

Pressure Test Report

COMPANY INFORMATION

Company Name	CONOCOPHILLIPS
Representative	PRISCILLA SHORTY
Phone	
Fax	
Address	

OIL CONS. DIV DIST. 3

E-Mail Address
Service Company

PHOENIX SERVICES

MAY 18 2015

WELL INFORMATION

Well Name	SAN JUAN 31-6 UNIT 205
Well Location	T30N, R6W, SEC. 4
Field and Pool	BASIN FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	2148-3208
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	13
Casing Flange (CF)	
KB-CF	
Ground Level	6441
Plug Back Total Depth	3282
Total Depth	3282
Production Casing	5 1/2 TO 3282
Production Tubing	2 3/8 TO 3198

TEST INFORMATION

Type of Test	POOH GRADIENT
Date(s) of Test	5/7/15
Dead-weight Gauge Tubing Pressure	90
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/7/15 @ 1355 HRS
Date / Time off Bottom	5/7/15 @ 1455 HRS
Probe Serial Number	W1151
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3214

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	99.7 psig
Maximum Recorded Probe Temperature	110.1 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	34968WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 31-6 UNIT 205
Type of Test	POOH GRADIENT
Date(s) of Test	5/7/15

PROBE INFORMATION

Probe Serial Number W1151

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>
-------------	--------------------	---------------	-----------------	----------------

Program Start Time

Program End Time

Total Samples Taken

Usage for this Test

Generic Data File Name

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 31-6 UNIT 205
Type of Test	POOH GRADIENT
Date(s) of Test	5/7/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 GR TO 3220'-POOH-RAN TANDEM BHP GAUGES TO 3214'-SET 1 HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 31-6 UNIT 205
Type of Test	POOH GRADIENT
Date(s) of Test	5/7/15

Pressure vs. Depth

Probe Serial Number W1151

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1355	1455	3214.000	99.454	-	110.118	-
1455	1500	3000.000	99.178	0.0013	108.907	0.0057
1500	1505	2500.000	97.889	0.0026	104.342	0.0091
1505	1510	2000.000	96.614	0.0025	97.187	0.0143
1510	1515	1500.000	95.412	0.0024	86.630	0.0211
1515	1520	1000.000	94.151	0.0025	78.192	0.0169
1520	1525	500.000	92.897	0.0025	72.068	0.0122
1525	1530	0.000	91.506	0.0028	69.354	0.0054

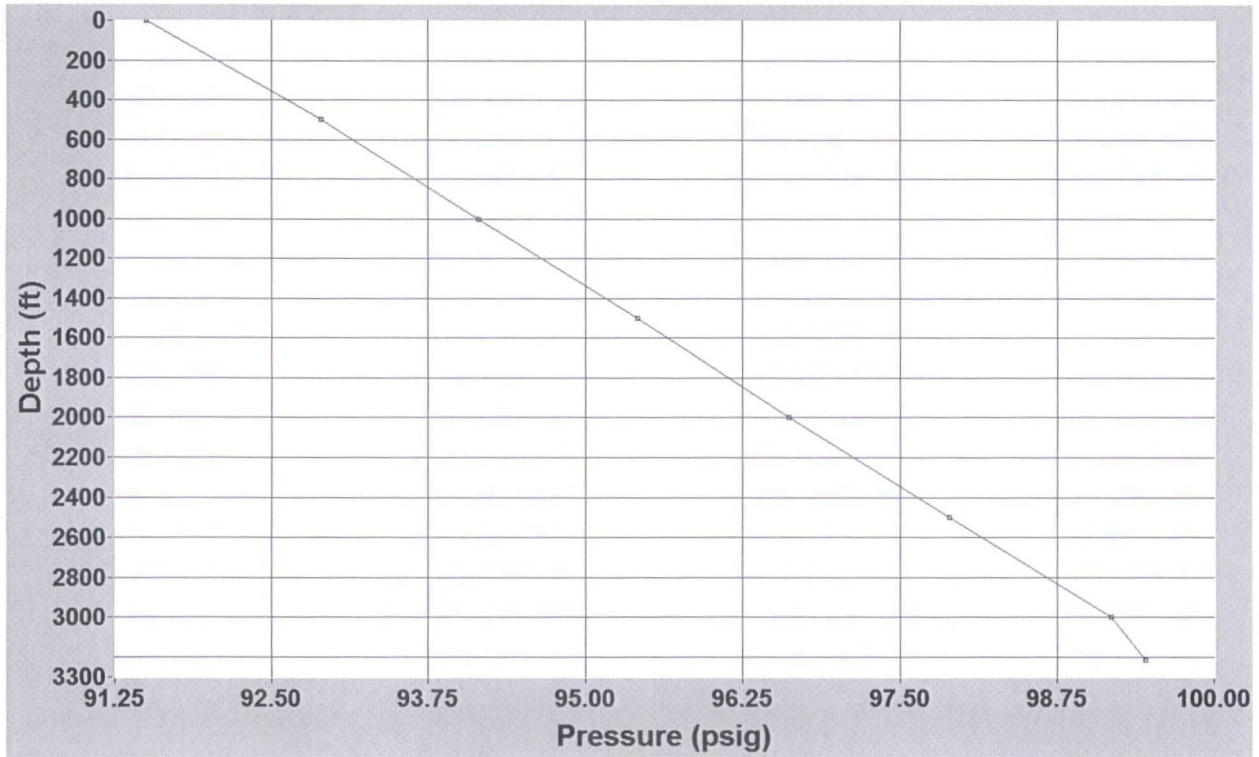
Extrapolated to MPP:

	(ft)	(psig)	(deg F)
	0.000		

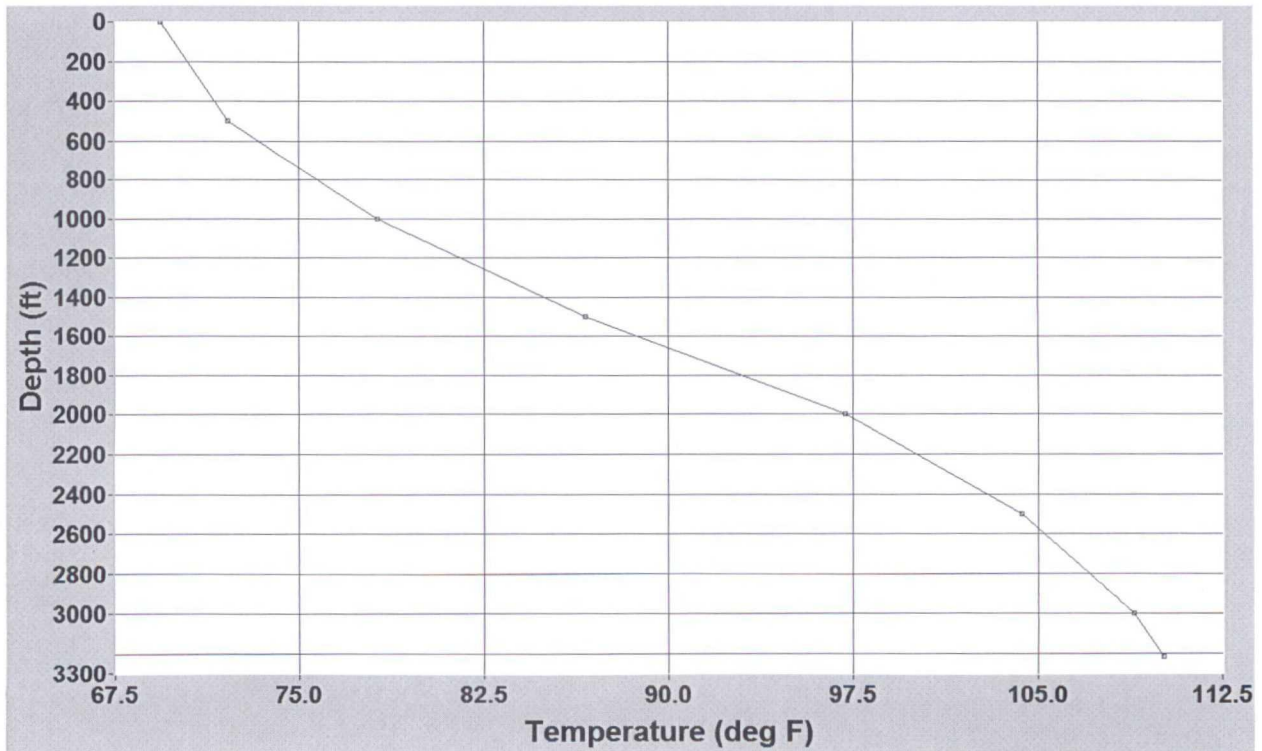
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 205
Type of Test POOH GRADIENT
Date(s) of Test 5/7/15

Probe Serial Number W1151

POOH Gradient Depth vs. Pressure

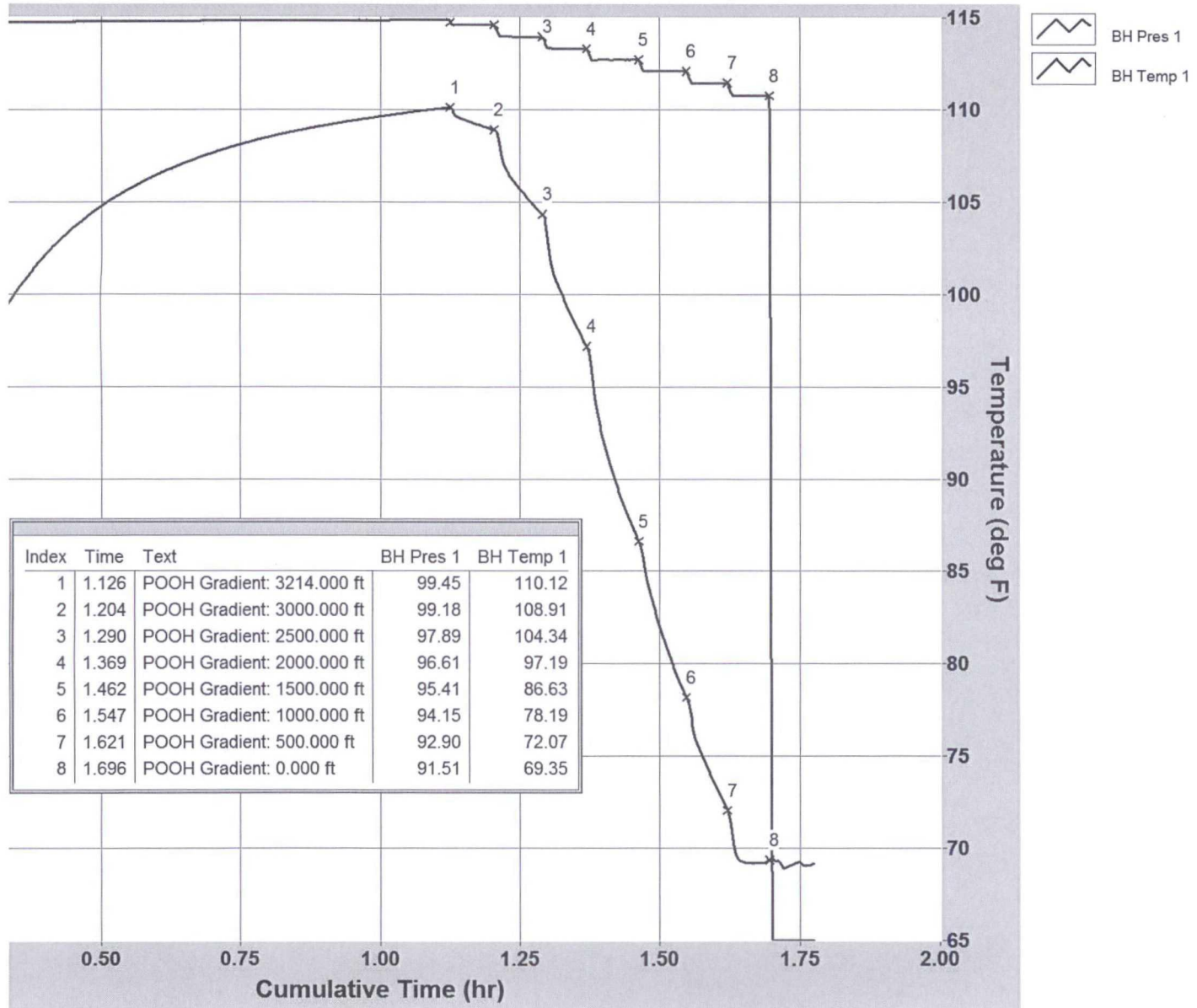


POOH Gradient Depth vs. Temperature



iy Name CONOCOPHILLIPS
 me . SAN JUAN 31-6 UNIT 205
 Test POOH GRADIENT
 of Test 5/7/15

San Juan 31-6 Unit #205



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 205
Type of Test POOH GRADIENT
Date(s) of Test 5/7/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/07	13:47:05	0.0000	0.000	73.560
2015/05/07	13:47:35	0.0083	0.000	73.942
2015/05/07	13:48:05	0.0167	0.000	74.910
2015/05/07	13:48:35	0.0250	0.000	75.222
2015/05/07	13:49:05	0.0333	0.000	75.382
2015/05/07	13:49:35	0.0417	86.521	75.780
2015/05/07	13:50:05	0.0500	0.000	75.877
2015/05/07	13:50:35	0.0583	0.000	75.648
2015/05/07	13:51:05	0.0667	0.000	75.618
2015/05/07	13:51:35	0.0750	0.000	75.610
2015/05/07	13:52:05	0.0833	0.000	75.610
2015/05/07	13:52:35	0.0917	0.000	75.607
2015/05/07	13:53:05	0.1000	90.687	75.929
2015/05/07	13:53:35	0.1083	91.450	72.223
2015/05/07	13:54:05	0.1167	92.253	68.108
2015/05/07	13:54:35	0.1250	93.394	66.585
2015/05/07	13:55:05	0.1333	94.358	66.556
2015/05/07	13:55:35	0.1417	95.357	67.892
2015/05/07	13:56:05	0.1500	96.503	70.795
2015/05/07	13:56:35	0.1583	97.761	75.250
2015/05/07	13:57:05	0.1667	98.850	81.221
2015/05/07	13:57:35	0.1750	99.215	87.179
2015/05/07	13:58:05	0.1833	99.279	89.676
2015/05/07	13:58:35	0.1917	99.292	90.727
2015/05/07	13:59:05	0.2000	99.333	91.481
2015/05/07	13:59:35	0.2083	99.353	92.138
2015/05/07	14:00:05	0.2167	99.349	92.761
2015/05/07	14:00:35	0.2250	99.355	93.355
2015/05/07	14:01:05	0.2333	99.352	93.933
2015/05/07	14:01:35	0.2417	99.389	94.474
2015/05/07	14:02:05	0.2500	99.397	95.005
2015/05/07	14:02:35	0.2583	99.392	95.527
2015/05/07	14:03:05	0.2667	99.385	96.021
2015/05/07	14:03:35	0.2750	99.381	96.507
2015/05/07	14:04:05	0.2833	99.419	96.976
2015/05/07	14:04:35	0.2917	99.423	97.432
2015/05/07	14:05:05	0.3000	99.420	97.858
2015/05/07	14:05:35	0.3083	99.422	98.274
2015/05/07	14:06:05	0.3167	99.424	98.681
2015/05/07	14:06:35	0.3250	99.425	99.081
2015/05/07	14:07:05	0.3333	99.434	99.478
2015/05/07	14:07:35	0.3417	99.439	99.851
2015/05/07	14:08:05	0.3500	99.445	100.211
2015/05/07	14:08:35	0.3583	99.442	100.549
2015/05/07	14:09:05	0.3667	99.449	100.877
2015/05/07	14:09:35	0.3750	99.450	101.201
2015/05/07	14:10:05	0.3833	99.451	101.523
2015/05/07	14:10:35	0.3917	99.452	101.824
2015/05/07	14:11:05	0.4000	99.457	102.114
2015/05/07	14:11:35	0.4083	99.475	102.384

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/07	14:12:05	0.4167	99.475	102.645
2015/05/07	14:12:35	0.4250	99.474	102.897
2015/05/07	14:13:05	0.4333	99.487	103.140
2015/05/07	14:13:35	0.4417	99.490	103.370
2015/05/07	14:14:05	0.4500	99.506	103.595
2015/05/07	14:14:35	0.4583	99.514	103.802
2015/05/07	14:15:05	0.4667	99.511	104.013
2015/05/07	14:15:35	0.4750	99.515	104.211
2015/05/07	14:16:05	0.4833	99.517	104.403
2015/05/07	14:16:35	0.4917	99.512	104.585
2015/05/07	14:17:05	0.5000	99.516	104.770
2015/05/07	14:17:35	0.5083	99.512	104.938
2015/05/07	14:18:05	0.5167	99.520	105.103
2015/05/07	14:18:35	0.5250	99.525	105.262
2015/05/07	14:19:05	0.5333	99.528	105.415
2015/05/07	14:19:35	0.5417	99.559	105.557
2015/05/07	14:20:05	0.5500	99.552	105.694
2015/05/07	14:20:35	0.5583	99.552	105.836
2015/05/07	14:21:05	0.5667	99.548	105.973
2015/05/07	14:21:35	0.5750	99.554	106.108
2015/05/07	14:22:05	0.5833	99.547	106.230
2015/05/07	14:22:35	0.5917	99.557	106.354
2015/05/07	14:23:05	0.6000	99.567	106.471
2015/05/07	14:23:35	0.6083	99.573	106.585
2015/05/07	14:24:05	0.6167	99.567	106.695
2015/05/07	14:24:35	0.6250	99.564	106.799
2015/05/07	14:25:05	0.6333	99.568	106.907
2015/05/07	14:25:35	0.6417	99.578	107.004
2015/05/07	14:26:05	0.6500	99.582	107.107
2015/05/07	14:26:35	0.6583	99.579	107.202
2015/05/07	14:27:05	0.6667	99.586	107.292
2015/05/07	14:27:35	0.6750	99.590	107.384
2015/05/07	14:28:05	0.6833	99.598	107.472
2015/05/07	14:28:35	0.6917	99.605	107.564
2015/05/07	14:29:05	0.7000	99.603	107.643
2015/05/07	14:29:35	0.7083	99.607	107.726
2015/05/07	14:30:05	0.7167	99.615	107.805
2015/05/07	14:30:35	0.7250	99.613	107.881
2015/05/07	14:31:05	0.7333	99.617	107.964
2015/05/07	14:31:35	0.7417	99.612	108.032
2015/05/07	14:32:05	0.7500	99.613	108.102
2015/05/07	14:32:35	0.7583	99.624	108.171
2015/05/07	14:33:05	0.7667	99.622	108.248
2015/05/07	14:33:35	0.7750	99.634	108.306
2015/05/07	14:34:05	0.7833	99.619	108.372
2015/05/07	14:34:35	0.7917	99.630	108.437
2015/05/07	14:35:05	0.8000	99.635	108.491
2015/05/07	14:35:35	0.8083	99.643	108.558
2015/05/07	14:36:05	0.8167	99.645	108.617
2015/05/07	14:36:35	0.8250	99.650	108.675

Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 205
Type of Test POOH GRADIENT
Date(s) of Test 5/7/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/07	14:37:05	0.8333	99.655	108.729
2015/05/07	14:37:35	0.8417	99.650	108.781
2015/05/07	14:38:05	0.8500	99.652	108.833
2015/05/07	14:38:35	0.8583	99.654	108.883
2015/05/07	14:39:05	0.8667	99.656	108.934
2015/05/07	14:39:35	0.8750	99.654	108.984
2015/05/07	14:40:05	0.8833	99.656	109.035
2015/05/07	14:40:35	0.8917	99.662	109.076
2015/05/07	14:41:05	0.9000	99.670	109.128
2015/05/07	14:41:35	0.9083	99.672	109.164
2015/05/07	14:42:05	0.9167	99.674	109.216
2015/05/07	14:42:35	0.9250	99.666	109.261
2015/05/07	14:43:05	0.9333	99.662	109.306
2015/05/07	14:43:35	0.9417	99.671	109.350
2015/05/07	14:44:05	0.9500	99.683	109.389
2015/05/07	14:44:35	0.9583	99.681	109.429
2015/05/07	14:45:05	0.9667	99.680	109.476
2015/05/07	14:45:35	0.9750	99.686	109.510
2015/05/07	14:46:05	0.9833	99.681	109.553
2015/05/07	14:46:35	0.9917	99.674	109.589
2015/05/07	14:47:05	1.0000	99.676	109.623
2015/05/07	14:47:35	1.0083	99.685	109.659
2015/05/07	14:48:05	1.0167	99.681	109.701
2015/05/07	14:48:35	1.0250	99.693	109.733
2015/05/07	14:49:05	1.0333	99.695	109.765
2015/05/07	14:49:35	1.0417	99.701	109.801
2015/05/07	14:50:05	1.0500	99.700	109.841
2015/05/07	14:50:35	1.0583	99.699	109.866
2015/05/07	14:51:05	1.0667	99.701	109.908
2015/05/07	14:51:35	1.0750	99.704	109.931
2015/05/07	14:52:05	1.0833	99.696	109.965
2015/05/07	14:52:35	1.0917	99.702	109.990
2015/05/07	14:53:05	1.1000	99.708	110.023
2015/05/07	14:53:35	1.1083	99.707	110.052
2015/05/07	14:54:05	1.1167	99.716	110.082
2015/05/07	14:54:35	1.1250	99.715	110.111
POOH Gradient: 3214.000 ft				
2015/05/07	14:54:40	1.1264	99.454	110.118
2015/05/07	14:55:05	1.1333	99.215	109.796
2015/05/07	14:55:35	1.1417	99.175	109.582
2015/05/07	14:56:05	1.1500	99.178	109.474
2015/05/07	14:56:35	1.1583	99.171	109.377
2015/05/07	14:57:05	1.1667	99.177	109.283
2015/05/07	14:57:35	1.1750	99.179	109.197
2015/05/07	14:58:05	1.1833	99.175	109.107
2015/05/07	14:58:35	1.1917	99.181	109.029
2015/05/07	14:59:05	1.2000	99.183	108.941
POOH Gradient: 3000.000 ft				
2015/05/07	14:59:20	1.2042	99.178	108.907
2015/05/07	14:59:35	1.2083	98.769	108.829

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/07	15:00:05	1.2167	97.951	107.632
2015/05/07	15:00:35	1.2250	97.924	106.788
2015/05/07	15:01:05	1.2333	97.904	106.374
2015/05/07	15:01:35	1.2417	97.894	106.032
2015/05/07	15:02:05	1.2500	97.887	105.714
2015/05/07	15:02:35	1.2583	97.897	105.406
2015/05/07	15:03:05	1.2667	97.895	105.114
2015/05/07	15:03:35	1.2750	97.891	104.835
2015/05/07	15:04:05	1.2833	97.889	104.565
POOH Gradient: 2500.000 ft				
2015/05/07	15:04:30	1.2903	97.889	104.342
2015/05/07	15:04:35	1.2917	97.719	104.297
2015/05/07	15:05:05	1.3000	96.679	102.958
2015/05/07	15:05:35	1.3083	96.643	101.316
2015/05/07	15:06:05	1.3167	96.618	100.562
2015/05/07	15:06:35	1.3250	96.621	99.973
2015/05/07	15:07:05	1.3333	96.623	99.387
2015/05/07	15:07:35	1.3417	96.621	98.830
2015/05/07	15:08:05	1.3500	96.608	98.305
2015/05/07	15:08:35	1.3583	96.608	97.810
2015/05/07	15:09:05	1.3667	96.609	97.338
POOH Gradient: 2000.000 ft				
2015/05/07	15:09:15	1.3694	96.614	97.187
2015/05/07	15:09:35	1.3750	95.949	96.598
2015/05/07	15:10:05	1.3833	95.378	94.438
2015/05/07	15:10:35	1.3917	95.404	93.042
2015/05/07	15:11:05	1.4000	95.403	91.992
2015/05/07	15:11:35	1.4083	95.412	91.081
2015/05/07	15:12:05	1.4167	95.397	90.252
2015/05/07	15:12:35	1.4250	95.406	89.490
2015/05/07	15:13:05	1.4333	95.409	88.774
2015/05/07	15:13:35	1.4417	95.398	88.111
2015/05/07	15:14:05	1.4500	95.405	87.489
2015/05/07	15:14:35	1.4583	95.413	86.905
POOH Gradient: 1500.000 ft				
2015/05/07	15:14:50	1.4625	95.412	86.630
2015/05/07	15:15:05	1.4667	94.840	86.283
2015/05/07	15:15:35	1.4750	94.161	84.828
2015/05/07	15:16:05	1.4833	94.151	83.737
2015/05/07	15:16:35	1.4917	94.160	82.863
2015/05/07	15:17:05	1.5000	94.170	82.020
2015/05/07	15:17:35	1.5083	94.168	81.246
2015/05/07	15:18:05	1.5167	94.178	80.503
2015/05/07	15:18:35	1.5250	94.185	79.812
2015/05/07	15:19:05	1.5333	94.192	79.162
2015/05/07	15:19:35	1.5417	94.197	78.566
POOH Gradient: 1000.000 ft				
2015/05/07	15:19:55	1.5472	94.151	78.192
2015/05/07	15:20:05	1.5500	93.822	77.990
2015/05/07	15:20:35	1.5583	92.867	76.696

Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 205
Type of Test POOH GRADIENT
Date(s) of Test 5/7/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/07	15:21:05	1.5667	92.880	75.709
2015/05/07	15:21:35	1.5750	92.870	75.083
2015/05/07	15:22:05	1.5833	92.874	74.491
2015/05/07	15:22:35	1.5917	92.881	73.929
2015/05/07	15:23:05	1.6000	92.880	73.404
2015/05/07	15:23:35	1.6083	92.885	72.869
2015/05/07	15:24:05	1.6167	92.889	72.351
POOH Gradient: 500.000 ft				
2015/05/07	15:24:20	1.6208	92.897	72.068
2015/05/07	15:24:35	1.6250	92.288	71.706
2015/05/07	15:25:05	1.6333	91.486	70.005
2015/05/07	15:25:35	1.6417	91.518	69.372
2015/05/07	15:26:05	1.6500	91.519	69.238
2015/05/07	15:26:35	1.6583	91.535	69.193
2015/05/07	15:27:05	1.6667	91.526	69.183
2015/05/07	15:27:35	1.6750	91.520	69.179
2015/05/07	15:28:05	1.6833	91.532	69.195
2015/05/07	15:28:35	1.6917	91.515	69.253
POOH Gradient: 0.000 ft				
2015/05/07	15:28:50	1.6958	91.506	69.354
2015/05/07	15:29:05	1.7000	14.962	69.449
2015/05/07	15:29:35	1.7083	0.000	69.280
2015/05/07	15:30:05	1.7167	0.000	69.091
2015/05/07	15:30:35	1.7250	0.000	68.927
2015/05/07	15:31:05	1.7333	0.000	69.060
2015/05/07	15:31:35	1.7417	0.000	69.165
2015/05/07	15:32:05	1.7500	0.000	69.249
2015/05/07	15:32:35	1.7583	0.000	69.053
2015/05/07	15:33:05	1.7667	0.000	69.058