

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 POW - API# 30-039-24015
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

OIL CONS. DIV DIST. 3

JUN 2 2014

TEST INFORMATION

Type of Test POOH STATIC GRADIENT
Date(s) of Test 4/30/14
Dead-weight Gauge Tubing Pressure 50
Dead-weight Gauge Casing Pressure 145
Shut-in Date (Duration)
Date / Time on Bottom 4/30/14 @ 1539 HRS
Date / Time off Bottom 4/30/14 @ 1639 HRS
Probe Serial Number 9734
Probe Offset from End of Tool String 0-6000
Run Depth at Probe Pressure Port 3083

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 50.0 psig
Maximum Recorded Probe Temperature 105.7 deg F
Final Buildup Pressure
Gradient Survey Information
Extrapolated Pressure to MPP
Final Gradient at Depth
Job Number 31764WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 30-6 UNIT 402 POW
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	4/30/14

PROBE INFORMATION

Probe Serial Number 9734
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 POW
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	4/30/14

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.657 GR TO 3140'-SET DOWN-RAN TANDEM BHP GAUGES (9734, 9735) TO 3081'-SET 1
HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
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Pressure vs. Depth

Probe Serial Number 9734

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1539	1639	3083.000	49.884	-	105.703	-
1641	1646	3000.000	41.052	0.1064	105.280	0.0051
1647	1652	2500.000	40.051	0.0020	99.741	0.0111
1655	1700	2000.000	39.073	0.0020	93.823	0.0118
1701	1706	1500.000	38.110	0.0019	86.704	0.0142
1708	1713	1000.000	37.116	0.0020	77.097	0.0192
1716	1721	500.000	36.221	0.0018	68.637	0.0169
1723	1728	0.000	35.410	0.0016	64.846	0.0076

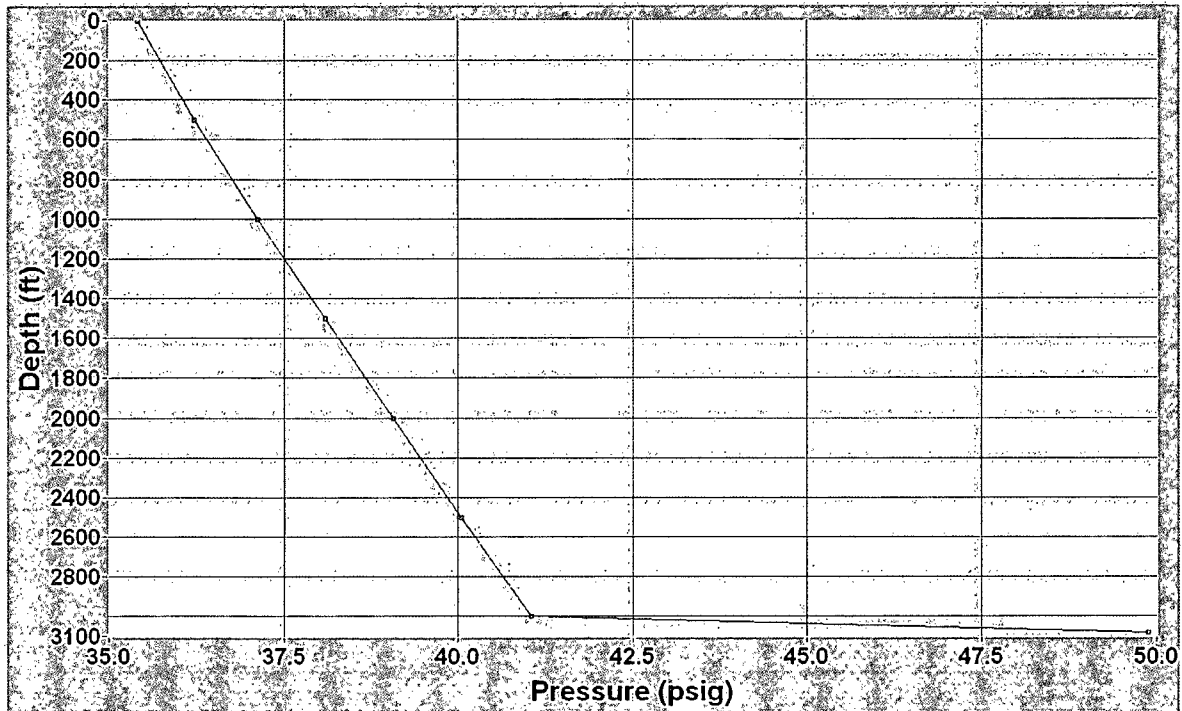
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

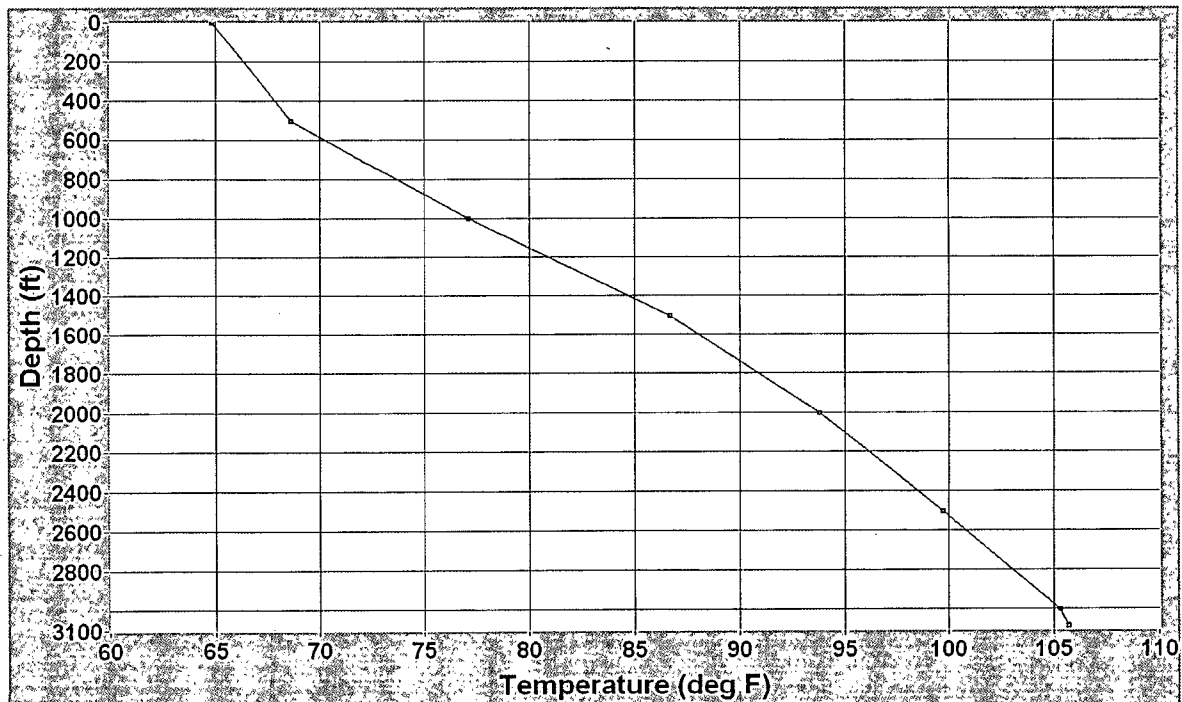
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT 402 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 4/30/14

Probe Serial Number 9734

POOH Gradient Depth vs. Pressure

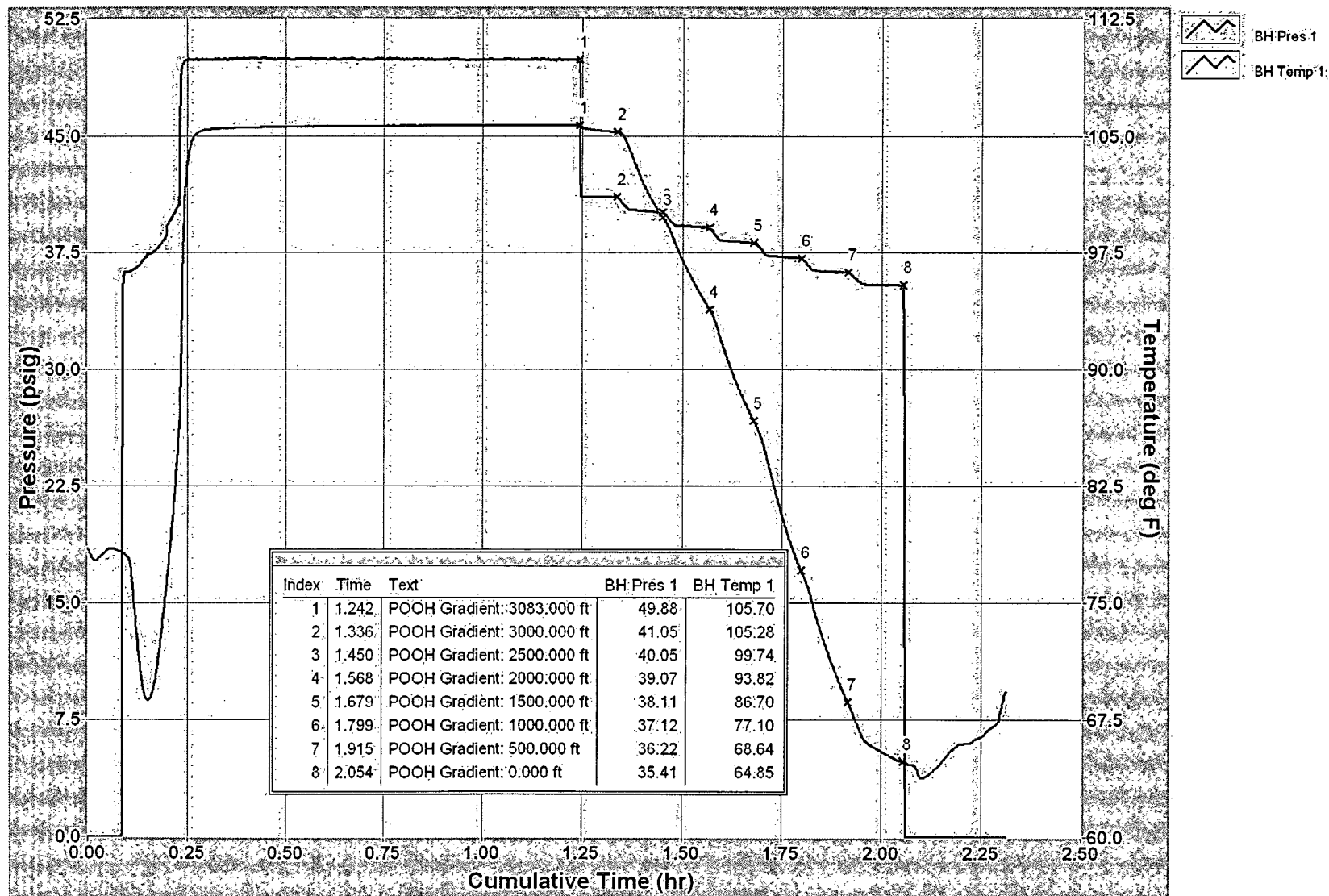


POOH Gradient Depth vs. Temperature



Company Name CONOCOPHILLIPS
 Well Name SAN JUAN 30-6 UNIT 402 POW
 Type of Test POOH STATIC GRADIENT
 Date(s) of Test 4/30/14

San Juan 30-6 Unit #402 POW



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT 402 POW
Type of Test POOH STATIC GRADIENT
Date(s) of Test 4/30/14

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	15:25:05	0.0000	0.000	78.480
2014/04/30	15:25:35	0.0083	0.000	78.028
2014/04/30	15:26:05	0.0167	0.000	77.778
2014/04/30	15:26:35	0.0250	0.000	77.785
2014/04/30	15:27:05	0.0333	0.000	77.994
2014/04/30	15:27:35	0.0417	0.000	78.192
2014/04/30	15:28:05	0.0500	0.000	78.424
2014/04/30	15:28:35	0.0583	0.000	78.489
2014/04/30	15:29:05	0.0667	0.000	78.487
2014/04/30	15:29:35	0.0750	0.000	78.381
2014/04/30	15:30:05	0.0833	0.000	78.296
2014/04/30	15:30:35	0.0917	36.078	78.186
2014/04/30	15:31:05	0.1000	36.206	77.959
2014/04/30	15:31:35	0.1083	36.269	77.198
2014/04/30	15:32:05	0.1167	36.412	74.845
2014/04/30	15:32:35	0.1250	36.527	72.484
2014/04/30	15:33:05	0.1333	36.726	70.468
2014/04/30	15:33:35	0.1417	37.028	69.193
2014/04/30	15:34:05	0.1500	37.327	68.758
2014/04/30	15:34:35	0.1583	37.384	68.965
2014/04/30	15:35:05	0.1667	37.560	69.741
2014/04/30	15:35:35	0.1750	37.718	71.094
2014/04/30	15:36:05	0.1833	37.974	72.844
2014/04/30	15:36:35	0.1917	38.264	74.851
2014/04/30	15:37:05	0.2000	39.249	76.932
2014/04/30	15:37:35	0.2083	39.539	79.189
2014/04/30	15:38:05	0.2167	39.955	81.768
2014/04/30	15:38:35	0.2250	40.418	84.783
2014/04/30	15:39:05	0.2333	48.455	89.854
2014/04/30	15:39:35	0.2417	49.639	99.842
2014/04/30	15:40:05	0.2500	49.827	103.260
2014/04/30	15:40:35	0.2583	49.854	104.475
2014/04/30	15:41:05	0.2667	49.860	104.977
2014/04/30	15:41:35	0.2750	49.894	105.204
2014/04/30	15:42:05	0.2833	49.873	105.307
2014/04/30	15:42:35	0.2917	49.885	105.382
2014/04/30	15:43:05	0.3000	49.882	105.417
2014/04/30	15:43:35	0.3083	49.873	105.438
2014/04/30	15:44:05	0.3167	49.881	105.456
2014/04/30	15:44:35	0.3250	49.881	105.474
2014/04/30	15:45:05	0.3333	49.856	105.492
2014/04/30	15:45:35	0.3417	49.880	105.496
2014/04/30	15:46:05	0.3500	49.893	105.512
2014/04/30	15:46:35	0.3583	49.923	105.523
2014/04/30	15:47:05	0.3667	49.893	105.521
2014/04/30	15:47:35	0.3750	49.934	105.537
2014/04/30	15:48:05	0.3833	49.939	105.544
2014/04/30	15:48:35	0.3917	49.933	105.543
2014/04/30	15:49:05	0.4000	49.936	105.546
2014/04/30	15:49:35	0.4083	49.944	105.552

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	15:50:05	0.4167	49.977	105.566
2014/04/30	15:50:35	0.4250	49.977	105.564
2014/04/30	15:51:05	0.4333	49.914	105.571
2014/04/30	15:51:35	0.4417	49.998	105.582
2014/04/30	15:52:05	0.4500	49.949	105.577
2014/04/30	15:52:35	0.4583	49.930	105.582
2014/04/30	15:53:05	0.4667	49.905	105.593
2014/04/30	15:53:35	0.4750	49.894	105.600
2014/04/30	15:54:05	0.4833	49.911	105.598
2014/04/30	15:54:35	0.4917	49.913	105.606
2014/04/30	15:55:05	0.5000	49.919	105.607
2014/04/30	15:55:35	0.5083	49.921	105.611
2014/04/30	15:56:05	0.5167	49.859	105.609
2014/04/30	15:56:35	0.5250	49.902	105.618
2014/04/30	15:57:05	0.5333	49.919	105.620
2014/04/30	15:57:35	0.5417	49.908	105.615
2014/04/30	15:58:05	0.5500	49.913	105.618
2014/04/30	15:58:35	0.5583	49.924	105.629
2014/04/30	15:59:05	0.5667	49.929	105.622
2014/04/30	15:59:35	0.5750	49.891	105.629
2014/04/30	16:00:05	0.5833	49.910	105.627
2014/04/30	16:00:35	0.5917	49.910	105.633
2014/04/30	16:01:05	0.6000	49.910	105.640
2014/04/30	16:01:35	0.6083	49.883	105.627
2014/04/30	16:02:05	0.6167	49.899	105.640
2014/04/30	16:02:35	0.6250	49.921	105.640
2014/04/30	16:03:05	0.6333	49.872	105.651
2014/04/30	16:03:35	0.6417	49.880	105.643
2014/04/30	16:04:05	0.6500	49.910	105.645
2014/04/30	16:04:35	0.6583	49.904	105.647
2014/04/30	16:05:05	0.6667	49.937	105.651
2014/04/30	16:05:35	0.6750	49.926	105.654
2014/04/30	16:06:05	0.6833	49.861	105.656
2014/04/30	16:06:35	0.6917	49.880	105.658
2014/04/30	16:07:05	0.7000	49.918	105.660
2014/04/30	16:07:35	0.7083	49.877	105.658
2014/04/30	16:08:05	0.7167	49.882	105.663
2014/04/30	16:08:35	0.7250	49.885	105.656
2014/04/30	16:09:05	0.7333	49.934	105.658
2014/04/30	16:09:35	0.7417	49.912	105.670
2014/04/30	16:10:05	0.7500	49.899	105.665
2014/04/30	16:10:35	0.7583	49.893	105.665
2014/04/30	16:11:05	0.7667	49.945	105.670
2014/04/30	16:11:35	0.7750	49.920	105.674
2014/04/30	16:12:05	0.7833	49.950	105.670
2014/04/30	16:12:35	0.7917	49.888	105.674
2014/04/30	16:13:05	0.8000	49.839	105.674
2014/04/30	16:13:35	0.8083	49.901	105.665
2014/04/30	16:14:05	0.8167	49.882	105.672
2014/04/30	16:14:35	0.8250	49.904	105.674

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Type of Test POOH STATIC GRADIENT
Date(s) of Test 4/30/14

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	16:15:05	0.8333	49.904	105.669
2014/04/30	16:15:35	0.8417	49.896	105.678
2014/04/30	16:16:05	0.8500	49.871	105.678
2014/04/30	16:16:35	0.8583	49.874	105.679
2014/04/30	16:17:05	0.8667	49.869	105.672
2014/04/30	16:17:35	0.8750	49.866	105.681
2014/04/30	16:18:05	0.8833	49.866	105.685
2014/04/30	16:18:35	0.8917	49.868	105.681
2014/04/30	16:19:05	0.9000	49.906	105.681
2014/04/30	16:19:35	0.9083	49.912	105.685
2014/04/30	16:20:05	0.9167	49.885	105.679
2014/04/30	16:20:35	0.9250	49.909	105.694
2014/04/30	16:21:05	0.9333	49.915	105.688
2014/04/30	16:21:35	0.9417	49.885	105.690
2014/04/30	16:22:05	0.9500	49.877	105.687
2014/04/30	16:22:35	0.9583	49.806	105.690
2014/04/30	16:23:05	0.9667	49.822	105.688
2014/04/30	16:23:35	0.9750	49.877	105.690
2014/04/30	16:24:05	0.9833	49.844	105.687
2014/04/30	16:24:35	0.9917	49.887	105.688
2014/04/30	16:25:05	1.0000	49.895	105.701
2014/04/30	16:25:35	1.0083	49.876	105.694
2014/04/30	16:26:05	1.0167	49.901	105.701
2014/04/30	16:26:35	1.0250	49.847	105.688
2014/04/30	16:27:05	1.0333	49.847	105.681
2014/04/30	16:27:35	1.0417	49.871	105.699
2014/04/30	16:28:05	1.0500	49.857	105.703
2014/04/30	16:28:35	1.0583	49.901	105.699
2014/04/30	16:29:05	1.0667	49.914	105.696
2014/04/30	16:29:35	1.0750	49.890	105.697
2014/04/30	16:30:05	1.0833	49.847	105.690
2014/04/30	16:30:35	1.0917	49.882	105.688
2014/04/30	16:31:05	1.1000	49.876	105.703
2014/04/30	16:31:35	1.1083	49.884	105.701
2014/04/30	16:32:05	1.1167	49.882	105.696
2014/04/30	16:32:35	1.1250	49.884	105.705
2014/04/30	16:33:05	1.1333	49.890	105.703
2014/04/30	16:33:35	1.1417	49.871	105.694
2014/04/30	16:34:05	1.1500	49.925	105.703
2014/04/30	16:34:35	1.1583	49.855	105.699
2014/04/30	16:35:05	1.1667	49.863	105.703
2014/04/30	16:35:35	1.1750	49.860	105.697
2014/04/30	16:36:05	1.1833	49.811	105.699
2014/04/30	16:36:35	1.1917	49.911	105.708
2014/04/30	16:37:05	1.2000	49.860	105.708
2014/04/30	16:37:35	1.2083	49.871	105.712
2014/04/30	16:38:05	1.2167	49.887	105.710
2014/04/30	16:38:35	1.2250	49.876	105.705
2014/04/30	16:39:05	1.2333	49.833	105.705
POOH Gradient: 3083.000 ft				

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	16:39:35	1.2417	49.884	105.703
2014/04/30	16:40:05	1.2500	41.068	105.561
2014/04/30	16:40:35	1.2583	41.049	105.474
2014/04/30	16:41:05	1.2667	41.060	105.442
2014/04/30	16:41:35	1.2750	41.045	105.400
2014/04/30	16:42:05	1.2833	41.051	105.382
2014/04/30	16:42:35	1.2917	41.047	105.350
2014/04/30	16:43:05	1.3000	41.055	105.336
2014/04/30	16:43:35	1.3083	41.056	105.321
2014/04/30	16:44:05	1.3167	41.059	105.298
2014/04/30	16:44:35	1.3250	41.054	105.292
2014/04/30	16:45:05	1.3333	41.068	105.274
POOH Gradient: 3000.000 ft				
2014/04/30	16:45:15	1.3361	41.052	105.280
2014/04/30	16:45:35	1.3417	40.895	105.260
2014/04/30	16:46:05	1.3500	40.624	105.084
2014/04/30	16:46:35	1.3583	40.395	104.668
2014/04/30	16:47:05	1.3667	40.203	104.160
2014/04/30	16:47:35	1.3750	40.212	103.626
2014/04/30	16:48:05	1.3833	40.195	103.057
2014/04/30	16:48:35	1.3917	40.157	102.495
2014/04/30	16:49:05	1.4000	40.128	101.989
2014/04/30	16:49:35	1.4083	40.130	101.547
2014/04/30	16:50:05	1.4167	40.109	101.131
2014/04/30	16:50:35	1.4250	40.093	100.753
2014/04/30	16:51:05	1.4333	40.049	100.387
2014/04/30	16:51:35	1.4417	40.056	100.060
POOH Gradient: 2500.000 ft				
2014/04/30	16:52:05	1.4500	40.051	99.741
2014/04/30	16:52:35	1.4583	39.850	99.412
2014/04/30	16:53:05	1.4667	39.613	98.991
2014/04/30	16:53:35	1.4750	39.362	98.460
2014/04/30	16:54:05	1.4833	39.184	97.923
2014/04/30	16:54:35	1.4917	39.195	97.437
2014/04/30	16:55:05	1.5000	39.194	96.984
2014/04/30	16:55:35	1.5083	39.175	96.541
2014/04/30	16:56:05	1.5167	39.165	96.120
2014/04/30	16:56:35	1.5250	39.128	95.725
2014/04/30	16:57:05	1.5333	39.112	95.331
2014/04/30	16:57:35	1.5417	39.123	94.962
2014/04/30	16:58:05	1.5500	39.106	94.595
2014/04/30	16:58:35	1.5583	39.076	94.231
2014/04/30	16:59:05	1.5667	39.078	93.891
POOH Gradient: 2000.000 ft				
2014/04/30	16:59:10	1.5681	39.073	93.823
2014/04/30	16:59:35	1.5750	38.863	93.484
2014/04/30	17:00:05	1.5833	38.540	92.952
2014/04/30	17:00:35	1.5917	38.290	92.235
2014/04/30	17:01:05	1.6000	38.250	91.567
2014/04/30	17:01:35	1.6083	38.226	90.948

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Type of Test POOH STATIC GRADIENT
Date(s) of Test 4/30/14

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	17:02:05	1.6167	38.192	90.338
2014/04/30	17:02:35	1.6250	38.188	89.775
2014/04/30	17:03:05	1.6333	38.167	89.231
2014/04/30	17:03:35	1.6417	38.170	88.747
2014/04/30	17:04:05	1.6500	38.145	88.263
2014/04/30	17:04:35	1.6583	38.129	87.791
2014/04/30	17:05:05	1.6667	38.121	87.346
2014/04/30	17:05:35	1.6750	38.096	86.918
POOH Gradient: 1500.000 ft				
2014/04/30	17:05:50	1.6792	38.110	86.704
2014/04/30	17:06:05	1.6833	38.086	86.493
2014/04/30	17:06:35	1.6917	37.867	86.049
2014/04/30	17:07:05	1.7000	37.655	85.480
2014/04/30	17:07:35	1.7083	37.334	84.789
2014/04/30	17:08:05	1.7167	37.274	83.946
2014/04/30	17:08:35	1.7250	37.232	83.070
2014/04/30	17:09:05	1.7333	37.230	82.220
2014/04/30	17:09:35	1.7417	37.210	81.412
2014/04/30	17:10:05	1.7500	37.198	80.663
2014/04/30	17:10:35	1.7583	37.171	79.952
2014/04/30	17:11:05	1.7667	37.174	79.291
2014/04/30	17:11:35	1.7750	37.156	78.661
2014/04/30	17:12:05	1.7833	37.144	78.071
2014/04/30	17:12:35	1.7917	37.138	77.524
POOH Gradient: 1000.000 ft				
2014/04/30	17:13:00	1.7986	37.116	77.097
2014/04/30	17:13:05	1.8000	37.067	77.004
2014/04/30	17:13:35	1.8083	36.901	76.518
2014/04/30	17:14:05	1.8167	36.637	75.972
2014/04/30	17:14:35	1.8250	36.406	75.193
2014/04/30	17:15:05	1.8333	36.338	74.359
2014/04/30	17:15:35	1.8417	36.302	73.659
2014/04/30	17:16:05	1.8500	36.288	73.011
2014/04/30	17:16:35	1.8583	36.281	72.383
2014/04/30	17:17:05	1.8667	36.272	71.767
2014/04/30	17:17:35	1.8750	36.266	71.175
2014/04/30	17:18:05	1.8833	36.243	70.606
2014/04/30	17:18:35	1.8917	36.248	70.059
2014/04/30	17:19:05	1.9000	36.212	69.537
2014/04/30	17:19:35	1.9083	36.214	69.033
POOH Gradient: 500.000 ft				
2014/04/30	17:20:00	1.9153	36.221	68.637
2014/04/30	17:20:05	1.9167	36.216	68.567
2014/04/30	17:20:35	1.9250	36.019	68.097
2014/04/30	17:21:05	1.9333	35.831	67.588
2014/04/30	17:21:35	1.9417	35.635	67.086
2014/04/30	17:22:05	1.9500	35.479	66.587
2014/04/30	17:22:35	1.9583	35.445	66.204
2014/04/30	17:23:05	1.9667	35.430	66.006
2014/04/30	17:23:35	1.9750	35.425	65.867

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	17:24:05	1.9833	35.431	65.728
2014/04/30	17:24:35	1.9917	35.443	65.613
2014/04/30	17:25:05	2.0000	35.422	65.496
2014/04/30	17:25:35	2.0083	35.403	65.374
2014/04/30	17:26:05	2.0167	35.403	65.248
2014/04/30	17:26:35	2.0250	35.415	65.133
2014/04/30	17:27:05	2.0333	35.421	65.028
2014/04/30	17:27:35	2.0417	35.409	64.927
2014/04/30	17:28:05	2.0500	35.396	64.857
POOH Gradient: 0.000 ft				
2014/04/30	17:28:20	2.0542	35.410	64.846
2014/04/30	17:28:35	2.0583	18.114	64.843
2014/04/30	17:29:05	2.0667	0.000	64.688
2014/04/30	17:29:35	2.0750	0.000	64.620
2014/04/30	17:30:05	2.0833	0.000	64.573
2014/04/30	17:30:35	2.0917	0.000	64.148
2014/04/30	17:31:05	2.1000	0.000	63.792
2014/04/30	17:31:35	2.1083	0.000	63.837
2014/04/30	17:32:05	2.1167	0.000	63.930
2014/04/30	17:32:35	2.1250	0.000	64.107
2014/04/30	17:33:05	2.1333	0.000	64.308
2014/04/30	17:33:35	2.1417	0.000	64.490
2014/04/30	17:34:05	2.1500	0.000	64.747
2014/04/30	17:34:35	2.1583	0.000	65.001
2014/04/30	17:35:05	2.1667	0.000	65.275
2014/04/30	17:35:35	2.1750	0.000	65.512
2014/04/30	17:36:05	2.1833	0.000	65.687
2014/04/30	17:36:35	2.1917	0.000	65.844
2014/04/30	17:37:05	2.2000	0.000	65.971
2014/04/30	17:37:35	2.2083	0.000	65.993
2014/04/30	17:38:05	2.2167	0.000	66.024
2014/04/30	17:38:35	2.2250	0.000	66.025
2014/04/30	17:39:05	2.2333	0.000	66.220
2014/04/30	17:39:35	2.2417	0.000	66.326
2014/04/30	17:40:05	2.2500	0.000	66.385
2014/04/30	17:40:35	2.2583	0.000	66.591
2014/04/30	17:41:05	2.2667	0.000	66.808
2014/04/30	17:41:35	2.2750	0.000	66.972
2014/04/30	17:42:05	2.2833	0.000	67.114
2014/04/30	17:42:35	2.2917	0.000	67.305
2014/04/30	17:43:05	2.3000	0.000	68.167
2014/04/30	17:43:35	2.3083	0.000	69.021