 @ 0829
Probe Serial Number	W1035
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3684

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	464.3 psig
Maximum Recorded Probe Temperature	121.8 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

AV

NIMCO TA expires
5-31-18

Company Name ConocoPhillips
Well Name Reese Mesa #8
Type of Test POOH Static Gradient
Date(s) of Test 5/19/17



PROBE INFORMATION

Probe Serial Number W1035
Model
Pressure
 Calibrated Pressure Range
 Accuracy
 Resolution
Temperature
 Calibrated Temperature Range
 Accuracy
 Resolution
Calibration File Used for Reports

PROGRAMMING DETAILS

<u>Step</u>	<u>Sample Mode</u>	<u>Period</u>	<u>Duration</u>	<u>Comment</u>
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Program Start Time
Program End Time
Total Samples Taken
Usage for this Test
Generic Data File Name

Company Name	ConocoPhillips
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COMMENTS

Reported By

Expert Downhole Services, Inc.

RIH with 1.50 Impression Block and tagged fill @3690 WLM. RIH with BHP gauge to 3684 for 1 hour, then POOH making 5 minute stops per request.

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Pressure vs. Depth

Probe Serial Number W1035

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		3684.000	462.773	-	106.948	-
0729	0829	3684.000	464.238	-	121.777	-
0830	0835	3500.000	462.529	0.0093	121.595	0.0010
0836	0841	3000.000	457.596	0.0099	117.363	0.0085
0842	0847	2500.000	452.708	0.0098	108.599	0.0175
0848	0853	2000.000	447.776	0.0099	97.457	0.0223
0854	0859	1500.000	442.750	0.0101	88.257	0.0184
0859	0904	1000.000	437.533	0.0104	78.699	0.0191
0905	0910	500.000	432.357	0.0104	69.919	0.0176
0911	0916	0.000	427.048	0.0106	60.829	0.0182

Extrapolated to MPP:

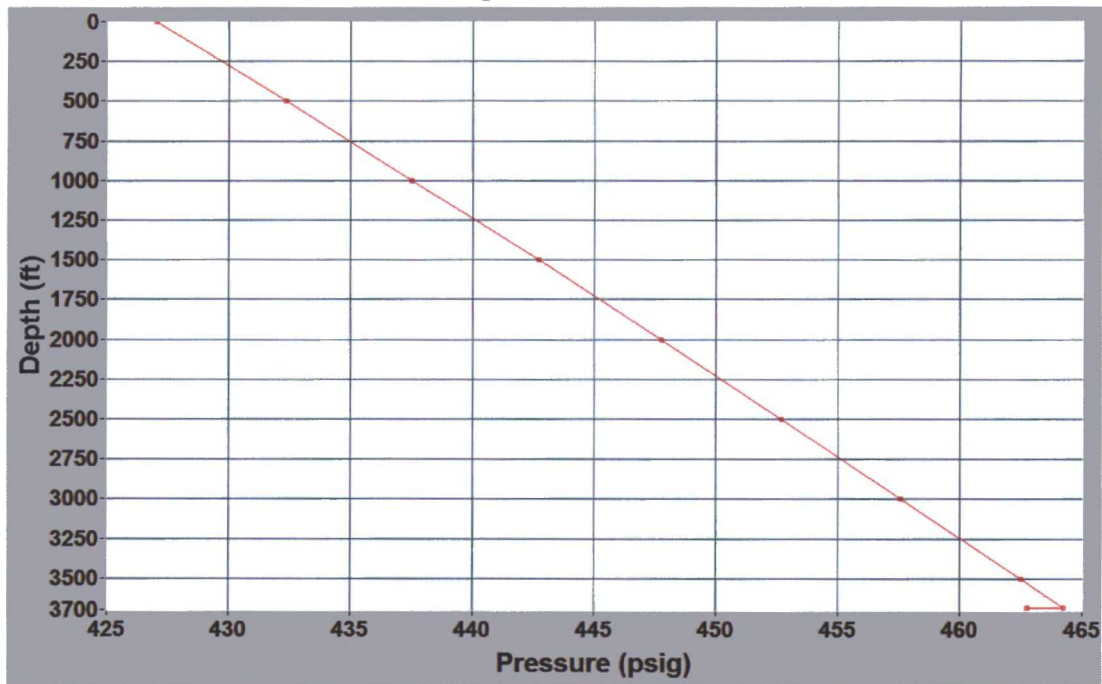
(ft)	(psig)	(deg F)
0.000		

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Probe Serial Number W1035

W1035 Depth vs. Pressure



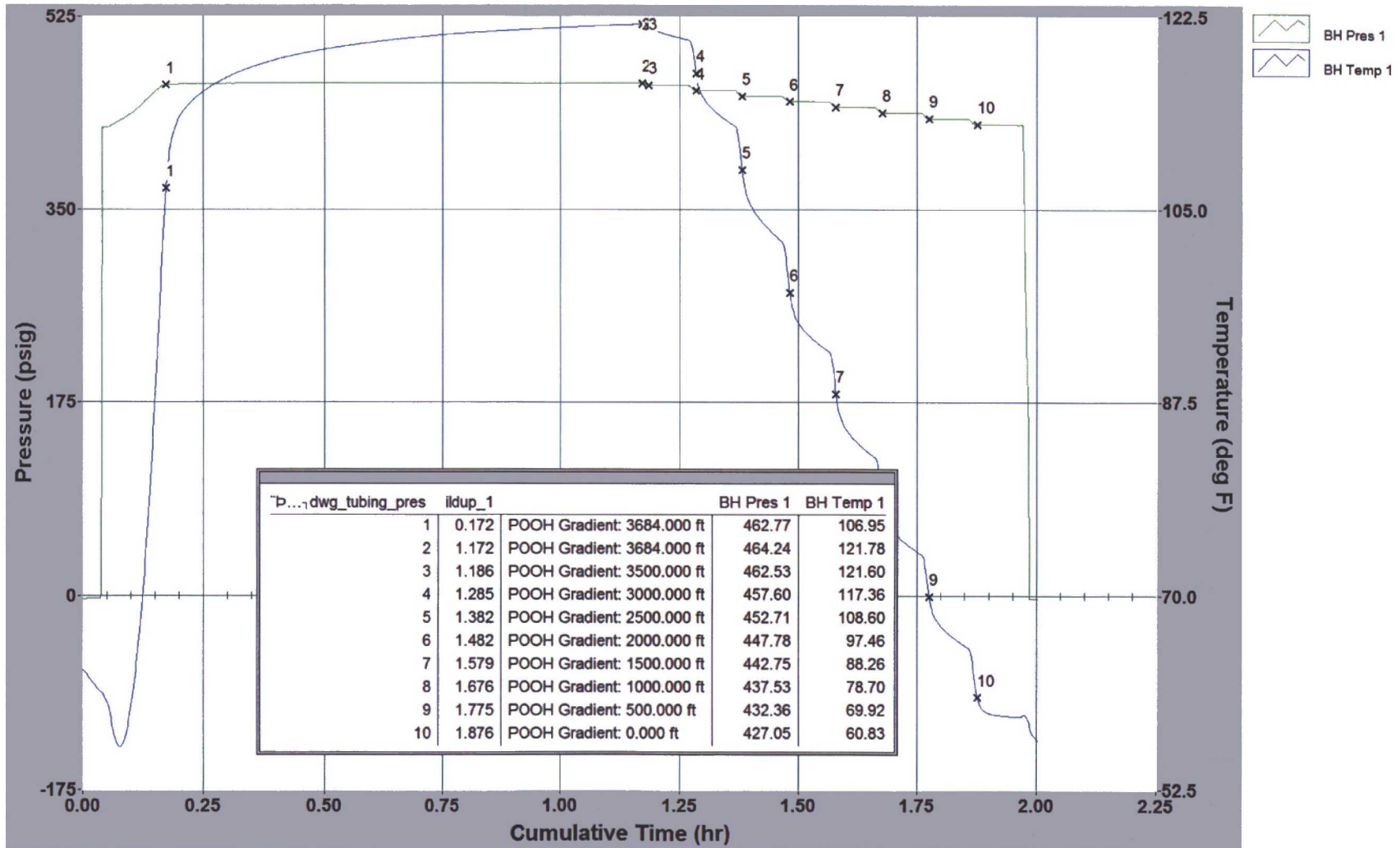
W1035 Depth vs. Temperature



Company Name ConocoPhillips
 Well Name Reese Mesa #8
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Reese Mesa #8



Company Name ConocoPhillips
Well Name Reese Mesa #8
Type of Test POOH Static Gradient
Date(s) of Test 5/19/17



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/19	07:19:20	0.0000	-3.440	63.288
2017/05/19	07:19:50	0.0083	-3.073	62.848
2017/05/19	07:20:20	0.0167	-2.911	62.328
2017/05/19	07:20:50	0.0250	-2.823	61.878
2017/05/19	07:21:20	0.0333	-2.780	61.461
2017/05/19	07:21:50	0.0417	424.548	61.099
2017/05/19	07:22:20	0.0500	424.399	60.400
2017/05/19	07:22:50	0.0583	425.797	58.984
2017/05/19	07:23:20	0.0667	427.805	57.216
2017/05/19	07:23:50	0.0750	429.790	56.374
2017/05/19	07:24:20	0.0833	431.915	56.635
2017/05/19	07:24:50	0.0917	434.228	57.931
2017/05/19	07:25:20	0.1000	436.496	60.042
2017/05/19	07:25:50	0.1083	439.313	62.757
2017/05/19	07:26:20	0.1167	442.401	66.216
2017/05/19	07:26:50	0.1250	445.948	70.488
2017/05/19	07:27:20	0.1333	449.579	75.684
2017/05/19	07:27:50	0.1417	453.210	81.525
2017/05/19	07:28:20	0.1500	456.529	88.333
2017/05/19	07:28:50	0.1583	459.752	95.634
2017/05/19	07:29:20	0.1667	462.102	102.785
POOH Gradient: 3684.000 ft				
2017/05/19	07:29:40	0.1722	462.773	106.948
2017/05/19	07:29:50	0.1750	462.688	108.507
2017/05/19	07:30:20	0.1833	462.918	111.160
2017/05/19	07:30:50	0.1917	463.178	112.501
2017/05/19	07:31:20	0.2000	463.378	113.333
2017/05/19	07:31:50	0.2083	463.491	113.925
2017/05/19	07:32:20	0.2167	463.581	114.364
2017/05/19	07:32:50	0.2250	463.688	114.742
2017/05/19	07:33:20	0.2333	463.732	115.081
2017/05/19	07:33:50	0.2417	463.823	115.381
2017/05/19	07:34:20	0.2500	463.836	115.653
2017/05/19	07:34:50	0.2583	463.863	115.905
2017/05/19	07:35:20	0.2667	463.884	116.152
2017/05/19	07:35:50	0.2750	463.946	116.373
2017/05/19	07:36:20	0.2833	463.936	116.584
2017/05/19	07:36:50	0.2917	463.987	116.771
2017/05/19	07:37:20	0.3000	464.005	116.956
2017/05/19	07:37:50	0.3083	463.967	117.135
2017/05/19	07:38:20	0.3167	464.010	117.306
2017/05/19	07:38:50	0.3250	464.029	117.457
2017/05/19	07:39:20	0.3333	464.066	117.604
2017/05/19	07:39:50	0.3417	464.053	117.739
2017/05/19	07:40:20	0.3500	464.033	117.876
2017/05/19	07:40:50	0.3583	464.070	117.999
2017/05/19	07:41:20	0.3667	464.094	118.112
2017/05/19	07:41:50	0.3750	464.122	118.234
2017/05/19	07:42:20	0.3833	464.080	118.335
2017/05/19	07:42:50	0.3917	464.105	118.445
2017/05/19	07:43:20	0.4000	464.116	118.548
2017/05/19	07:43:50	0.4083	464.143	118.650
2017/05/19	07:44:20	0.4167	464.140	118.742
2017/05/19	07:44:50	0.4250	464.147	118.827

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/19	07:45:20	0.4333	464.129	118.909
2017/05/19	07:45:50	0.4417	464.145	118.994
2017/05/19	07:46:20	0.4500	464.158	119.070
2017/05/19	07:46:50	0.4583	464.174	119.143
2017/05/19	07:47:20	0.4667	464.182	119.223
2017/05/19	07:47:50	0.4750	464.197	119.295
2017/05/19	07:48:20	0.4833	464.202	119.358
2017/05/19	07:48:50	0.4917	464.213	119.428
2017/05/19	07:49:20	0.5000	464.224	119.489
2017/05/19	07:49:50	0.5083	464.174	119.545
2017/05/19	07:50:20	0.5167	464.199	119.611
2017/05/19	07:50:50	0.5250	464.200	119.664
2017/05/19	07:51:20	0.5333	464.190	119.719
2017/05/19	07:51:50	0.5417	464.198	119.772
2017/05/19	07:52:20	0.5500	464.205	119.824
2017/05/19	07:52:50	0.5583	464.203	119.883
2017/05/19	07:53:20	0.5667	464.211	119.930
2017/05/19	07:53:50	0.5750	464.221	119.980
2017/05/19	07:54:20	0.5833	464.221	120.029
2017/05/19	07:54:50	0.5917	464.223	120.076
2017/05/19	07:55:20	0.6000	464.225	120.123
2017/05/19	07:55:50	0.6083	464.229	120.173
2017/05/19	07:56:20	0.6167	464.230	120.218
2017/05/19	07:56:50	0.6250	464.235	120.256
2017/05/19	07:57:20	0.6333	464.217	120.304
2017/05/19	07:57:50	0.6417	464.224	120.348
2017/05/19	07:58:20	0.6500	464.226	120.396
2017/05/19	07:58:50	0.6583	464.226	120.429
2017/05/19	07:59:20	0.6667	464.223	120.468
2017/05/19	07:59:50	0.6750	464.223	120.502
2017/05/19	08:00:20	0.6833	464.220	120.535
2017/05/19	08:00:50	0.6917	464.224	120.569
2017/05/19	08:01:20	0.7000	464.220	120.609
2017/05/19	08:01:50	0.7083	464.229	120.646
2017/05/19	08:02:20	0.7167	464.219	120.672
2017/05/19	08:02:50	0.7250	464.227	120.708
2017/05/19	08:03:20	0.7333	464.243	120.742
2017/05/19	08:03:50	0.7417	464.249	120.783
2017/05/19	08:04:20	0.7500	464.244	120.812
2017/05/19	08:04:50	0.7583	464.240	120.841
2017/05/19	08:05:20	0.7667	464.227	120.871
2017/05/19	08:05:50	0.7750	464.234	120.898
2017/05/19	08:06:20	0.7833	464.250	120.933
2017/05/19	08:06:50	0.7917	464.242	120.954
2017/05/19	08:07:20	0.8000	464.244	120.983
2017/05/19	08:07:50	0.8083	464.242	121.008
2017/05/19	08:08:20	0.8167	464.237	121.030
2017/05/19	08:08:50	0.8250	464.233	121.051
2017/05/19	08:09:20	0.8333	464.236	121.077
2017/05/19	08:09:50	0.8417	464.246	121.095
2017/05/19	08:10:20	0.8500	464.241	121.122
2017/05/19	08:10:50	0.8583	464.240	121.143
2017/05/19	08:11:20	0.8667	464.245	121.167
2017/05/19	08:11:50	0.8750	464.240	121.192

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Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/19	08:12:20	0.8833	464.250	121.212
2017/05/19	08:12:50	0.8917	464.253	121.237
2017/05/19	08:13:20	0.9000	464.250	121.262
2017/05/19	08:13:50	0.9083	464.254	121.280
2017/05/19	08:14:20	0.9167	464.249	121.300
2017/05/19	08:14:50	0.9250	464.248	121.320
2017/05/19	08:15:20	0.9333	464.249	121.339
2017/05/19	08:15:50	0.9417	464.244	121.366
2017/05/19	08:16:20	0.9500	464.242	121.379
2017/05/19	08:16:50	0.9583	464.246	121.399
2017/05/19	08:17:20	0.9667	464.240	121.424
2017/05/19	08:17:50	0.9750	464.239	121.437
2017/05/19	08:18:20	0.9833	464.254	121.451
2017/05/19	08:18:50	0.9917	464.255	121.473
2017/05/19	08:19:20	1.0000	464.254	121.492
2017/05/19	08:19:50	1.0083	464.258	121.503
2017/05/19	08:20:20	1.0167	464.256	121.521
2017/05/19	08:20:50	1.0250	464.255	121.536
2017/05/19	08:21:20	1.0333	464.248	121.550
2017/05/19	08:21:50	1.0417	464.258	121.568
2017/05/19	08:22:20	1.0500	464.255	121.586
2017/05/19	08:22:50	1.0583	464.253	121.597
2017/05/19	08:23:20	1.0667	464.262	121.613
2017/05/19	08:23:50	1.0750	464.254	121.624
2017/05/19	08:24:20	1.0833	464.255	121.635
2017/05/19	08:24:50	1.0917	464.256	121.653
2017/05/19	08:25:20	1.1000	464.256	121.671
2017/05/19	08:25:50	1.1083	464.246	121.683
2017/05/19	08:26:20	1.1167	464.242	121.698
2017/05/19	08:26:50	1.1250	464.241	121.712
2017/05/19	08:27:20	1.1333	464.240	121.725
2017/05/19	08:27:50	1.1417	464.244	121.744
2017/05/19	08:28:20	1.1500	464.235	121.746
2017/05/19	08:28:50	1.1583	464.233	121.755
2017/05/19	08:29:20	1.1667	464.242	121.779
POOH Gradient: 3684.000 ft				
2017/05/19	08:29:40	1.1722	464.238	121.777
2017/05/19	08:29:50	1.1750	463.948	121.780
2017/05/19	08:30:20	1.1833	462.671	121.721
POOH Gradient: 3500.000 ft				
2017/05/19	08:30:30	1.1861	462.529	121.595
2017/05/19	08:30:50	1.1917	462.443	121.374
2017/05/19	08:31:20	1.2000	462.416	121.194
2017/05/19	08:31:50	1.2083	462.409	121.066
2017/05/19	08:32:20	1.2167	462.405	120.949
2017/05/19	08:32:50	1.2250	462.409	120.846
2017/05/19	08:33:20	1.2333	462.393	120.744
2017/05/19	08:33:50	1.2417	462.393	120.654
2017/05/19	08:34:20	1.2500	462.386	120.562
2017/05/19	08:34:50	1.2583	462.395	120.470
2017/05/19	08:35:20	1.2667	462.385	120.387
2017/05/19	08:35:50	1.2750	460.341	120.049
2017/05/19	08:36:20	1.2833	457.727	117.820
POOH Gradient: 3000.000 ft				

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/19	08:36:25	1.2847	457.596	117.363
2017/05/19	08:36:50	1.2917	457.676	115.929
2017/05/19	08:37:20	1.3000	457.647	115.147
2017/05/19	08:37:50	1.3083	457.575	114.633
2017/05/19	08:38:20	1.3167	457.561	114.228
2017/05/19	08:38:50	1.3250	457.546	113.887
2017/05/19	08:39:20	1.3333	457.540	113.578
2017/05/19	08:39:50	1.3417	457.527	113.310
2017/05/19	08:40:20	1.3500	457.543	113.054
2017/05/19	08:40:50	1.3583	457.504	112.804
2017/05/19	08:41:20	1.3667	457.495	112.572
2017/05/19	08:41:50	1.3750	454.581	111.420
POOH Gradient: 2500.000 ft				
2017/05/19	08:42:15	1.3819	452.708	108.599
2017/05/19	08:42:20	1.3833	452.780	108.055
2017/05/19	08:42:50	1.3917	452.833	106.302
2017/05/19	08:43:20	1.4000	452.773	105.415
2017/05/19	08:43:50	1.4083	452.718	104.788
2017/05/19	08:44:20	1.4167	452.666	104.270
2017/05/19	08:44:50	1.4250	452.673	103.833
2017/05/19	08:45:20	1.4333	452.657	103.426
2017/05/19	08:45:50	1.4417	452.622	103.048
2017/05/19	08:46:20	1.4500	452.655	102.702
2017/05/19	08:46:50	1.4583	452.604	102.364
2017/05/19	08:47:20	1.4667	452.233	102.043
2017/05/19	08:47:50	1.4750	449.438	100.137
POOH Gradient: 2000.000 ft				
2017/05/19	08:48:15	1.4819	447.776	97.457
2017/05/19	08:48:20	1.4833	447.859	96.985
2017/05/19	08:48:50	1.4917	447.858	95.473
2017/05/19	08:49:20	1.5000	447.821	94.725
2017/05/19	08:49:50	1.5083	447.776	94.203
2017/05/19	08:50:20	1.5167	447.729	93.785
2017/05/19	08:50:50	1.5250	447.671	93.438
2017/05/19	08:51:20	1.5333	447.701	93.114
2017/05/19	08:51:50	1.5417	447.672	92.824
2017/05/19	08:52:20	1.5500	447.644	92.538
2017/05/19	08:52:50	1.5583	447.677	92.280
2017/05/19	08:53:20	1.5667	447.077	92.017
2017/05/19	08:53:50	1.5750	443.648	89.940
POOH Gradient: 1500.000 ft				
2017/05/19	08:54:05	1.5792	442.750	88.257
2017/05/19	08:54:20	1.5833	442.854	86.972
2017/05/19	08:54:50	1.5917	442.785	85.786
2017/05/19	08:55:20	1.6000	442.706	85.100
2017/05/19	08:55:50	1.6083	442.670	84.592
2017/05/19	08:56:20	1.6167	442.656	84.171
2017/05/19	08:56:50	1.6250	442.635	83.815
2017/05/19	08:57:20	1.6333	442.601	83.478
2017/05/19	08:57:50	1.6417	442.610	83.181
2017/05/19	08:58:20	1.6500	442.602	82.881
2017/05/19	08:58:50	1.6583	442.615	82.605
2017/05/19	08:59:20	1.6667	440.712	82.045
2017/05/19	08:59:50	1.6750	437.586	79.221

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 Type of Test POOH Static Gradient
 Date(s) of Test 5/19/17



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
POOH Gradient: 1000.000 ft				
2017/05/19	08:59:55	1.6764	437.533	78.699
2017/05/19	09:00:20	1.6833	437.676	77.211
2017/05/19	09:00:50	1.6917	437.581	76.392
2017/05/19	09:01:20	1.7000	437.583	75.852
2017/05/19	09:01:50	1.7083	437.575	75.438
2017/05/19	09:02:20	1.7167	437.499	75.092
2017/05/19	09:02:50	1.7250	437.519	74.782
2017/05/19	09:03:20	1.7333	437.491	74.503
2017/05/19	09:03:50	1.7417	437.455	74.233
2017/05/19	09:04:20	1.7500	437.477	73.985
2017/05/19	09:04:50	1.7583	437.456	73.744
2017/05/19	09:05:20	1.7667	434.550	72.669
POOH Gradient: 500.000 ft				
2017/05/19	09:05:50	1.7750	432.357	69.919
2017/05/19	09:06:20	1.7833	432.422	68.409
2017/05/19	09:06:50	1.7917	432.326	67.705
2017/05/19	09:07:20	1.8000	432.294	67.237
2017/05/19	09:07:50	1.8083	432.260	66.853
2017/05/19	09:08:20	1.8167	432.253	66.528
2017/05/19	09:08:50	1.8250	432.239	66.240
2017/05/19	09:09:20	1.8333	432.220	65.975
2017/05/19	09:09:50	1.8417	432.242	65.728
2017/05/19	09:10:20	1.8500	432.186	65.493
2017/05/19	09:10:50	1.8583	431.952	65.259
2017/05/19	09:11:20	1.8667	428.495	63.644
2017/05/19	09:11:50	1.8750	427.085	61.138
POOH Gradient: 0.000 ft				
2017/05/19	09:11:55	1.8764	427.048	60.829
2017/05/19	09:12:20	1.8833	427.013	59.977
2017/05/19	09:12:50	1.8917	426.996	59.583
2017/05/19	09:13:20	1.9000	426.956	59.400
2017/05/19	09:13:50	1.9083	426.956	59.290
2017/05/19	09:14:20	1.9167	426.937	59.230
2017/05/19	09:14:50	1.9250	426.924	59.187
2017/05/19	09:15:20	1.9333	426.916	59.151
2017/05/19	09:15:50	1.9417	426.913	59.124
2017/05/19	09:16:20	1.9500	426.892	59.095
2017/05/19	09:16:50	1.9583	426.890	59.079
2017/05/19	09:17:20	1.9667	426.824	59.103
2017/05/19	09:17:50	1.9750	331.700	59.234
2017/05/19	09:18:20	1.9833	146.863	58.672
2017/05/19	09:18:50	1.9917	-2.691	57.506
2017/05/19	09:19:20	2.0000	-2.675	57.020