

3004511411

BP

OIL CONS. DIV DIST. 3

JUN 01 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	ALLISON UNIT 1 POW
Well Location	T32N, R6W, SEC. 17
Field and Pool	BASIN FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	3064-3114
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	
Casing Flange (CF)	
KB-CF	
Ground Level	6547
Plug Back Total Depth	8082
Total Depth	8660
Production Casing	7 TO 3240
Production Tubing	2 3/8 TO 2989

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15
Dead-weight Gauge Tubing Pressure	200
Dead-weight Gauge Casing Pressure	200
Shut-in Date (Duration)	
Date / Time on Bottom	5/26/15 @ 0802 HRS
Date / Time off Bottom	5/26/15 @ 0902 HRS
Probe Serial Number	1151
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3089

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	230.1 psig
Maximum Recorded Probe Temperature	118.2 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	35004WP

Company Name	CONOCOPHILLIPS
Well Name	ALLISON UNIT 1 POW
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 1 POW
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 GR TO 3209'-SET DOWN-TD-RAN TANDEM BHP GAUGES TO 3089'-SET 1 HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
Well Name	ALLISON UNIT 1 POW
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/26/15

Pressure vs. Depth

Probe Serial Number 1151

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
0802	0902	3089.000	230.049	-	118.164	-
0902	0907	3000.000	216.634	0.1507	116.676	0.0167
0908	0913	2500.000	214.249	0.0048	111.186	0.0110
0913	0918	2000.000	211.704	0.0051	103.316	0.0157
0918	0923	1500.000	209.280	0.0048	94.548	0.0175
0923	0928	1000.000	206.964	0.0046	85.923	0.0173
0928	0933	500.000	204.425	0.0051	76.879	0.0181
0933	0938	0.000	201.970	0.0049	67.525	0.0187

Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

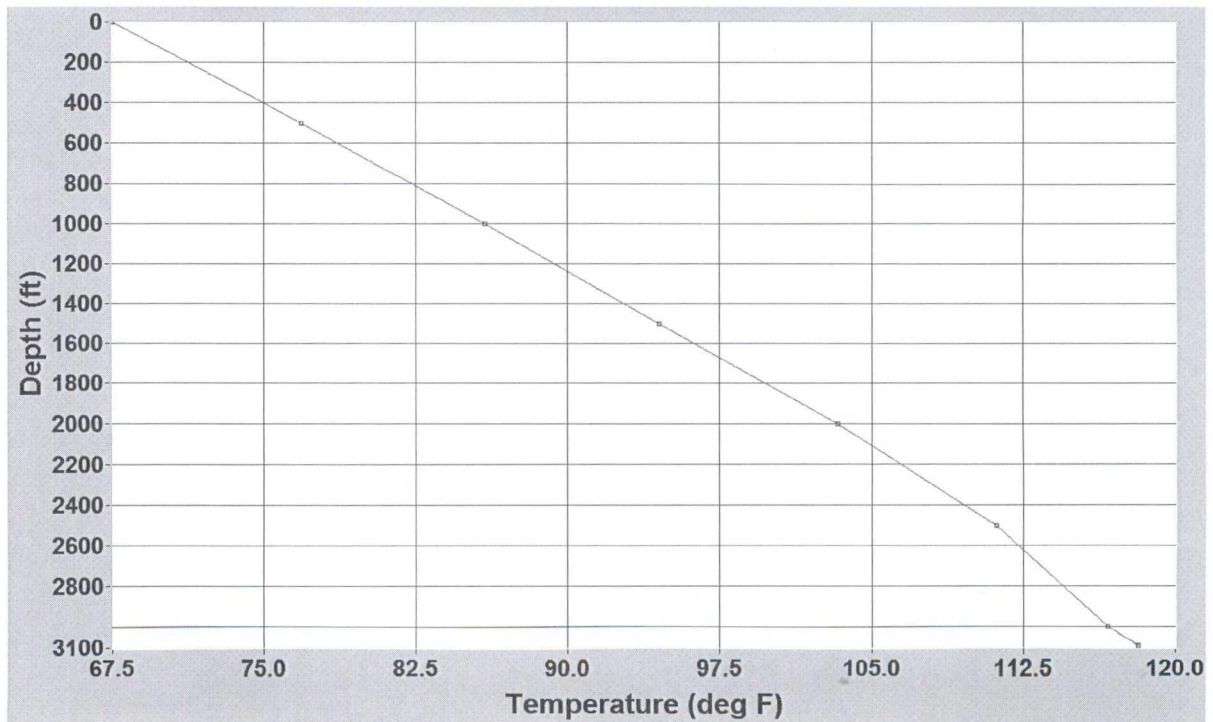
Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 1 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/26/15

Probe Serial Number 1151

POOH Gradient Depth vs. Pressure

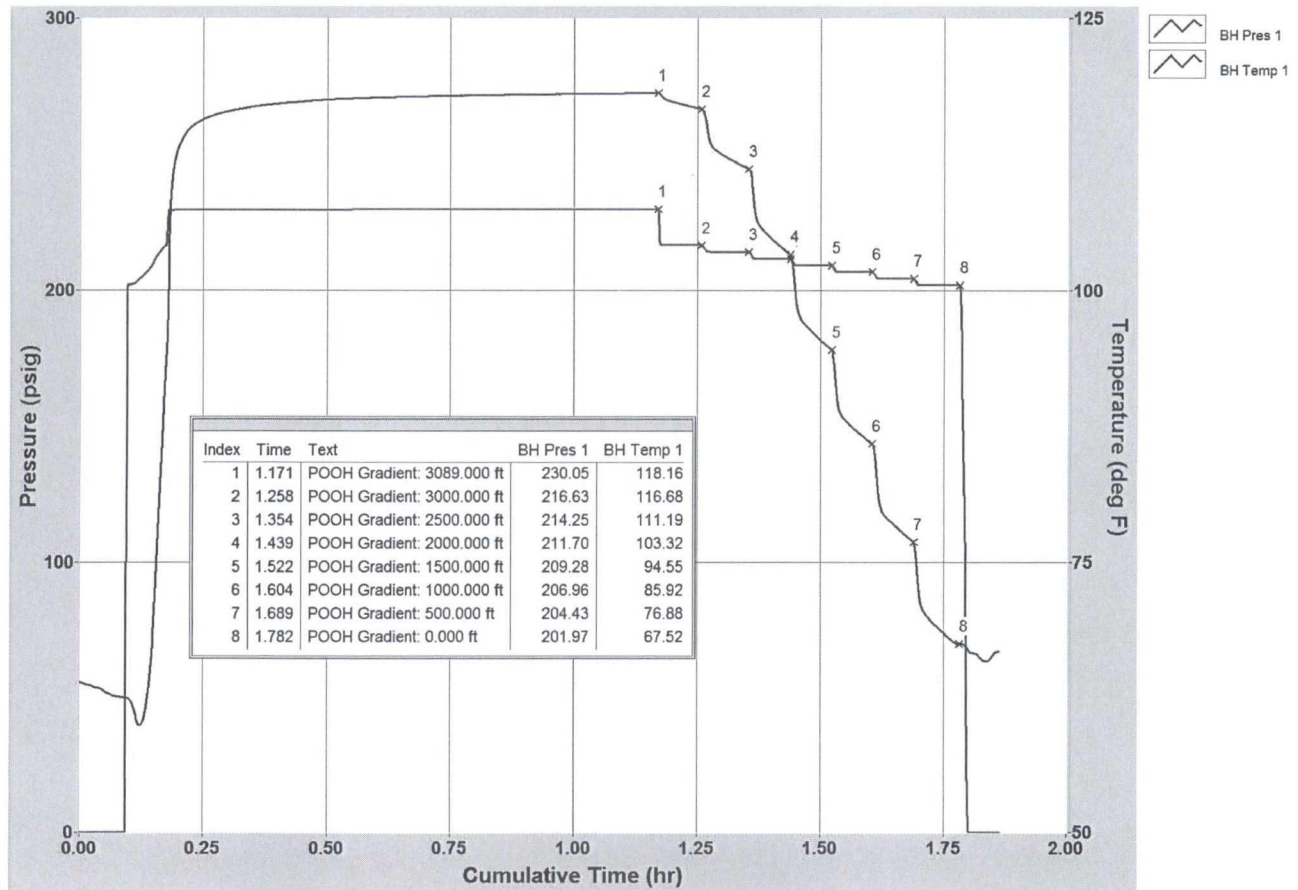


POOH Gradient Depth vs. Temperature



Company Name CONOCOPHILLIPS
 Well Name ALLISON UNIT 1 POW
 Type of Test POOH STATIC GRADIENT
 Date(s) of Test 5/26/15

Allison Unit #1 POW



Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 1 POW
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	07:51:05	0.0000	0.000	64.008
2015/05/26	07:51:35	0.0083	0.000	63.860
2015/05/26	07:52:05	0.0167	0.000	63.723
2015/05/26	07:52:35	0.0250	0.000	63.658
2015/05/26	07:53:05	0.0333	0.000	63.473
2015/05/26	07:53:35	0.0417	0.000	63.417
2015/05/26	07:54:05	0.0500	0.000	63.160
2015/05/26	07:54:35	0.0583	0.000	62.967
2015/05/26	07:55:05	0.0667	0.000	62.780
2015/05/26	07:55:35	0.0750	0.000	62.681
2015/05/26	07:56:05	0.0833	0.000	62.622
2015/05/26	07:56:35	0.0917	0.000	62.559
2015/05/26	07:57:05	0.1000	202.068	62.474
2015/05/26	07:57:35	0.1083	202.389	61.747
2015/05/26	07:58:05	0.1167	203.554	60.438
2015/05/26	07:58:35	0.1250	204.902	60.073
2015/05/26	07:59:05	0.1333	206.478	61.354
2015/05/26	07:59:35	0.1417	208.228	64.386
2015/05/26	08:00:05	0.1500	210.756	69.478
2015/05/26	08:00:35	0.1583	213.303	77.850
2015/05/26	08:01:05	0.1667	215.305	86.272
2015/05/26	08:01:35	0.1750	218.593	94.469
2015/05/26	08:02:05	0.1833	229.583	107.686
2015/05/26	08:02:35	0.1917	229.647	111.796
2015/05/26	08:03:05	0.2000	229.695	113.250
2015/05/26	08:03:35	0.2083	229.719	114.053
2015/05/26	08:04:05	0.2167	229.704	114.584
2015/05/26	08:04:35	0.2250	229.734	115.002
2015/05/26	08:05:05	0.2333	229.776	115.315
2015/05/26	08:05:35	0.2417	229.767	115.542
2015/05/26	08:06:05	0.2500	229.774	115.732
2015/05/26	08:06:35	0.2583	229.775	115.902
2015/05/26	08:07:05	0.2667	229.752	116.049
2015/05/26	08:07:35	0.2750	229.761	116.179
2015/05/26	08:08:05	0.2833	229.749	116.276
2015/05/26	08:08:35	0.2917	229.749	116.375
2015/05/26	08:09:05	0.3000	229.751	116.463
2015/05/26	08:09:35	0.3083	229.748	116.550
2015/05/26	08:10:05	0.3167	229.734	116.616
2015/05/26	08:10:35	0.3250	229.737	116.683
2015/05/26	08:11:05	0.3333	229.747	116.751
2015/05/26	08:11:35	0.3417	229.749	116.830
2015/05/26	08:12:05	0.3500	229.760	116.890
2015/05/26	08:12:35	0.3583	229.768	116.951
2015/05/26	08:13:05	0.3667	229.766	117.001
2015/05/26	08:13:35	0.3750	229.769	117.052
2015/05/26	08:14:05	0.3833	229.768	117.093
2015/05/26	08:14:35	0.3917	229.764	117.140
2015/05/26	08:15:05	0.4000	229.763	117.180
2015/05/26	08:15:35	0.4083	229.776	117.217

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	08:16:05	0.4167	229.778	117.246
2015/05/26	08:16:35	0.4250	229.786	117.275
2015/05/26	08:17:05	0.4333	229.799	117.311
2015/05/26	08:17:35	0.4417	229.799	117.343
2015/05/26	08:18:05	0.4500	229.810	117.374
2015/05/26	08:18:35	0.4583	229.812	117.417
2015/05/26	08:19:05	0.4667	229.828	117.455
2015/05/26	08:19:35	0.4750	229.834	117.487
2015/05/26	08:20:05	0.4833	229.839	117.516
2015/05/26	08:20:35	0.4917	229.843	117.538
2015/05/26	08:21:05	0.5000	229.851	117.563
2015/05/26	08:21:35	0.5083	229.849	117.574
2015/05/26	08:22:05	0.5167	229.863	117.601
2015/05/26	08:22:35	0.5250	229.868	117.612
2015/05/26	08:23:05	0.5333	229.877	117.626
2015/05/26	08:23:35	0.5417	229.878	117.648
2015/05/26	08:24:05	0.5500	229.891	117.657
2015/05/26	08:24:35	0.5583	229.910	117.680
2015/05/26	08:25:05	0.5667	229.913	117.698
2015/05/26	08:25:35	0.5750	229.917	117.702
2015/05/26	08:26:05	0.5833	229.925	117.716
2015/05/26	08:26:35	0.5917	229.931	117.730
2015/05/26	08:27:05	0.6000	229.933	117.741
2015/05/26	08:27:35	0.6083	229.935	117.750
2015/05/26	08:28:05	0.6167	229.931	117.761
2015/05/26	08:28:35	0.6250	229.934	117.779
2015/05/26	08:29:05	0.6333	229.943	117.783
2015/05/26	08:29:35	0.6417	229.946	117.797
2015/05/26	08:30:05	0.6500	229.956	117.801
2015/05/26	08:30:35	0.6583	229.958	117.817
2015/05/26	08:31:05	0.6667	229.959	117.819
2015/05/26	08:31:35	0.6750	229.955	117.828
2015/05/26	08:32:05	0.6833	229.964	117.844
2015/05/26	08:32:35	0.6917	229.986	117.853
2015/05/26	08:33:05	0.7000	229.983	117.855
2015/05/26	08:33:35	0.7083	229.986	117.869
2015/05/26	08:34:05	0.7167	229.987	117.876
2015/05/26	08:34:35	0.7250	229.992	117.885
2015/05/26	08:35:05	0.7333	229.990	117.891
2015/05/26	08:35:35	0.7417	229.988	117.894
2015/05/26	08:36:05	0.7500	229.991	117.898
2015/05/26	08:36:35	0.7583	229.993	117.910
2015/05/26	08:37:05	0.7667	230.002	117.927
2015/05/26	08:37:35	0.7750	229.999	117.927
2015/05/26	08:38:05	0.7833	230.002	117.925
2015/05/26	08:38:35	0.7917	230.005	117.941
2015/05/26	08:39:05	0.8000	230.002	117.943
2015/05/26	08:39:35	0.8083	230.017	117.955
2015/05/26	08:40:05	0.8167	230.021	117.963
2015/05/26	08:40:35	0.8250	230.025	117.968

Company Name CONOCOPHILLIPS
 Well Name ALLISON UNIT 1 POW
 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	08:41:05	0.8333	230.019	117.972
2015/05/26	08:41:35	0.8417	230.015	117.981
2015/05/26	08:42:05	0.8500	230.013	117.986
2015/05/26	08:42:35	0.8583	230.014	117.993
2015/05/26	08:43:05	0.8667	230.025	118.002
2015/05/26	08:43:35	0.8750	230.019	118.002
2015/05/26	08:44:05	0.8833	230.027	118.015
2015/05/26	08:44:35	0.8917	230.019	118.018
2015/05/26	08:45:05	0.9000	230.023	118.026
2015/05/26	08:45:35	0.9083	230.033	118.031
2015/05/26	08:46:05	0.9167	230.035	118.038
2015/05/26	08:46:35	0.9250	230.034	118.036
2015/05/26	08:47:05	0.9333	230.039	118.044
2015/05/26	08:47:35	0.9417	230.042	118.049
2015/05/26	08:48:05	0.9500	230.044	118.056
2015/05/26	08:48:35	0.9583	230.030	118.062
2015/05/26	08:49:05	0.9667	230.027	118.063
2015/05/26	08:49:35	0.9750	230.033	118.063
2015/05/26	08:50:05	0.9833	230.034	118.069
2015/05/26	08:50:35	0.9917	230.037	118.067
2015/05/26	08:51:05	1.0000	230.033	118.076
2015/05/26	08:51:35	1.0083	230.041	118.074
2015/05/26	08:52:05	1.0167	230.039	118.078
2015/05/26	08:52:35	1.0250	230.042	118.080
2015/05/26	08:53:05	1.0333	230.041	118.087
2015/05/26	08:53:35	1.0417	230.045	118.094
2015/05/26	08:54:05	1.0500	230.055	118.099
2015/05/26	08:54:35	1.0583	230.056	118.107
2015/05/26	08:55:05	1.0667	230.043	118.099
2015/05/26	08:55:35	1.0750	230.042	118.110
2015/05/26	08:56:05	1.0833	230.045	118.125
2015/05/26	08:56:35	1.0917	230.041	118.123
2015/05/26	08:57:05	1.1000	230.049	118.130
2015/05/26	08:57:35	1.1083	230.041	118.137
2015/05/26	08:58:05	1.1167	230.036	118.139
2015/05/26	08:58:35	1.1250	230.039	118.139
2015/05/26	08:59:05	1.1333	230.042	118.143
2015/05/26	08:59:35	1.1417	230.058	118.150
2015/05/26	09:00:05	1.1500	230.052	118.152
2015/05/26	09:00:35	1.1583	230.053	118.153
2015/05/26	09:01:05	1.1667	230.054	118.159
POOH Gradient: 3089.000 ft				
2015/05/26	09:01:20	1.1708	230.049	118.164
2015/05/26	09:01:35	1.1750	217.096	118.078
2015/05/26	09:02:05	1.1833	216.822	117.635
2015/05/26	09:02:35	1.1917	216.803	117.466
2015/05/26	09:03:05	1.2000	216.787	117.352
2015/05/26	09:03:35	1.2083	216.785	117.252
2015/05/26	09:04:05	1.2167	216.774	117.151
2015/05/26	09:04:35	1.2250	216.770	117.054

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/26	09:05:05	1.2333	216.760	116.960
2015/05/26	09:05:35	1.2417	216.762	116.866
2015/05/26	09:06:05	1.2500	216.769	116.782
POOH Gradient: 3000.000 ft				
2015/05/26	09:06:35	1.2583	216.634	116.676
2015/05/26	09:07:05	1.2667	215.166	115.862
2015/05/26	09:07:35	1.2750	214.364	113.691
2015/05/26	09:08:05	1.2833	214.295	113.065
2015/05/26	09:08:35	1.2917	214.282	112.771
2015/05/26	09:09:05	1.3000	214.271	112.532
2015/05/26	09:09:35	1.3083	214.259	112.303
2015/05/26	09:10:05	1.3167	214.242	112.078
2015/05/26	09:10:35	1.3250	214.262	111.864
2015/05/26	09:11:05	1.3333	214.270	111.668
2015/05/26	09:11:35	1.3417	214.260	111.470
2015/05/26	09:12:05	1.3500	214.254	111.276
POOH Gradient: 2500.000 ft				
2015/05/26	09:12:20	1.3542	214.249	111.186
2015/05/26	09:12:35	1.3583	213.358	110.725
2015/05/26	09:13:05	1.3667	211.861	107.391
2015/05/26	09:13:35	1.3750	211.801	106.077
2015/05/26	09:14:05	1.3833	211.799	105.580
2015/05/26	09:14:35	1.3917	211.791	105.183
2015/05/26	09:15:05	1.4000	211.762	104.821
2015/05/26	09:15:35	1.4083	211.784	104.472
2015/05/26	09:16:05	1.4167	211.785	104.140
2015/05/26	09:16:35	1.4250	211.782	103.815
2015/05/26	09:17:05	1.4333	211.791	103.518
POOH Gradient: 2000.000 ft				
2015/05/26	09:17:25	1.4389	211.704	103.316
2015/05/26	09:17:35	1.4417	210.897	102.841
2015/05/26	09:18:05	1.4500	209.353	98.933
2015/05/26	09:18:35	1.4583	209.364	97.498
2015/05/26	09:19:05	1.4667	209.357	96.978
2015/05/26	09:19:35	1.4750	209.323	96.564
2015/05/26	09:20:05	1.4833	209.335	96.175
2015/05/26	09:20:35	1.4917	209.328	95.801
2015/05/26	09:21:05	1.5000	209.350	95.441
2015/05/26	09:21:35	1.5083	209.342	95.092
2015/05/26	09:22:05	1.5167	209.359	94.766
POOH Gradient: 1500.000 ft				
2015/05/26	09:22:25	1.5222	209.280	94.548
2015/05/26	09:22:35	1.5250	208.513	94.098
2015/05/26	09:23:05	1.5333	206.973	90.059
2015/05/26	09:23:35	1.5417	206.996	88.534
2015/05/26	09:24:05	1.5500	206.949	88.057
2015/05/26	09:24:35	1.5583	206.944	87.685
2015/05/26	09:25:05	1.5667	206.928	87.341
2015/05/26	09:25:35	1.5750	206.938	87.004
2015/05/26	09:26:05	1.5833	206.994	86.682

Company Name CONOCOPHILLIPS
Well Name ALLISON UNIT 1 POW
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	09:26:35	1.5917	206.970	86.371
2015/05/26	09:27:05	1.6000	206.958	86.068
POOH Gradient: 1000.000 ft				
2015/05/26	09:27:20	1.6042	206.964	85.923
2015/05/26	09:27:35	1.6083	206.048	85.296
2015/05/26	09:28:05	1.6167	204.493	81.025
2015/05/26	09:28:35	1.6250	204.563	79.639
2015/05/26	09:29:05	1.6333	204.552	79.165
2015/05/26	09:29:35	1.6417	204.535	78.784
2015/05/26	09:30:05	1.6500	204.546	78.431
2015/05/26	09:30:35	1.6583	204.576	78.078
2015/05/26	09:31:05	1.6667	204.560	77.738
2015/05/26	09:31:35	1.6750	204.548	77.410
2015/05/26	09:32:05	1.6833	204.565	77.092
POOH Gradient: 500.000 ft				
2015/05/26	09:32:25	1.6889	204.425	76.879
2015/05/26	09:32:35	1.6917	203.637	76.316
2015/05/26	09:33:05	1.7000	202.174	72.050
2015/05/26	09:33:35	1.7083	202.158	70.552
2015/05/26	09:34:05	1.7167	202.170	70.043
2015/05/26	09:34:35	1.7250	202.170	69.645
2015/05/26	09:35:05	1.7333	202.163	69.269
2015/05/26	09:35:35	1.7417	202.163	68.905
2015/05/26	09:36:05	1.7500	202.153	68.549
2015/05/26	09:36:35	1.7583	202.182	68.205
2015/05/26	09:37:05	1.7667	202.187	67.881
2015/05/26	09:37:35	1.7750	202.171	67.568
POOH Gradient: 0.000 ft				
2015/05/26	09:38:00	1.7819	201.970	67.525
2015/05/26	09:38:05	1.7833	198.574	67.530
2015/05/26	09:38:35	1.7917	130.797	67.469
2015/05/26	09:39:05	1.8000	1.065	66.997
2015/05/26	09:39:35	1.8083	0.000	66.664
2015/05/26	09:40:05	1.8167	0.000	66.596
2015/05/26	09:40:35	1.8250	0.000	66.276
2015/05/26	09:41:05	1.8333	0.000	65.961
2015/05/26	09:41:35	1.8417	0.000	65.982
2015/05/26	09:42:05	1.8500	0.000	66.427
2015/05/26	09:42:35	1.8583	0.000	66.753