

OIL CONS. DIV DIST. 3

MAY 14 2015

Pressure Test Report

COMPANY INFORMATION

Company Name	CONOCOPHILLIPS
Representative	PRISCILLA SHORTY
Phone	
Fax	
Address	

E-Mail Address	
Service Company	PHOENIX SERVICES

WELL INFORMATION

Well Name	SAN JUAN 30-6 UNIT 402
Well Location	T30N, R7W, SEC. 15
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	3031-3135
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	6250
Plug Back Total Depth	3155
Total Depth	3160
Production Casing	5 1/2 TO 3156
Production Tubing	2 3/8 TO 1045

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/9/15
Dead-weight Gauge Tubing Pressure	40
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/9/15 @ 0907 HRS
Date / Time off Bottom	5/9/15 @ 1007 HRS
Probe Serial Number	W1039
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3083

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	49.5 psig
Maximum Recorded Probe Temperature	104.9 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	34997WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 30-6 UNIT 402
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/9/15

PROBE INFORMATION

Probe Serial Number	W1039
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
Well Name	SAN JUAN 30-6 UNIT 402
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/9/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 GR TO 3090'-SET DOWN-RAN TANDEM BHP GAUGES TO 3085'-SET 1 HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
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Pressure vs. Depth

Probe Serial Number W1039

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
0907	1007	3083.000	48.657	-	104.916	-
1007	1012	3000.000	39.217	0.1137	104.578	0.0041
1012	1017	2500.000	38.638	0.0012	102.090	0.0050
1017	1022	2000.000	38.146	0.0010	97.309	0.0096
1022	1027	1500.000	37.677	0.0009	91.976	0.0107
1027	1032	1000.000	37.207	0.0009	86.338	0.0113
1032	1037	500.000	36.785	0.0008	79.516	0.0136
1037	1042	0.000	36.441	0.0007	73.629	0.0118

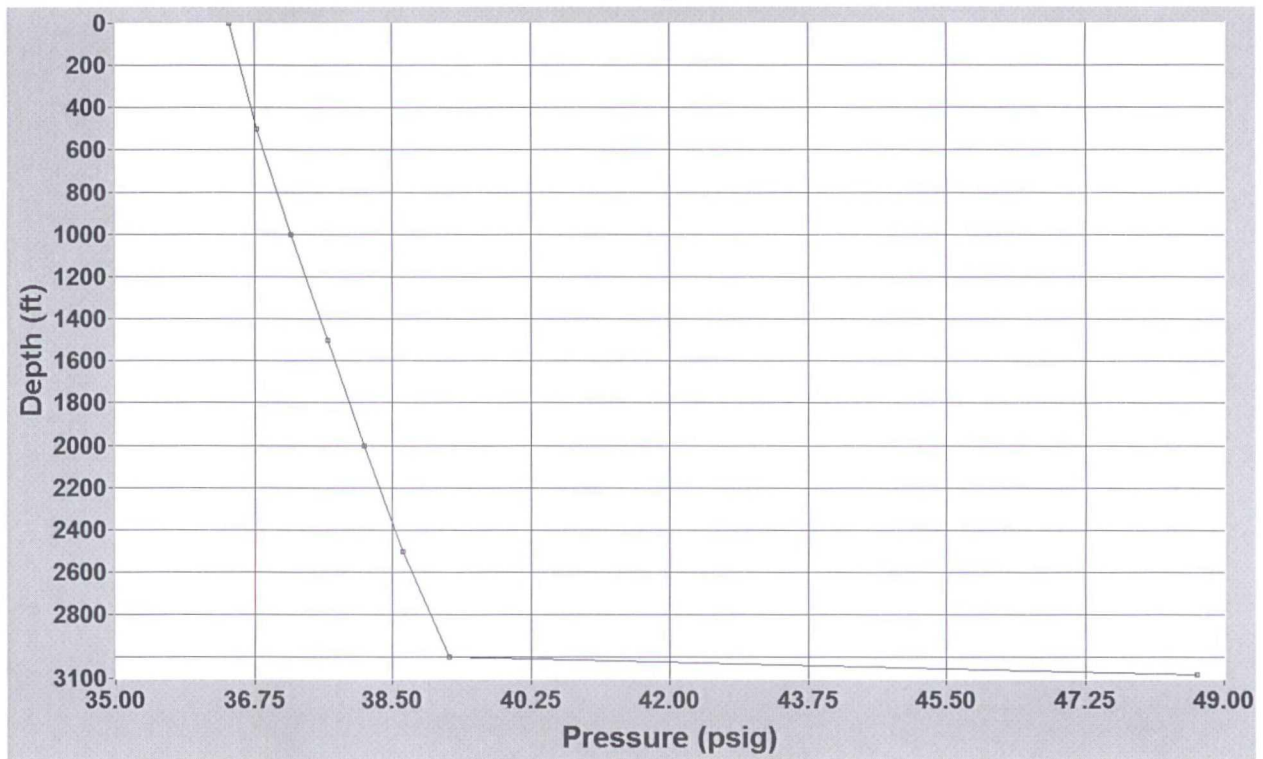
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

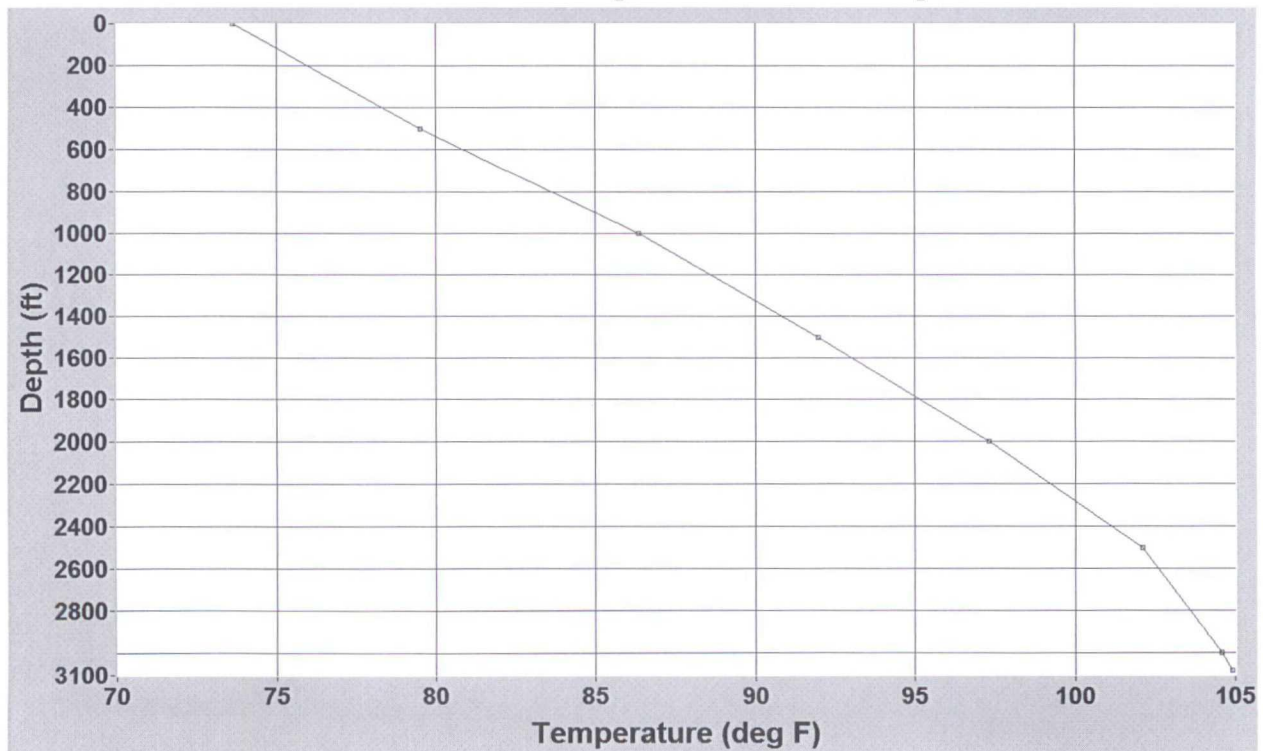
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT 402
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/9/15

Probe Serial Number W1039

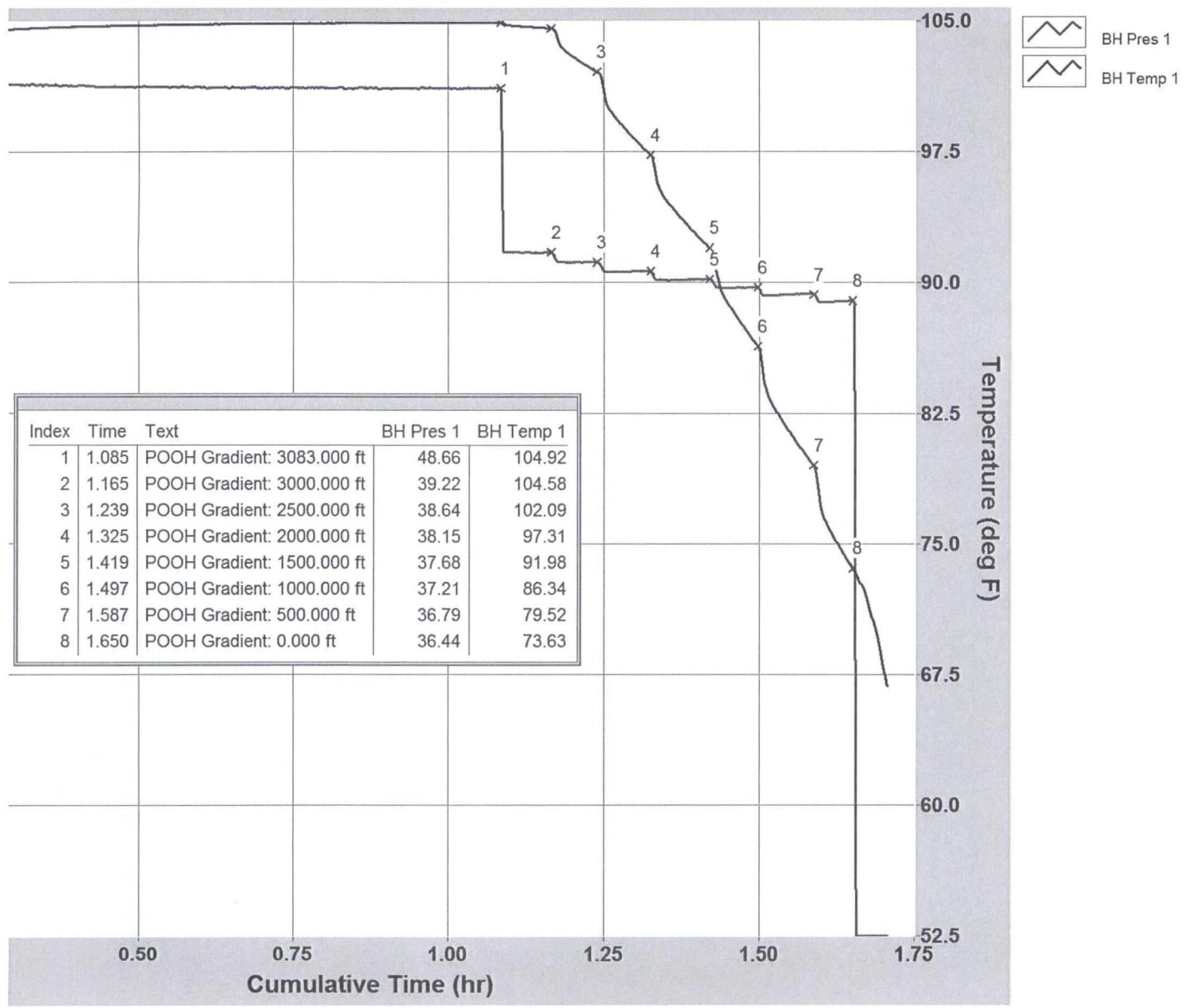
POOH Gradient Depth vs. Pressure



POOH Gradient Depth vs. Temperature



San Juan 30-6 Unit #402



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT 402
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/9/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/09	09:02:05	0.0000	0.000	55.173
2015/05/09	09:02:35	0.0083	0.000	54.606
2015/05/09	09:03:05	0.0167	0.000	54.118
2015/05/09	09:03:35	0.0250	0.000	53.641
2015/05/09	09:04:05	0.0333	0.000	53.451
2015/05/09	09:04:35	0.0417	37.077	53.348
2015/05/09	09:05:05	0.0500	37.097	53.197
2015/05/09	09:05:35	0.0583	37.226	53.137
2015/05/09	09:06:05	0.0667	37.497	53.368
2015/05/09	09:06:35	0.0750	37.919	53.913
2015/05/09	09:07:05	0.0833	38.326	55.204
2015/05/09	09:07:35	0.0917	38.641	56.869
2015/05/09	09:08:05	0.1000	38.944	59.095
2015/05/09	09:08:35	0.1083	39.370	62.262
2015/05/09	09:09:05	0.1167	39.817	66.560
2015/05/09	09:09:35	0.1250	48.863	72.561
2015/05/09	09:10:05	0.1333	49.296	92.341
2015/05/09	09:10:35	0.1417	49.497	99.912
2015/05/09	09:11:05	0.1500	49.382	102.313
2015/05/09	09:11:35	0.1583	49.261	103.201
2015/05/09	09:12:05	0.1667	49.200	103.626
2015/05/09	09:12:35	0.1750	49.184	103.843
2015/05/09	09:13:05	0.1833	49.087	103.993
2015/05/09	09:13:35	0.1917	49.089	104.095
2015/05/09	09:14:05	0.2000	48.994	104.178
2015/05/09	09:14:35	0.2083	49.041	104.234
2015/05/09	09:15:05	0.2167	48.995	104.288
2015/05/09	09:15:35	0.2250	48.961	104.324
2015/05/09	09:16:05	0.2333	48.967	104.362
2015/05/09	09:16:35	0.2417	48.985	104.403
2015/05/09	09:17:05	0.2500	49.000	104.430
2015/05/09	09:17:35	0.2583	48.921	104.457
2015/05/09	09:18:05	0.2667	48.899	104.479
2015/05/09	09:18:35	0.2750	48.963	104.508
2015/05/09	09:19:05	0.2833	48.930	104.524
2015/05/09	09:19:35	0.2917	48.898	104.540
2015/05/09	09:20:05	0.3000	48.894	104.560
2015/05/09	09:20:35	0.3083	48.874	104.574
2015/05/09	09:21:05	0.3167	48.860	104.596
2015/05/09	09:21:35	0.3250	48.875	104.603
2015/05/09	09:22:05	0.3333	48.875	104.614
2015/05/09	09:22:35	0.3417	48.837	104.625
2015/05/09	09:23:05	0.3500	48.894	104.644
2015/05/09	09:23:35	0.3583	48.846	104.653
2015/05/09	09:24:05	0.3667	48.824	104.666
2015/05/09	09:24:35	0.3750	48.810	104.679
2015/05/09	09:25:05	0.3833	48.830	104.691
2015/05/09	09:25:35	0.3917	48.825	104.693
2015/05/09	09:26:05	0.4000	48.800	104.707
2015/05/09	09:26:35	0.4083	48.837	104.713

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/09	09:27:05	0.4167	48.815	104.715
2015/05/09	09:27:35	0.4250	48.780	104.729
2015/05/09	09:28:05	0.4333	48.735	104.729
2015/05/09	09:28:35	0.4417	48.724	104.733
2015/05/09	09:29:05	0.4500	48.753	104.745
2015/05/09	09:29:35	0.4583	48.766	104.749
2015/05/09	09:30:05	0.4667	48.744	104.754
2015/05/09	09:30:35	0.4750	48.733	104.758
2015/05/09	09:31:05	0.4833	48.752	104.761
2015/05/09	09:31:35	0.4917	48.743	104.770
2015/05/09	09:32:05	0.5000	48.724	104.781
2015/05/09	09:32:35	0.5083	48.801	104.781
2015/05/09	09:33:05	0.5167	48.729	104.781
2015/05/09	09:33:35	0.5250	48.739	104.787
2015/05/09	09:34:05	0.5333	48.752	104.796
2015/05/09	09:34:35	0.5417	48.731	104.799
2015/05/09	09:35:05	0.5500	48.701	104.803
2015/05/09	09:35:35	0.5583	48.749	104.806
2015/05/09	09:36:05	0.5667	48.725	104.808
2015/05/09	09:36:35	0.5750	48.730	104.812
2015/05/09	09:37:05	0.5833	48.717	104.815
2015/05/09	09:37:35	0.5917	48.724	104.821
2015/05/09	09:38:05	0.6000	48.737	104.826
2015/05/09	09:38:35	0.6083	48.697	104.826
2015/05/09	09:39:05	0.6167	48.678	104.837
2015/05/09	09:39:35	0.6250	48.683	104.839
2015/05/09	09:40:05	0.6333	48.723	104.837
2015/05/09	09:40:35	0.6417	48.712	104.842
2015/05/09	09:41:05	0.6500	48.694	104.842
2015/05/09	09:41:35	0.6583	48.688	104.848
2015/05/09	09:42:05	0.6667	48.667	104.848
2015/05/09	09:42:35	0.6750	48.685	104.850
2015/05/09	09:43:05	0.6833	48.741	104.848
2015/05/09	09:43:35	0.6917	48.685	104.851
2015/05/09	09:44:05	0.7000	48.669	104.853
2015/05/09	09:44:35	0.7083	48.674	104.860
2015/05/09	09:45:05	0.7167	48.663	104.860
2015/05/09	09:45:35	0.7250	48.698	104.855
2015/05/09	09:46:05	0.7333	48.682	104.864
2015/05/09	09:46:35	0.7417	48.615	104.866
2015/05/09	09:47:05	0.7500	48.714	104.860
2015/05/09	09:47:35	0.7583	48.671	104.864
2015/05/09	09:48:05	0.7667	48.689	104.875
2015/05/09	09:48:35	0.7750	48.678	104.875
2015/05/09	09:49:05	0.7833	48.665	104.877
2015/05/09	09:49:35	0.7917	48.671	104.869
2015/05/09	09:50:05	0.8000	48.675	104.880
2015/05/09	09:50:35	0.8083	48.646	104.886
2015/05/09	09:51:05	0.8167	48.662	104.880
2015/05/09	09:51:35	0.8250	48.678	104.880

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Date(s) of Test 5/9/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/09	09:52:05	0.8333	48.585	104.886
2015/05/09	09:52:35	0.8417	48.630	104.884
2015/05/09	09:53:05	0.8500	48.664	104.887
2015/05/09	09:53:35	0.8583	48.694	104.886
2015/05/09	09:54:05	0.8667	48.691	104.891
2015/05/09	09:54:35	0.8750	48.680	104.895
2015/05/09	09:55:05	0.8833	48.691	104.889
2015/05/09	09:55:35	0.8917	48.621	104.898
2015/05/09	09:56:05	0.9000	48.645	104.898
2015/05/09	09:56:35	0.9083	48.622	104.895
2015/05/09	09:57:05	0.9167	48.653	104.895
2015/05/09	09:57:35	0.9250	48.653	104.893
2015/05/09	09:58:05	0.9333	48.640	104.898
2015/05/09	09:58:35	0.9417	48.643	104.898
2015/05/09	09:59:05	0.9500	48.645	104.900
2015/05/09	09:59:35	0.9583	48.664	104.900
2015/05/09	10:00:05	0.9667	48.647	104.909
2015/05/09	10:00:35	0.9750	48.669	104.904
2015/05/09	10:01:05	0.9833	48.663	104.905
2015/05/09	10:01:35	0.9917	48.650	104.907
2015/05/09	10:02:05	1.0000	48.676	104.911
2015/05/09	10:02:35	1.0083	48.631	104.909
2015/05/09	10:03:05	1.0167	48.613	104.913
2015/05/09	10:03:35	1.0250	48.626	104.911
2015/05/09	10:04:05	1.0333	48.676	104.909
2015/05/09	10:04:35	1.0417	48.653	104.904
2015/05/09	10:05:05	1.0500	48.639	104.918
2015/05/09	10:05:35	1.0583	48.652	104.914
2015/05/09	10:06:05	1.0667	48.663	104.909
2015/05/09	10:06:35	1.0750	48.671	104.909
2015/05/09	10:07:05	1.0833	48.650	104.914
POOH Gradient: 3083.000 ft				
2015/05/09	10:07:10	1.0847	48.657	104.916
2015/05/09	10:07:35	1.0917	39.231	104.828
2015/05/09	10:08:05	1.1000	39.221	104.747
2015/05/09	10:08:35	1.1083	39.210	104.724
2015/05/09	10:09:05	1.1167	39.190	104.700
2015/05/09	10:09:35	1.1250	39.224	104.679
2015/05/09	10:10:05	1.1333	39.193	104.653
2015/05/09	10:10:35	1.1417	39.200	104.635
2015/05/09	10:11:05	1.1500	39.191	104.610
2015/05/09	10:11:35	1.1583	39.190	104.592
POOH Gradient: 3000.000 ft				
2015/05/09	10:12:00	1.1653	39.217	104.578
2015/05/09	10:12:05	1.1667	39.178	104.576
2015/05/09	10:12:35	1.1750	38.712	104.128
2015/05/09	10:13:05	1.1833	38.654	103.446
2015/05/09	10:13:35	1.1917	38.639	103.192
2015/05/09	10:14:05	1.2000	38.623	102.979
2015/05/09	10:14:35	1.2083	38.655	102.771

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/09	10:15:05	1.2167	38.633	102.571
2015/05/09	10:15:35	1.2250	38.661	102.385
2015/05/09	10:16:05	1.2333	38.664	102.207
POOH Gradient: 2500.000 ft				
2015/05/09	10:16:25	1.2389	38.638	102.090
2015/05/09	10:16:35	1.2417	38.627	102.034
2015/05/09	10:17:05	1.2500	38.143	101.030
2015/05/09	10:17:35	1.2583	38.099	99.968
2015/05/09	10:18:05	1.2667	38.090	99.561
2015/05/09	10:18:35	1.2750	38.088	99.194
2015/05/09	10:19:05	1.2833	38.104	98.850
2015/05/09	10:19:35	1.2917	38.099	98.526
2015/05/09	10:20:05	1.3000	38.129	98.199
2015/05/09	10:20:35	1.3083	38.149	97.902
2015/05/09	10:21:05	1.3167	38.138	97.599
POOH Gradient: 2000.000 ft				
2015/05/09	10:21:35	1.3250	38.146	97.309
2015/05/09	10:22:05	1.3333	37.697	96.219
2015/05/09	10:22:35	1.3417	37.632	95.137
2015/05/09	10:23:05	1.3500	37.600	94.710
2015/05/09	10:23:35	1.3583	37.617	94.345
2015/05/09	10:24:05	1.3667	37.615	93.990
2015/05/09	10:24:35	1.3750	37.630	93.650
2015/05/09	10:25:05	1.3833	37.635	93.313
2015/05/09	10:25:35	1.3917	37.651	92.991
2015/05/09	10:26:05	1.4000	37.670	92.673
2015/05/09	10:26:35	1.4083	37.635	92.368
2015/05/09	10:27:05	1.4167	37.663	92.073
POOH Gradient: 1500.000 ft				
2015/05/09	10:27:15	1.4194	37.677	91.976
2015/05/09	10:27:35	1.4250	37.549	91.758
2015/05/09	10:28:05	1.4333	37.214	90.153
2015/05/09	10:28:35	1.4417	37.167	89.238
2015/05/09	10:29:05	1.4500	37.168	88.745
2015/05/09	10:29:35	1.4583	37.163	88.290
2015/05/09	10:30:05	1.4667	37.183	87.852
2015/05/09	10:30:35	1.4750	37.181	87.426
2015/05/09	10:31:05	1.4833	37.194	87.010
2015/05/09	10:31:35	1.4917	37.206	86.601
POOH Gradient: 1000.000 ft				
2015/05/09	10:31:55	1.4972	37.207	86.338
2015/05/09	10:32:05	1.5000	37.064	86.135
2015/05/09	10:32:35	1.5083	36.725	84.250
2015/05/09	10:33:05	1.5167	36.725	83.278
2015/05/09	10:33:35	1.5250	36.740	82.756
2015/05/09	10:34:05	1.5333	36.760	82.269
2015/05/09	10:34:35	1.5417	36.782	81.811
2015/05/09	10:35:05	1.5500	36.792	81.356
2015/05/09	10:35:35	1.5583	36.801	80.926
2015/05/09	10:36:05	1.5667	36.811	80.512

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Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/9/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/09	10:36:35	1.5750	36.823	80.107
2015/05/09	10:37:05	1.5833	36.839	79.716
POOH Gradient: 500.000 ft				
2015/05/09	10:37:20	1.5875	36.785	79.516
2015/05/09	10:37:35	1.5917	36.592	78.989
2015/05/09	10:38:05	1.6000	36.384	77.040
2015/05/09	10:38:35	1.6083	36.369	76.179
2015/05/09	10:39:05	1.6167	36.356	75.614
2015/05/09	10:39:35	1.6250	36.396	75.103
2015/05/09	10:40:05	1.6333	36.389	74.604
2015/05/09	10:40:35	1.6417	36.421	74.118
POOH Gradient: 0.000 ft				
2015/05/09	10:41:05	1.6500	36.441	73.629
2015/05/09	10:41:35	1.6583	0.000	73.094
2015/05/09	10:42:05	1.6667	0.000	72.534
2015/05/09	10:42:35	1.6750	0.000	71.654
2015/05/09	10:43:05	1.6833	0.000	70.612
2015/05/09	10:43:35	1.6917	0.000	69.519
2015/05/09	10:44:05	1.7000	0.000	67.966