

Pressure Test Report

COMPANY INFORMATION

Company Name	CONOCOPHILLIPS
Representative	PRISCILLA SHORTY
Phone	
Fax	
Address	

*OIL CONS. DIV DIST. 3**JUN 01 2015*

E-Mail Address	
Service Company	PHOENIX SERVICES

WELL INFORMATION

Well Name	ALLISON UNIT 2
Well Location	T32N, R6W, SEC. 19
Field and Pool	BASIN FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	3062-3134
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	6141
Plug Back Total Depth	3600
Total Depth	3645
Production Casing	4 1/2 TO 3643
Production Tubing	2 1/16

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15
Dead-weight Gauge Tubing Pressure	80
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/26/15 @ 1358 HRS
Date / Time off Bottom	5/26/15 @ 1458 HRS
Probe Serial Number	1151
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3098

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	101.5 psig
Maximum Recorded Probe Temperature	118.9 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	35003WP

Company Name	CONOCOPHILLIPS
Well Name	ALLISON UNIT 2
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15

PROBE INFORMATION

Probe Serial Number 1151

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	ALLISON UNIT 2
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.657 GR TO 3587'-SET DOWN-TD-RAN TANDEM BHP GAUGES TO 3098'-SET 1 HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
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Pressure vs. Depth

Probe Serial Number 1151

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1358	1458	3098.000	101.444	-	118.899	-
1458	1603	2500.000	84.810	0.0278	110.935	0.0133
1503	1508	2000.000	83.562	0.0025	104.733	0.0124
1508	1513	1500.000	82.441	0.0022	98.294	0.0129
1513	1518	1000.000	81.351	0.0022	91.078	0.0144
1518	1523	500.000	80.250	0.0022	83.244	0.0157
1523	1528	0.000	79.077	0.0023	76.136	0.0142

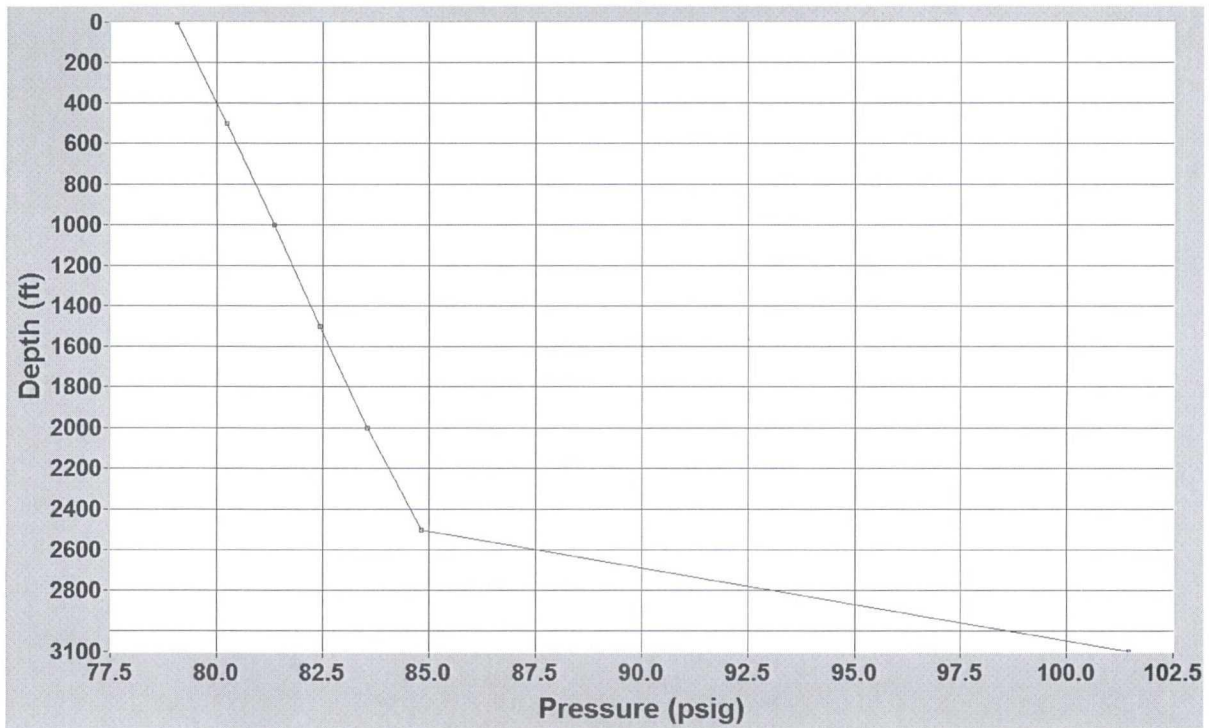
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

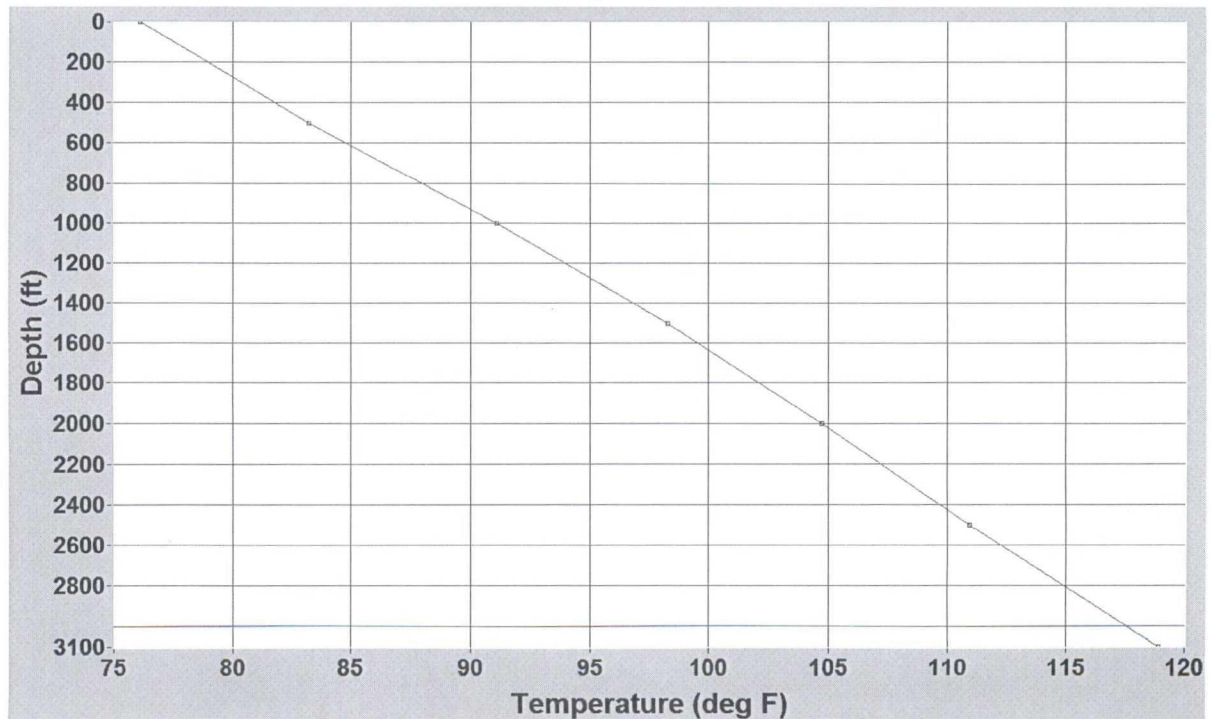
Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 2
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Probe Serial Number 1151

POOH Gradient Depth vs. Pressure

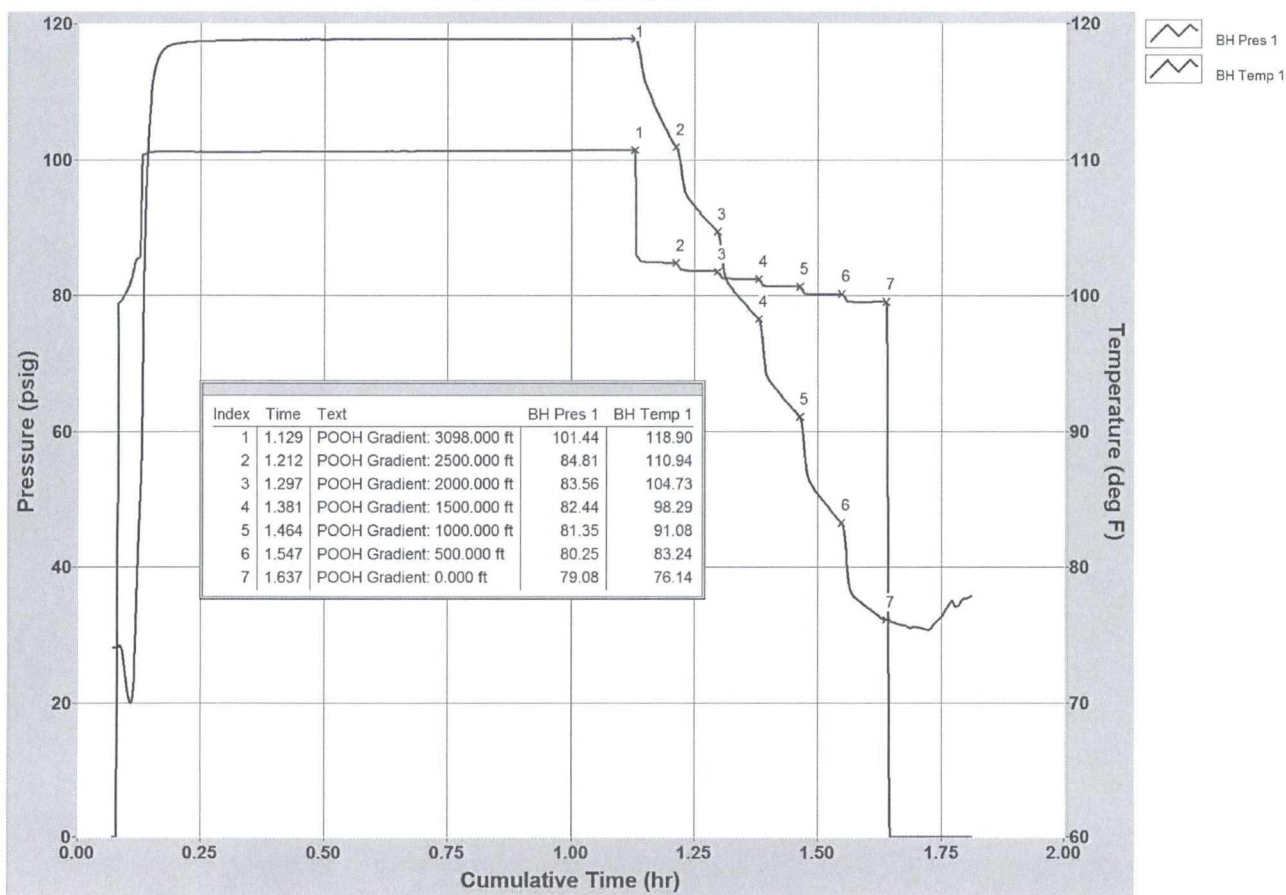


POOH Gradient Depth vs. Temperature



Company Name CONOCOPHILLIPS
 Well Name ALLISON UNIT 2
 Type of Test POOH STATIC GRADIENT
 Date(s) of Test 5/26/15

Allison Unit #2



Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 2
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	13:50:05	0.0000	0.000	71.406
2015/05/26	13:50:35	0.0083	0.000	71.767
2015/05/26	13:51:05	0.0167	0.000	72.262
2015/05/26	13:51:35	0.0250	0.000	73.427
2015/05/26	13:52:05	0.0333	0.000	73.674
2015/05/26	13:52:35	0.0417	0.000	73.821
2015/05/26	13:53:05	0.0500	0.000	73.953
2015/05/26	13:53:35	0.0583	78.724	74.160
2015/05/26	13:54:05	0.0667	0.000	74.147
2015/05/26	13:54:35	0.0750	0.000	74.037
2015/05/26	13:55:05	0.0833	78.848	74.176
2015/05/26	13:55:35	0.0917	79.665	73.396
2015/05/26	13:56:05	0.1000	80.785	70.992
2015/05/26	13:56:35	0.1083	82.512	70.029
2015/05/26	13:57:05	0.1167	84.866	74.269
2015/05/26	13:57:35	0.1250	85.617	84.195
2015/05/26	13:58:05	0.1333	100.792	100.407
2015/05/26	13:58:35	0.1417	101.027	111.223
2015/05/26	13:59:05	0.1500	101.141	115.322
2015/05/26	13:59:35	0.1583	101.204	117.019
2015/05/26	14:00:05	0.1667	101.274	117.783
2015/05/26	14:00:35	0.1750	101.276	118.155
2015/05/26	14:01:05	0.1833	101.269	118.342
2015/05/26	14:01:35	0.1917	101.266	118.461
2015/05/26	14:02:05	0.2000	101.257	118.533
2015/05/26	14:02:35	0.2083	101.240	118.569
2015/05/26	14:03:05	0.2167	101.235	118.612
2015/05/26	14:03:35	0.2250	101.195	118.656
2015/05/26	14:04:05	0.2333	101.184	118.677
2015/05/26	14:04:35	0.2417	101.176	118.693
2015/05/26	14:05:05	0.2500	101.183	118.722
2015/05/26	14:05:35	0.2583	101.165	118.719
2015/05/26	14:06:05	0.2667	101.157	118.735
2015/05/26	14:06:35	0.2750	101.139	118.729
2015/05/26	14:07:05	0.2833	101.136	118.747
2015/05/26	14:07:35	0.2917	101.139	118.749
2015/05/26	14:08:05	0.3000	101.137	118.760
2015/05/26	14:08:35	0.3083	101.134	118.760
2015/05/26	14:09:05	0.3167	101.131	118.774
2015/05/26	14:09:35	0.3250	101.134	118.778
2015/05/26	14:10:05	0.3333	101.146	118.789
2015/05/26	14:10:35	0.3417	101.161	118.794
2015/05/26	14:11:05	0.3500	101.170	118.798
2015/05/26	14:11:35	0.3583	101.170	118.800
2015/05/26	14:12:05	0.3667	101.176	118.798
2015/05/26	14:12:35	0.3750	101.182	118.809
2015/05/26	14:13:05	0.3833	101.188	118.810
2015/05/26	14:13:35	0.3917	101.183	118.827
2015/05/26	14:14:05	0.4000	101.186	118.823
2015/05/26	14:14:35	0.4083	101.192	118.828

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	14:15:05	0.4167	101.192	118.830
2015/05/26	14:15:35	0.4250	101.198	118.841
2015/05/26	14:16:05	0.4333	101.198	118.839
2015/05/26	14:16:35	0.4417	101.203	118.830
2015/05/26	14:17:05	0.4500	101.210	118.845
2015/05/26	14:17:35	0.4583	101.213	118.845
2015/05/26	14:18:05	0.4667	101.216	118.845
2015/05/26	14:18:35	0.4750	101.222	118.854
2015/05/26	14:19:05	0.4833	101.225	118.854
2015/05/26	14:19:35	0.4917	101.231	118.854
2015/05/26	14:20:05	0.5000	101.224	118.845
2015/05/26	14:20:35	0.5083	101.221	118.841
2015/05/26	14:21:05	0.5167	101.224	118.845
2015/05/26	14:21:35	0.5250	101.225	118.854
2015/05/26	14:22:05	0.5333	101.222	118.848
2015/05/26	14:22:35	0.5417	101.231	118.861
2015/05/26	14:23:05	0.5500	101.234	118.852
2015/05/26	14:23:35	0.5583	101.239	118.846
2015/05/26	14:24:05	0.5667	101.245	118.857
2015/05/26	14:24:35	0.5750	101.257	118.857
2015/05/26	14:25:05	0.5833	101.266	118.861
2015/05/26	14:25:35	0.5917	101.272	118.855
2015/05/26	14:26:05	0.6000	101.275	118.864
2015/05/26	14:26:35	0.6083	101.275	118.855
2015/05/26	14:27:05	0.6167	101.275	118.864
2015/05/26	14:27:35	0.6250	101.284	118.857
2015/05/26	14:28:05	0.6333	101.281	118.866
2015/05/26	14:28:35	0.6417	101.284	118.864
2015/05/26	14:29:05	0.6500	101.281	118.864
2015/05/26	14:29:35	0.6583	101.290	118.872
2015/05/26	14:30:05	0.6667	101.284	118.868
2015/05/26	14:30:35	0.6750	101.278	118.864
2015/05/26	14:31:05	0.6833	101.284	118.870
2015/05/26	14:31:35	0.6917	101.293	118.870
2015/05/26	14:32:05	0.7000	101.308	118.866
2015/05/26	14:32:35	0.7083	101.302	118.866
2015/05/26	14:33:05	0.7167	101.308	118.870
2015/05/26	14:33:35	0.7250	101.311	118.872
2015/05/26	14:34:05	0.7333	101.308	118.873
2015/05/26	14:34:35	0.7417	101.314	118.872
2015/05/26	14:35:05	0.7500	101.314	118.872
2015/05/26	14:35:35	0.7583	101.317	118.872
2015/05/26	14:36:05	0.7667	101.322	118.870
2015/05/26	14:36:35	0.7750	101.311	118.870
2015/05/26	14:37:05	0.7833	101.314	118.873
2015/05/26	14:37:35	0.7917	101.311	118.877
2015/05/26	14:38:05	0.8000	101.320	118.882
2015/05/26	14:38:35	0.8083	101.325	118.873
2015/05/26	14:39:05	0.8167	101.334	118.872
2015/05/26	14:39:35	0.8250	101.334	118.870

Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 2
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	14:40:05	0.8333	101.343	118.879
2015/05/26	14:40:35	0.8417	101.349	118.879
2015/05/26	14:41:05	0.8500	101.358	118.875
2015/05/26	14:41:35	0.8583	101.361	118.884
2015/05/26	14:42:05	0.8667	101.355	118.884
2015/05/26	14:42:35	0.8750	101.352	118.881
2015/05/26	14:43:05	0.8833	101.358	118.886
2015/05/26	14:43:35	0.8917	101.358	118.882
2015/05/26	14:44:05	0.9000	101.355	118.882
2015/05/26	14:44:35	0.9083	101.361	118.884
2015/05/26	14:45:05	0.9167	101.364	118.888
2015/05/26	14:45:35	0.9250	101.364	118.879
2015/05/26	14:46:05	0.9333	101.373	118.886
2015/05/26	14:46:35	0.9417	101.376	118.881
2015/05/26	14:47:05	0.9500	101.379	118.890
2015/05/26	14:47:35	0.9583	101.379	118.891
2015/05/26	14:48:05	0.9667	101.385	118.890
2015/05/26	14:48:35	0.9750	101.385	118.890
2015/05/26	14:49:05	0.9833	101.394	118.893
2015/05/26	14:49:35	0.9917	101.391	118.888
2015/05/26	14:50:05	1.0000	101.394	118.891
2015/05/26	14:50:35	1.0083	101.396	118.888
2015/05/26	14:51:05	1.0167	101.406	118.897
2015/05/26	14:51:35	1.0250	101.400	118.890
2015/05/26	14:52:05	1.0333	101.402	118.888
2015/05/26	14:52:35	1.0417	101.414	118.895
2015/05/26	14:53:05	1.0500	101.420	118.893
2015/05/26	14:53:35	1.0583	101.426	118.890
2015/05/26	14:54:05	1.0667	101.429	118.893
2015/05/26	14:54:35	1.0750	101.426	118.897
2015/05/26	14:55:05	1.0833	101.438	118.891
2015/05/26	14:55:35	1.0917	101.438	118.899
2015/05/26	14:56:05	1.1000	101.435	118.899
2015/05/26	14:56:35	1.1083	101.456	118.906
2015/05/26	14:57:05	1.1167	101.456	118.897
2015/05/26	14:57:35	1.1250	101.450	118.902
POOH Gradient: 3098.000 ft				
2015/05/26	14:57:50	1.1292	101.444	118.899
2015/05/26	14:58:05	1.1333	85.912	118.722
2015/05/26	14:58:35	1.1417	85.094	117.262
2015/05/26	14:59:05	1.1500	85.034	115.702
2015/05/26	14:59:35	1.1583	84.910	114.921
2015/05/26	15:00:05	1.1667	84.912	114.197
2015/05/26	15:00:35	1.1750	84.902	113.506
2015/05/26	15:01:05	1.1833	84.886	112.860
2015/05/26	15:01:35	1.1917	84.860	112.253
2015/05/26	15:02:05	1.2000	84.831	111.690
2015/05/26	15:02:35	1.2083	84.817	111.182
POOH Gradient: 2500.000 ft				
2015/05/26	15:02:50	1.2125	84.810	110.935

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	15:03:05	1.2167	84.466	110.624
2015/05/26	15:03:35	1.2250	83.814	108.682
2015/05/26	15:04:05	1.2333	83.745	107.506
2015/05/26	15:04:35	1.2417	83.658	107.019
2015/05/26	15:05:05	1.2500	83.648	106.624
2015/05/26	15:05:35	1.2583	83.653	106.263
2015/05/26	15:06:05	1.2667	83.625	105.912
2015/05/26	15:06:35	1.2750	83.627	105.575
2015/05/26	15:07:05	1.2833	83.628	105.255
2015/05/26	15:07:35	1.2917	83.624	104.932
POOH Gradient: 2000.000 ft				
2015/05/26	15:07:55	1.2972	83.562	104.733
2015/05/26	15:08:05	1.3000	83.244	104.499
2015/05/26	15:08:35	1.3083	82.619	102.173
2015/05/26	15:09:05	1.3167	82.538	101.032
2015/05/26	15:09:35	1.3250	82.504	100.580
2015/05/26	15:10:05	1.3333	82.503	100.206
2015/05/26	15:10:35	1.3417	82.493	99.855
2015/05/26	15:11:05	1.3500	82.486	99.505
2015/05/26	15:11:35	1.3583	82.487	99.165
2015/05/26	15:12:05	1.3667	82.465	98.834
2015/05/26	15:12:35	1.3750	82.466	98.514
POOH Gradient: 1500.000 ft				
2015/05/26	15:12:55	1.3806	82.441	98.294
2015/05/26	15:13:05	1.3833	82.175	97.986
2015/05/26	15:13:35	1.3917	81.442	95.113
2015/05/26	15:14:05	1.4000	81.385	93.906
2015/05/26	15:14:35	1.4083	81.395	93.448
2015/05/26	15:15:05	1.4167	81.390	93.065
2015/05/26	15:15:35	1.4250	81.392	92.703
2015/05/26	15:16:05	1.4333	81.372	92.343
2015/05/26	15:16:35	1.4417	81.377	91.990
2015/05/26	15:17:05	1.4500	81.388	91.638
2015/05/26	15:17:35	1.4583	81.379	91.297
POOH Gradient: 1000.000 ft				
2015/05/26	15:17:55	1.4639	81.351	91.078
2015/05/26	15:18:05	1.4667	81.096	90.828
2015/05/26	15:18:35	1.4750	80.299	87.831
2015/05/26	15:19:05	1.4833	80.204	86.295
2015/05/26	15:19:35	1.4917	80.221	85.802
2015/05/26	15:20:05	1.5000	80.233	85.392
2015/05/26	15:20:35	1.5083	80.227	84.999
2015/05/26	15:21:05	1.5167	80.240	84.612
2015/05/26	15:21:35	1.5250	80.212	84.225
2015/05/26	15:22:05	1.5333	80.228	83.851
2015/05/26	15:22:35	1.5417	80.243	83.489
POOH Gradient: 500.000 ft				
2015/05/26	15:22:55	1.5472	80.250	83.244
2015/05/26	15:23:05	1.5500	80.074	83.068
2015/05/26	15:23:35	1.5583	79.233	80.494

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Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	15:24:05	1.5667	79.145	78.240
2015/05/26	15:24:35	1.5750	79.058	77.770
2015/05/26	15:25:05	1.5833	79.069	77.515
2015/05/26	15:25:35	1.5917	79.077	77.290
2015/05/26	15:26:05	1.6000	79.080	77.056
2015/05/26	15:26:35	1.6083	79.083	76.822
2015/05/26	15:27:05	1.6167	79.094	76.590
2015/05/26	15:27:35	1.6250	79.100	76.365
2015/05/26	15:28:05	1.6333	79.107	76.147
POOH Gradient: 0.000 ft				
2015/05/26	15:28:20	1.6375	79.077	76.136
2015/05/26	15:28:35	1.6417	33.774	76.170
2015/05/26	15:29:05	1.6500	0.000	75.931
2015/05/26	15:29:35	1.6583	0.000	75.893
2015/05/26	15:30:05	1.6667	0.000	75.754
2015/05/26	15:30:35	1.6750	0.000	75.718
2015/05/26	15:31:05	1.6833	0.000	75.574
2015/05/26	15:31:35	1.6917	0.000	75.560
2015/05/26	15:32:05	1.7000	0.000	75.582
2015/05/26	15:32:35	1.7083	0.000	75.511
2015/05/26	15:33:05	1.7167	0.000	75.438
2015/05/26	15:33:35	1.7250	0.000	75.369
2015/05/26	15:34:05	1.7333	0.000	75.720
2015/05/26	15:34:35	1.7417	0.000	76.055
2015/05/26	15:35:05	1.7500	0.000	76.345
2015/05/26	15:35:35	1.7583	0.000	76.795
2015/05/26	15:36:05	1.7667	0.000	77.263
2015/05/26	15:36:35	1.7750	0.000	77.263
2015/05/26	15:37:05	1.7833	0.000	77.133
2015/05/26	15:37:35	1.7917	0.000	77.544
2015/05/26	15:38:05	1.8000	0.000	77.695
2015/05/26	15:38:35	1.8083	0.000	77.796