

OIL CONS. DIV DIST. 3

MAY 20 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 1
Well Location	T30N, R7W, SEC. 24
Field and Pool	FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	2484-3027
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	6118
Plug Back Total Depth	3075
Total Depth	3080
Production Casing	5 1/2 TO 3080
Production Tubing	2 3/8 TO 75

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/8/15
Dead-weight Gauge Tubing Pressure	40
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/8/15 @ 0855 HRS
Date / Time off Bottom	5/8/15 @ 0955 HRS
Probe Serial Number	5433
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	2936

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	36.8 psig
Maximum Recorded Probe Temperature	109.9 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	34987WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 30-6 UNIT 1
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/8/15

PROBE INFORMATION

Probe Serial Number	5433
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 1
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/8/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 GR TO 2940'-SET DOWN-RAN TANDEM BHP GAUGES TO 2936'-SET 1 HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
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Pressure vs. Depth

Probe Serial Number 5433

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
0855	0955	2936.000	36.316	-	109.848	-
0955	1000	2500.000	31.870	0.0102	105.579	0.0098
1000	1005	2000.000	31.342	0.0011	98.519	0.0141
1005	1010	1500.000	30.834	0.0010	93.886	0.0093
1010	1015	1000.000	30.487	0.0007	86.360	0.0151
1015	1020	500.000	30.025	0.0009	79.299	0.0141
1020	1025	0.000	29.610	0.0008	76.761	0.0051

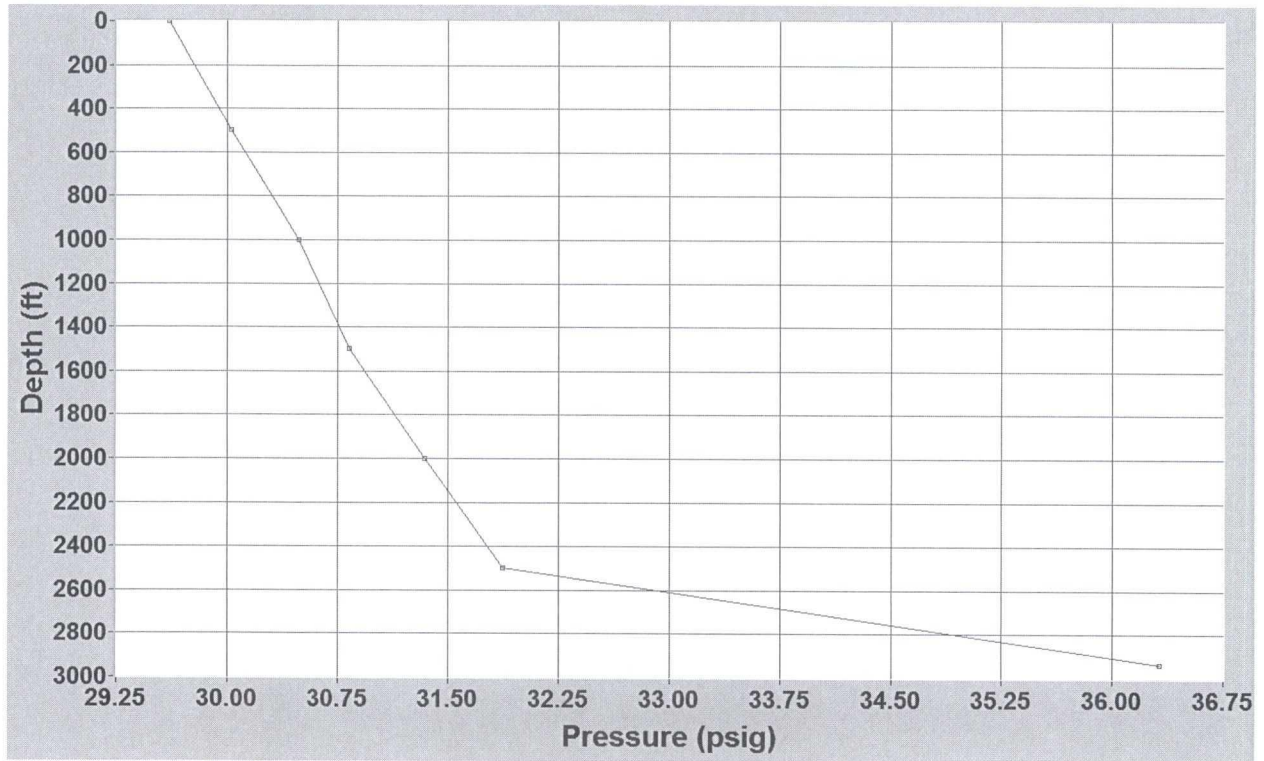
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

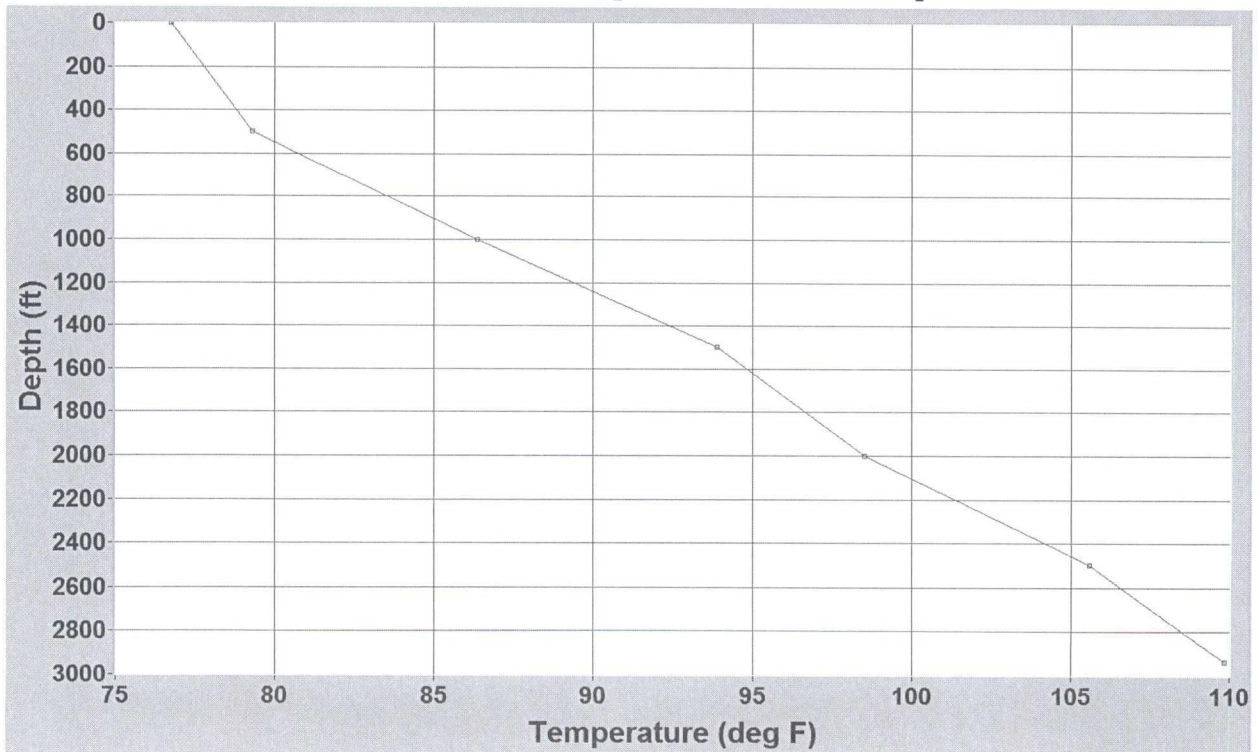
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT 1
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/8/15

Probe Serial Number 5433

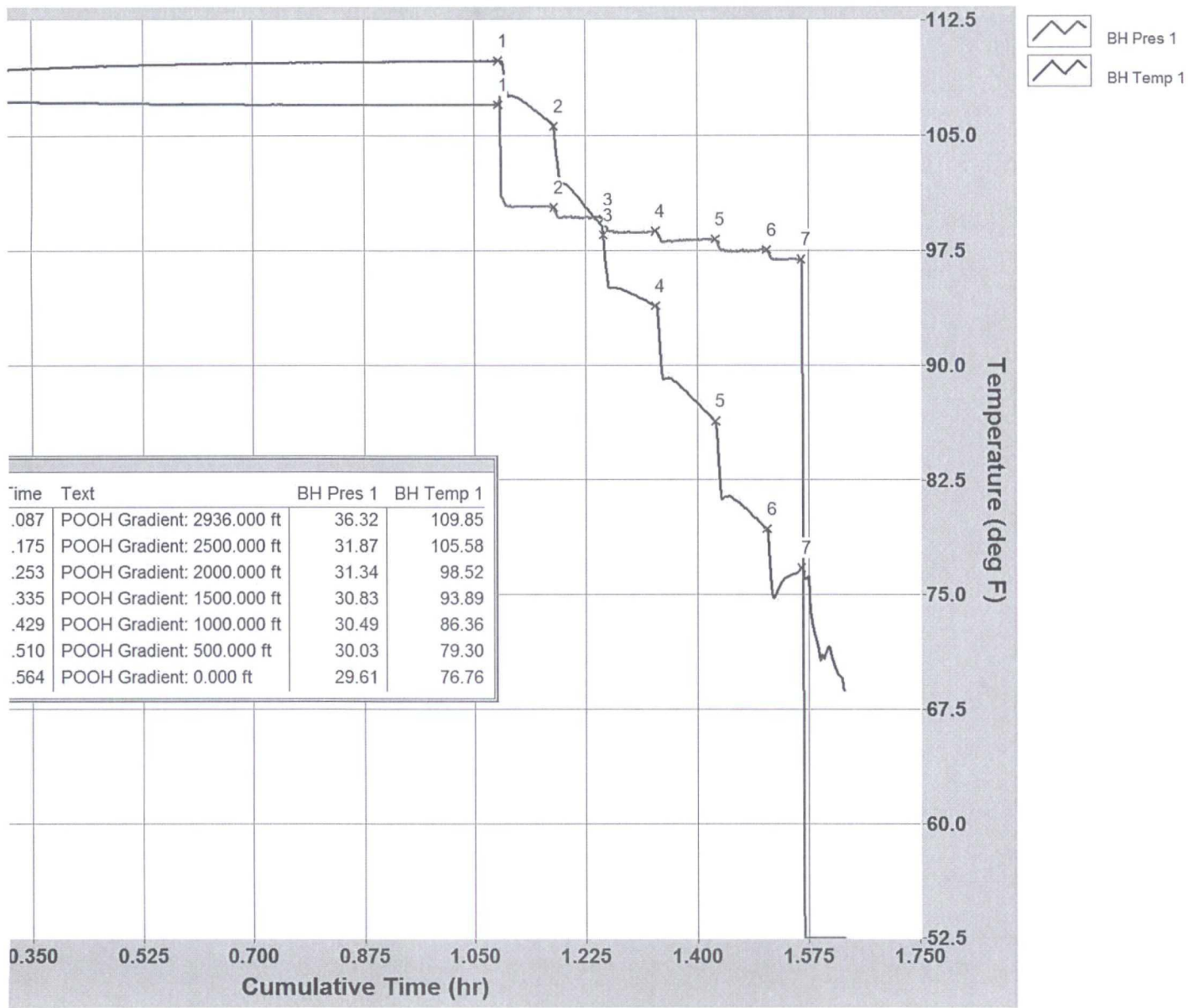
POOH Gradient Depth vs. Pressure



POOH Gradient Depth vs. Temperature



San Juan 30-6 Unit 1



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT 1
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/8/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	08:50:05	0.0000	0.000	59.799
2015/05/08	08:50:35	0.0083	0.000	59.308
2015/05/08	08:51:05	0.0167	0.000	58.935
2015/05/08	08:51:35	0.0250	0.000	58.033
2015/05/08	08:52:05	0.0333	0.000	57.942
2015/05/08	08:52:35	0.0417	30.200	60.444
2015/05/08	08:53:05	0.0500	30.268	61.129
2015/05/08	08:53:35	0.0583	30.433	61.237
2015/05/08	08:54:05	0.0667	30.608	61.437
2015/05/08	08:54:35	0.0750	30.800	62.321
2015/05/08	08:55:05	0.0833	31.069	64.146
2015/05/08	08:55:35	0.0917	31.357	66.709
2015/05/08	08:56:05	0.1000	31.723	70.453
2015/05/08	08:56:35	0.1083	31.985	75.258
2015/05/08	08:57:05	0.1167	32.355	81.324
2015/05/08	08:57:35	0.1250	32.816	90.102
2015/05/08	08:58:05	0.1333	36.756	108.284
2015/05/08	08:58:35	0.1417	36.587	108.649
2015/05/08	08:59:05	0.1500	36.535	108.676
2015/05/08	08:59:35	0.1583	36.456	108.795
2015/05/08	09:00:05	0.1667	36.464	108.901
2015/05/08	09:00:35	0.1750	36.388	109.004
2015/05/08	09:01:05	0.1833	36.346	108.988
2015/05/08	09:01:35	0.1917	36.343	108.948
2015/05/08	09:02:05	0.2000	36.381	109.078
2015/05/08	09:02:35	0.2083	36.360	109.108
2015/05/08	09:03:05	0.2167	36.375	109.101
2015/05/08	09:03:35	0.2250	36.388	109.108
2015/05/08	09:04:05	0.2333	36.418	109.090
2015/05/08	09:04:35	0.2417	36.444	109.152
2015/05/08	09:05:05	0.2500	36.460	109.182
2015/05/08	09:05:35	0.2583	36.439	109.213
2015/05/08	09:06:05	0.2667	36.422	109.216
2015/05/08	09:06:35	0.2750	36.433	109.215
2015/05/08	09:07:05	0.2833	36.439	109.222
2015/05/08	09:07:35	0.2917	36.450	109.247
2015/05/08	09:08:05	0.3000	36.455	109.288
2015/05/08	09:08:35	0.3083	36.449	109.299
2015/05/08	09:09:05	0.3167	36.448	109.326
2015/05/08	09:09:35	0.3250	36.445	109.324
2015/05/08	09:10:05	0.3333	36.449	109.357
2015/05/08	09:10:35	0.3417	36.471	109.364
2015/05/08	09:11:05	0.3500	36.446	109.369
2015/05/08	09:11:35	0.3583	36.445	109.405
2015/05/08	09:12:05	0.3667	36.433	109.398
2015/05/08	09:12:35	0.3750	36.439	109.407
2015/05/08	09:13:05	0.3833	36.427	109.423
2015/05/08	09:13:35	0.3917	36.422	109.443
2015/05/08	09:14:05	0.4000	36.422	109.443
2015/05/08	09:14:35	0.4083	36.417	109.452

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	09:15:05	0.4167	36.424	109.474
2015/05/08	09:15:35	0.4250	36.419	109.467
2015/05/08	09:16:05	0.4333	36.414	109.467
2015/05/08	09:16:35	0.4417	36.416	109.497
2015/05/08	09:17:05	0.4500	36.415	109.515
2015/05/08	09:17:35	0.4583	36.407	109.531
2015/05/08	09:18:05	0.4667	36.403	109.517
2015/05/08	09:18:35	0.4750	36.401	109.539
2015/05/08	09:19:05	0.4833	36.397	109.549
2015/05/08	09:19:35	0.4917	36.390	109.548
2015/05/08	09:20:05	0.5000	36.382	109.562
2015/05/08	09:20:35	0.5083	36.385	109.569
2015/05/08	09:21:05	0.5167	36.386	109.576
2015/05/08	09:21:35	0.5250	36.385	109.585
2015/05/08	09:22:05	0.5333	36.378	109.585
2015/05/08	09:22:35	0.5417	36.371	109.603
2015/05/08	09:23:05	0.5500	36.364	109.598
2015/05/08	09:23:35	0.5583	36.362	109.612
2015/05/08	09:24:05	0.5667	36.362	109.614
2015/05/08	09:24:35	0.5750	36.364	109.625
2015/05/08	09:25:05	0.5833	36.370	109.648
2015/05/08	09:25:35	0.5917	36.366	109.641
2015/05/08	09:26:05	0.6000	36.365	109.638
2015/05/08	09:26:35	0.6083	36.365	109.650
2015/05/08	09:27:05	0.6167	36.361	109.654
2015/05/08	09:27:35	0.6250	36.354	109.663
2015/05/08	09:28:05	0.6333	36.356	109.670
2015/05/08	09:28:35	0.6417	36.349	109.674
2015/05/08	09:29:05	0.6500	36.364	109.672
2015/05/08	09:29:35	0.6583	36.354	109.695
2015/05/08	09:30:05	0.6667	36.353	109.684
2015/05/08	09:30:35	0.6750	36.359	109.702
2015/05/08	09:31:05	0.6833	36.349	109.699
2015/05/08	09:31:35	0.6917	36.328	109.699
2015/05/08	09:32:05	0.7000	36.321	109.692
2015/05/08	09:32:35	0.7083	36.332	109.708
2015/05/08	09:33:05	0.7167	36.334	109.715
2015/05/08	09:33:35	0.7250	36.331	109.713
2015/05/08	09:34:05	0.7333	36.340	109.728
2015/05/08	09:34:35	0.7417	36.336	109.729
2015/05/08	09:35:05	0.7500	36.333	109.719
2015/05/08	09:35:35	0.7583	36.336	109.729
2015/05/08	09:36:05	0.7667	36.329	109.738
2015/05/08	09:36:35	0.7750	36.335	109.740
2015/05/08	09:37:05	0.7833	36.330	109.735
2015/05/08	09:37:35	0.7917	36.330	109.751
2015/05/08	09:38:05	0.8000	36.330	109.742
2015/05/08	09:38:35	0.8083	36.327	109.735
2015/05/08	09:39:05	0.8167	36.326	109.758
2015/05/08	09:39:35	0.8250	36.320	109.755

Company Name CONOCOPHILLIPS
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Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/8/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	09:40:05	0.8333	36.332	109.773
2015/05/08	09:40:35	0.8417	36.327	109.769
2015/05/08	09:41:05	0.8500	36.330	109.767
2015/05/08	09:41:35	0.8583	36.327	109.773
2015/05/08	09:42:05	0.8667	36.327	109.783
2015/05/08	09:42:35	0.8750	36.323	109.776
2015/05/08	09:43:05	0.8833	36.317	109.776
2015/05/08	09:43:35	0.8917	36.317	109.783
2015/05/08	09:44:05	0.9000	36.319	109.783
2015/05/08	09:44:35	0.9083	36.322	109.785
2015/05/08	09:45:05	0.9167	36.322	109.798
2015/05/08	09:45:35	0.9250	36.327	109.807
2015/05/08	09:46:05	0.9333	36.321	109.798
2015/05/08	09:46:35	0.9417	36.317	109.801
2015/05/08	09:47:05	0.9500	36.320	109.807
2015/05/08	09:47:35	0.9583	36.310	109.807
2015/05/08	09:48:05	0.9667	36.313	109.809
2015/05/08	09:48:35	0.9750	36.323	109.818
2015/05/08	09:49:05	0.9833	36.316	109.810
2015/05/08	09:49:35	0.9917	36.310	109.812
2015/05/08	09:50:05	1.0000	36.306	109.818
2015/05/08	09:50:35	1.0083	36.318	109.830
2015/05/08	09:51:05	1.0167	36.312	109.818
2015/05/08	09:51:35	1.0250	36.308	109.827
2015/05/08	09:52:05	1.0333	36.314	109.832
2015/05/08	09:52:35	1.0417	36.313	109.834
2015/05/08	09:53:05	1.0500	36.313	109.830
2015/05/08	09:53:35	1.0583	36.316	109.837
2015/05/08	09:54:05	1.0667	36.316	109.839
2015/05/08	09:54:35	1.0750	36.312	109.841
2015/05/08	09:55:05	1.0833	36.309	109.841
POOH Gradient: 2936.000 ft				
2015/05/08	09:55:20	1.0875	36.316	109.848
2015/05/08	09:55:35	1.0917	32.417	109.819
2015/05/08	09:56:05	1.1000	31.953	108.360
2015/05/08	09:56:35	1.1083	31.907	107.548
2015/05/08	09:57:05	1.1167	31.916	107.474
2015/05/08	09:57:35	1.1250	31.915	107.276
2015/05/08	09:58:05	1.1333	31.910	107.035
2015/05/08	09:58:35	1.1417	31.901	106.756
2015/05/08	09:59:05	1.1500	31.921	106.491
2015/05/08	09:59:35	1.1583	31.925	106.225
2015/05/08	10:00:05	1.1667	31.920	105.957
POOH Gradient: 2500.000 ft				
2015/05/08	10:00:35	1.1750	31.870	105.579
2015/05/08	10:01:05	1.1833	31.404	102.223
2015/05/08	10:01:35	1.1917	31.472	101.880
2015/05/08	10:02:05	1.2000	31.456	101.628
2015/05/08	10:02:35	1.2083	31.438	101.230
2015/05/08	10:03:05	1.2167	31.411	100.821

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	10:03:35	1.2250	31.429	100.335
2015/05/08	10:04:05	1.2333	31.410	99.939
2015/05/08	10:04:35	1.2417	31.451	99.531
2015/05/08	10:05:05	1.2500	31.435	99.136
POOH Gradient: 2000.000 ft				
2015/05/08	10:05:15	1.2528	31.342	98.519
2015/05/08	10:05:35	1.2583	30.945	95.808
2015/05/08	10:06:05	1.2667	30.846	95.072
2015/05/08	10:06:35	1.2750	30.809	95.043
2015/05/08	10:07:05	1.2833	30.783	94.951
2015/05/08	10:07:35	1.2917	30.800	94.791
2015/05/08	10:08:05	1.3000	30.767	94.651
2015/05/08	10:08:35	1.3083	30.781	94.442
2015/05/08	10:09:05	1.3167	30.798	94.302
2015/05/08	10:09:35	1.3250	30.801	94.105
2015/05/08	10:10:05	1.3333	30.830	93.924
POOH Gradient: 1500.000 ft				
2015/05/08	10:10:10	1.3347	30.834	93.886
2015/05/08	10:10:35	1.3417	30.590	91.090
2015/05/08	10:11:05	1.3500	30.369	89.087
2015/05/08	10:11:35	1.3583	30.404	89.116
2015/05/08	10:12:05	1.3667	30.413	88.894
2015/05/08	10:12:35	1.3750	30.438	88.556
2015/05/08	10:13:05	1.3833	30.448	88.241
2015/05/08	10:13:35	1.3917	30.455	87.888
2015/05/08	10:14:05	1.4000	30.462	87.566
2015/05/08	10:14:35	1.4083	30.460	87.208
2015/05/08	10:15:05	1.4167	30.485	86.882
2015/05/08	10:15:35	1.4250	30.454	86.500
POOH Gradient: 1000.000 ft				
2015/05/08	10:15:50	1.4292	30.487	86.360
2015/05/08	10:16:05	1.4333	30.228	83.833
2015/05/08	10:16:35	1.4417	30.012	81.298
2015/05/08	10:17:05	1.4500	29.968	81.453
2015/05/08	10:17:35	1.4583	29.966	81.252
2015/05/08	10:18:05	1.4667	29.955	81.007
2015/05/08	10:18:35	1.4750	29.953	80.676
2015/05/08	10:19:05	1.4833	29.961	80.366
2015/05/08	10:19:35	1.4917	29.969	80.029
2015/05/08	10:20:05	1.5000	30.013	79.687
2015/05/08	10:20:35	1.5083	30.017	79.338
POOH Gradient: 500.000 ft				
2015/05/08	10:20:40	1.5097	30.025	79.299
2015/05/08	10:21:05	1.5167	29.690	75.601
2015/05/08	10:21:35	1.5250	29.616	75.202
2015/05/08	10:22:05	1.5333	29.591	75.823
2015/05/08	10:22:35	1.5417	29.601	76.158
2015/05/08	10:23:05	1.5500	29.632	76.320
2015/05/08	10:23:35	1.5583	29.599	76.465
POOH Gradient: 0.000 ft				

Company Name CONOCOPHILLIPS
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Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/8/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	10:23:55	1.5639	29.610	76.761
2015/05/08	10:24:05	1.5667	19.751	76.777
2015/05/08	10:24:35	1.5750	0.000	76.213
2015/05/08	10:25:05	1.5833	0.000	72.763
2015/05/08	10:25:35	1.5917	0.000	71.076
2015/05/08	10:26:05	1.6000	0.000	70.763
2015/05/08	10:26:35	1.6083	0.000	71.465
2015/05/08	10:27:05	1.6167	0.000	70.241
2015/05/08	10:27:35	1.6250	0.000	69.640