

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 31-6 UNIT 225 - API# 30-039-24522
Well Location T31N, R6W, SEC. 31
Field and Pool BASIN FRUITLAND COAL
Status (Oil, Gas, Water, Injection) OBSERVATION
Perforated Intervals 2957-3008
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number
Elevations
 Kelly Bushing (KB) 13
 Casing Flange (CF)
 KB-CF
 Ground Level 6207
Plug Back Total Depth 3053
Total Depth 3053
Production Casing 5 1/2 TO 3053
Production Tubing 2 3/8 TO 2926

OIL CONS. DIV DIST. 3

JUN 2 2014

TEST INFORMATION

Type of Test POOH STATIC GRADIENT
Date(s) of Test MAY 14, 2014
Dead-weight Gauge Tubing Pressure 90
Dead-weight Gauge Casing Pressure 320
Shut-in Date (Duration)
Date / Time on Bottom 5/14/14 @ 1126 HRS
Date / Time off Bottom 5/14/14 @ 1226 HRS

Probe Serial Number 9736
Probe Offset from End of Tool String 0-6000
Run Depth at Probe Pressure Port 2983

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 116.3 psig
Maximum Recorded Probe Temperature 112.2 deg F
Final Buildup Pressure
Gradient Survey Information
 Extrapolated Pressure to MPP
 Final Gradient at Depth
Job Number 31869WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 31-6 UNIT 225
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	MAY 14, 2014

PROBE INFORMATION

Probe Serial Number 9736

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 225
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	MAY 14, 2014

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.657 GR TO 30304'-SET DOWN-TD-GR COVERED IN FILL & SAND-RAN TANDEM BHP
GAUGES TO 2983'-SET 1 HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 31-6 UNIT 225
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	MAY 14, 2014

Pressure vs. Depth

Probe Serial Number 9736

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1126	1226	2983.000	116.337	-	112.165	-
1227	1232	2500.000	105.706	0.0220	107.530	0.0096
1233	1238	2000.000	104.441	0.0025	100.620	0.0138
1239	1244	1500.000	103.193	0.0025	93.013	0.0152
1245	1250	1000.000	101.945	0.0025	84.983	0.0161
1251	1256	500.000	100.664	0.0026	76.975	0.0160
1257	1302	0.000	99.344	0.0026	71.211	0.0115

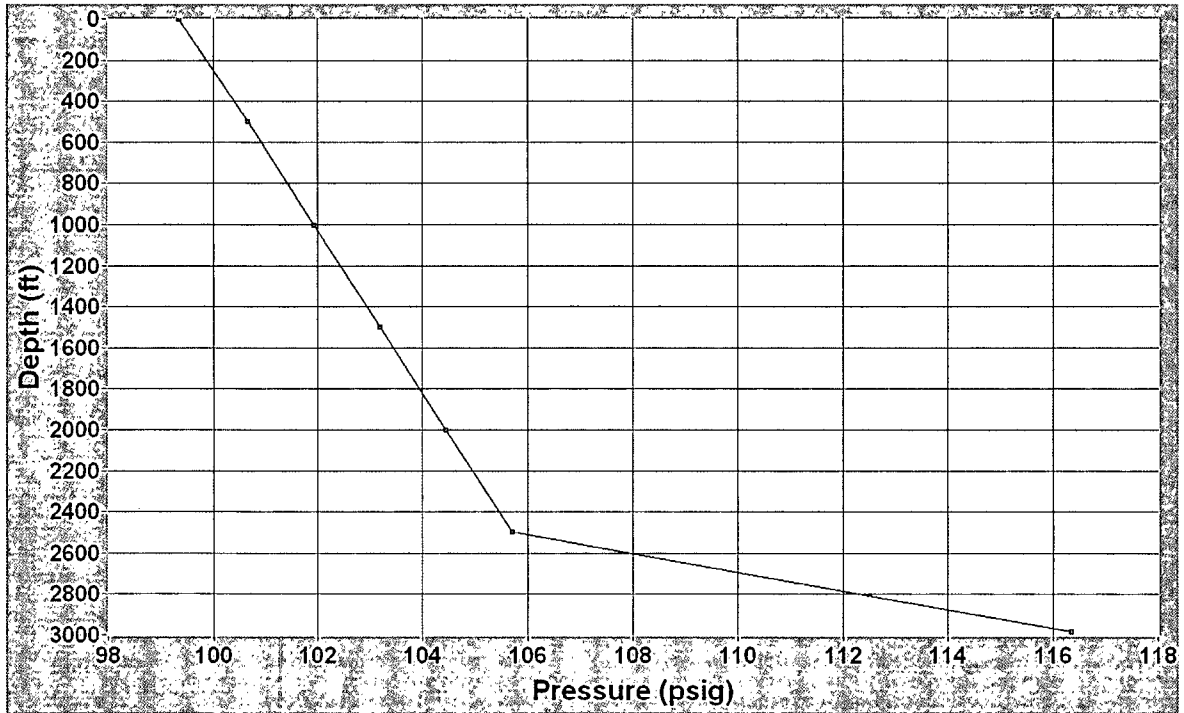
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

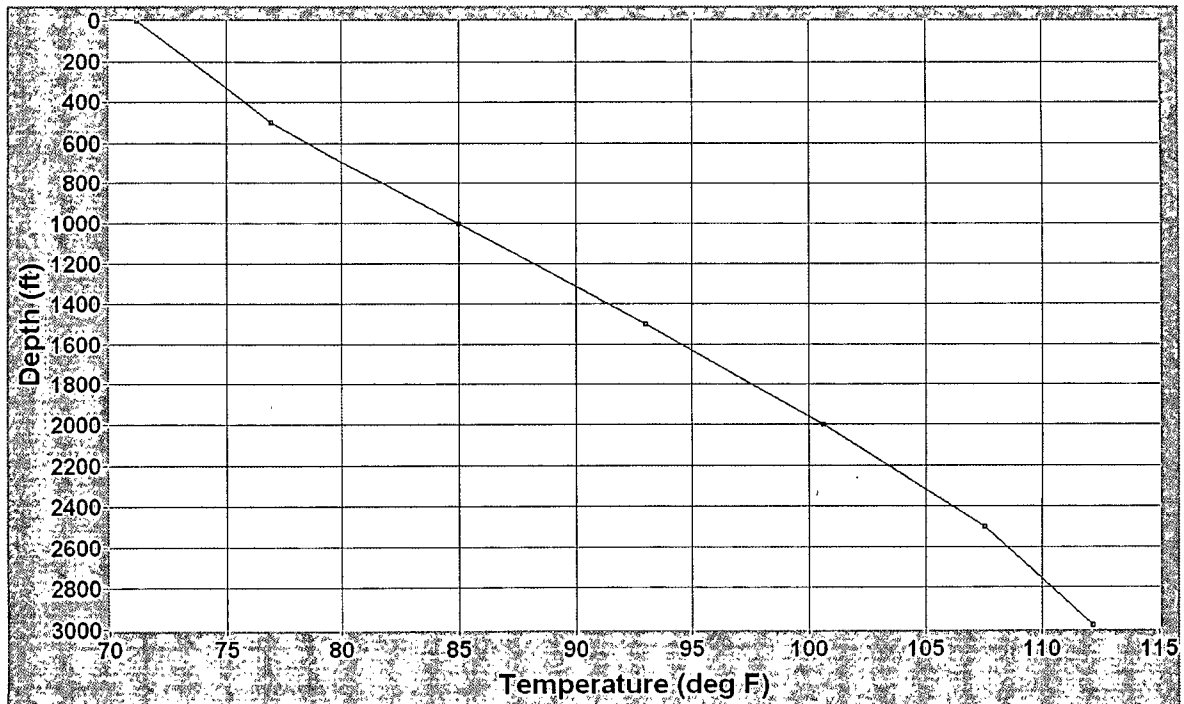
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
Type of Test POOH STATIC GRADIENT
Date(s) of Test MAY 14, 2014

Probe Serial Number 9736

POOH Gradient Depth vs. Pressure

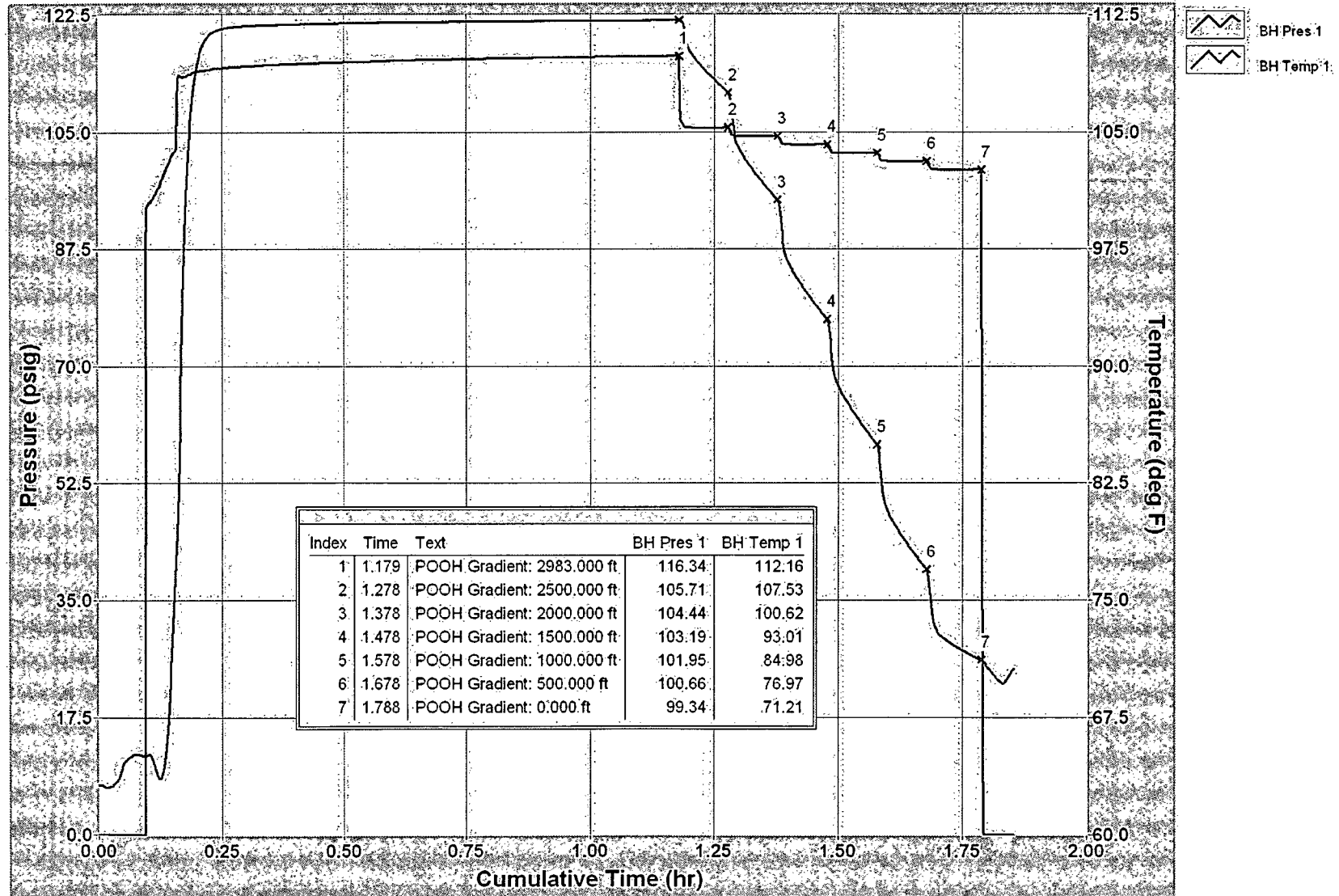


POOH Gradient Depth vs. Temperature



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
Type of Test POOH STATIC GRADIENT
Date(s) of Test MAY 14, 2014

San Juan 31-6 Unit #225



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
Type of Test POOH STATIC GRADIENT
Date(s) of Test MAY 14, 2014

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/05/14	11:15:05	0.0000	0.000	63.189
2014/05/14	11:15:35	0.0083	0.000	63.167
2014/05/14	11:16:05	0.0167	0.000	63.048
2014/05/14	11:16:35	0.0250	0.000	63.084
2014/05/14	11:17:05	0.0333	0.000	63.286
2014/05/14	11:17:35	0.0417	0.000	63.653
2014/05/14	11:18:05	0.0500	0.000	64.494
2014/05/14	11:18:35	0.0583	0.000	64.837
2014/05/14	11:19:05	0.0667	0.000	65.039
2014/05/14	11:19:35	0.0750	0.000	65.158
2014/05/14	11:20:05	0.0833	0.000	65.131
2014/05/14	11:20:35	0.0917	0.000	65.071
2014/05/14	11:21:05	0.1000	94.046	65.136
2014/05/14	11:21:35	0.1083	94.675	64.897
2014/05/14	11:22:05	0.1167	95.819	64.004
2014/05/14	11:22:35	0.1250	97.176	63.604
2014/05/14	11:23:05	0.1333	98.701	64.710
2014/05/14	11:23:35	0.1417	100.311	68.083
2014/05/14	11:24:05	0.1500	101.595	73.411
2014/05/14	11:24:35	0.1583	109.351	79.250
2014/05/14	11:25:05	0.1667	113.305	90.457
2014/05/14	11:25:35	0.1750	113.345	99.682
2014/05/14	11:26:05	0.1833	113.635	104.904
2014/05/14	11:26:35	0.1917	113.862	107.861
2014/05/14	11:27:05	0.2000	114.060	109.503
2014/05/14	11:27:35	0.2083	114.192	110.424
2014/05/14	11:28:05	0.2167	114.273	110.944
2014/05/14	11:28:35	0.2250	114.306	111.243
2014/05/14	11:29:05	0.2333	114.456	111.418
2014/05/14	11:29:35	0.2417	114.520	111.528
2014/05/14	11:30:05	0.2500	114.546	111.603
2014/05/14	11:30:35	0.2583	114.621	111.655
2014/05/14	11:31:05	0.2667	114.693	111.693
2014/05/14	11:31:35	0.2750	114.735	111.727
2014/05/14	11:32:05	0.2833	114.778	111.749
2014/05/14	11:32:35	0.2917	114.787	111.769
2014/05/14	11:33:05	0.3000	114.869	111.789
2014/05/14	11:33:35	0.3083	114.872	111.799
2014/05/14	11:34:05	0.3167	114.885	111.812
2014/05/14	11:34:35	0.3250	114.935	111.828
2014/05/14	11:35:05	0.3333	114.984	111.835
2014/05/14	11:35:35	0.3417	115.007	111.846
2014/05/14	11:36:05	0.3500	115.033	111.853
2014/05/14	11:36:35	0.3583	115.075	111.862
2014/05/14	11:37:05	0.3667	115.108	111.880
2014/05/14	11:37:35	0.3750	115.121	111.882
2014/05/14	11:38:05	0.3833	115.177	111.891
2014/05/14	11:38:35	0.3917	115.177	111.897
2014/05/14	11:39:05	0.4000	115.177	111.902
2014/05/14	11:39:35	0.4083	115.232	111.909

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/05/14	11:40:05	0.4167	115.239	111.916
2014/05/14	11:40:35	0.4250	115.242	111.922
2014/05/14	11:41:05	0.4333	115.259	111.934
2014/05/14	11:41:35	0.4417	115.314	111.934
2014/05/14	11:42:05	0.4500	115.331	111.940
2014/05/14	11:42:35	0.4583	115.341	111.943
2014/05/14	11:43:05	0.4667	115.350	111.952
2014/05/14	11:43:35	0.4750	115.377	111.951
2014/05/14	11:44:05	0.4833	115.409	111.960
2014/05/14	11:44:35	0.4917	115.412	111.967
2014/05/14	11:45:05	0.5000	115.488	111.976
2014/05/14	11:45:35	0.5083	115.478	111.976
2014/05/14	11:46:05	0.5167	115.508	111.976
2014/05/14	11:46:35	0.5250	115.498	111.979
2014/05/14	11:47:05	0.5333	115.514	111.988
2014/05/14	11:47:35	0.5417	115.530	111.988
2014/05/14	11:48:05	0.5500	115.544	111.996
2014/05/14	11:48:35	0.5583	115.570	111.997
2014/05/14	11:49:05	0.5667	115.580	112.005
2014/05/14	11:49:35	0.5750	115.596	112.012
2014/05/14	11:50:05	0.5833	115.619	112.010
2014/05/14	11:50:35	0.5917	115.658	112.010
2014/05/14	11:51:05	0.6000	115.694	112.015
2014/05/14	11:51:35	0.6083	115.691	112.017
2014/05/14	11:52:05	0.6167	115.688	112.024
2014/05/14	11:52:35	0.6250	115.707	112.026
2014/05/14	11:53:05	0.6333	115.737	112.028
2014/05/14	11:53:35	0.6417	115.743	112.032
2014/05/14	11:54:05	0.6500	115.773	112.032
2014/05/14	11:54:35	0.6583	115.793	112.039
2014/05/14	11:55:05	0.6667	115.793	112.035
2014/05/14	11:55:35	0.6750	115.806	112.044
2014/05/14	11:56:05	0.6833	115.819	112.046
2014/05/14	11:56:35	0.6917	115.842	112.042
2014/05/14	11:57:05	0.7000	115.845	112.053
2014/05/14	11:57:35	0.7083	115.858	112.053
2014/05/14	11:58:05	0.7167	115.871	112.055
2014/05/14	11:58:35	0.7250	115.888	112.057
2014/05/14	11:59:05	0.7333	115.894	112.064
2014/05/14	11:59:35	0.7417	115.904	112.064
2014/05/14	12:00:05	0.7500	115.933	112.066
2014/05/14	12:00:35	0.7583	115.940	112.068
2014/05/14	12:01:05	0.7667	115.953	112.066
2014/05/14	12:01:35	0.7750	115.976	112.075
2014/05/14	12:02:05	0.7833	115.970	112.069
2014/05/14	12:02:35	0.7917	116.009	112.078
2014/05/14	12:03:05	0.8000	116.009	112.073
2014/05/14	12:03:35	0.8083	116.015	112.078
2014/05/14	12:04:05	0.8167	116.022	112.077
2014/05/14	12:04:35	0.8250	116.025	112.082

Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
Type of Test POOH STATIC GRADIENT
Date(s) of Test MAY 14, 2014

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/05/14	12:05:05	0.8333	116.042	112.086
2014/05/14	12:05:35	0.8417	116.038	112.089
2014/05/14	12:06:05	0.8500	116.045	112.086
2014/05/14	12:06:35	0.8583	116.055	112.091
2014/05/14	12:07:05	0.8667	116.058	112.098
2014/05/14	12:07:35	0.8750	116.065	112.095
2014/05/14	12:08:05	0.8833	116.087	112.105
2014/05/14	12:08:35	0.8917	116.114	112.100
2014/05/14	12:09:05	0.9000	116.104	112.098
2014/05/14	12:09:35	0.9083	116.117	112.104
2014/05/14	12:10:05	0.9167	116.114	112.104
2014/05/14	12:10:35	0.9250	116.120	112.109
2014/05/14	12:11:05	0.9333	116.166	112.113
2014/05/14	12:11:35	0.9417	116.163	112.114
2014/05/14	12:12:05	0.9500	116.156	112.111
2014/05/14	12:12:35	0.9583	116.153	112.118
2014/05/14	12:13:05	0.9667	116.169	112.116
2014/05/14	12:13:35	0.9750	116.186	112.125
2014/05/14	12:14:05	0.9833	116.192	112.120
2014/05/14	12:14:35	0.9917	116.196	112.118
2014/05/14	12:15:05	1.0000	116.196	112.122
2014/05/14	12:15:35	1.0083	116.199	112.122
2014/05/14	12:16:05	1.0167	116.212	112.129
2014/05/14	12:16:35	1.0250	116.219	112.131
2014/05/14	12:17:05	1.0333	116.225	112.127
2014/05/14	12:17:35	1.0417	116.219	112.131
2014/05/14	12:18:05	1.0500	116.212	112.134
2014/05/14	12:18:35	1.0583	116.228	112.136
2014/05/14	12:19:05	1.0667	116.261	112.136
2014/05/14	12:19:35	1.0750	116.261	112.140
2014/05/14	12:20:05	1.0833	116.268	112.140
2014/05/14	12:20:35	1.0917	116.271	112.145
2014/05/14	12:21:05	1.1000	116.271	112.143
2014/05/14	12:21:35	1.1083	116.274	112.149
2014/05/14	12:22:05	1.1167	116.294	112.147
2014/05/14	12:22:35	1.1250	116.304	112.150
2014/05/14	12:23:05	1.1333	116.307	112.152
2014/05/14	12:23:35	1.1417	116.314	112.150
2014/05/14	12:24:05	1.1500	116.314	112.158
2014/05/14	12:24:35	1.1583	116.323	112.158
2014/05/14	12:25:05	1.1667	116.330	112.154
2014/05/14	12:25:35	1.1750	116.340	112.158
POOH Gradient: 2983.000 ft				
2014/05/14	12:25:50	1.1792	116.337	112.165
2014/05/14	12:26:05	1.1833	106.608	112.140
2014/05/14	12:26:35	1.1917	105.769	111.191
2014/05/14	12:27:05	1.2000	105.712	110.223
2014/05/14	12:27:35	1.2083	105.688	109.816
2014/05/14	12:28:05	1.2167	105.622	109.481
2014/05/14	12:28:35	1.2250	105.596	109.188

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/05/14	12:29:05	1.2333	105.602	108.896
2014/05/14	12:29:35	1.2417	105.623	108.628
2014/05/14	12:30:05	1.2500	105.662	108.363
2014/05/14	12:30:35	1.2583	105.670	108.102
2014/05/14	12:31:05	1.2667	105.686	107.856
2014/05/14	12:31:35	1.2750	105.707	107.605
POOH Gradient: 2500.000 ft				
2014/05/14	12:31:45	1.2778	105.706	107.530
2014/05/14	12:32:05	1.2833	104.989	106.750
2014/05/14	12:32:35	1.2917	104.534	104.700
2014/05/14	12:33:05	1.3000	104.424	103.948
2014/05/14	12:33:35	1.3083	104.426	103.485
2014/05/14	12:34:05	1.3167	104.421	103.077
2014/05/14	12:34:35	1.3250	104.405	102.700
2014/05/14	12:35:05	1.3333	104.412	102.340
2014/05/14	12:35:35	1.3417	104.421	101.998
2014/05/14	12:36:05	1.3500	104.431	101.665
2014/05/14	12:36:35	1.3583	104.440	101.336
2014/05/14	12:37:05	1.3667	104.449	101.026
2014/05/14	12:37:35	1.3750	104.483	100.724
POOH Gradient: 2000.000 ft				
2014/05/14	12:37:45	1.3778	104.441	100.620
2014/05/14	12:38:05	1.3833	103.808	99.741
2014/05/14	12:38:35	1.3917	103.234	97.414
2014/05/14	12:39:05	1.4000	103.203	96.593
2014/05/14	12:39:35	1.4083	103.172	96.094
2014/05/14	12:40:05	1.4167	103.149	95.661
2014/05/14	12:40:35	1.4250	103.156	95.263
2014/05/14	12:41:05	1.4333	103.161	94.865
2014/05/14	12:41:35	1.4417	103.170	94.503
2014/05/14	12:42:05	1.4500	103.171	94.140
2014/05/14	12:42:35	1.4583	103.180	93.790
2014/05/14	12:43:05	1.4667	103.183	93.456
2014/05/14	12:43:35	1.4750	103.198	93.128
POOH Gradient: 1500.000 ft				
2014/05/14	12:43:45	1.4778	103.193	93.013
2014/05/14	12:44:05	1.4833	102.438	91.980
2014/05/14	12:44:35	1.4917	101.935	89.571
2014/05/14	12:45:05	1.5000	101.900	88.740
2014/05/14	12:45:35	1.5083	101.878	88.210
2014/05/14	12:46:05	1.5167	101.885	87.759
2014/05/14	12:46:35	1.5250	101.881	87.337
2014/05/14	12:47:05	1.5333	101.899	86.934
2014/05/14	12:47:35	1.5417	101.910	86.544
2014/05/14	12:48:05	1.5500	101.917	86.167
2014/05/14	12:48:35	1.5583	101.924	85.806
2014/05/14	12:49:05	1.5667	101.940	85.453
2014/05/14	12:49:35	1.5750	101.946	85.100
POOH Gradient: 1000.000 ft				
2014/05/14	12:49:45	1.5778	101.945	84.983

Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
Type of Test POOH STATIC GRADIENT
Date(s) of Test MAY 14, 2014

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/05/14	12:50:05	1.5833	101.166	83.966
2014/05/14	12:50:35	1.5917	100.720	81.502
2014/05/14	12:51:05	1.6000	100.643	80.661
2014/05/14	12:51:35	1.6083	100.628	80.145
2014/05/14	12:52:05	1.6167	100.614	79.691
2014/05/14	12:52:35	1.6250	100.588	79.277
2014/05/14	12:53:05	1.6333	100.609	78.883
2014/05/14	12:53:35	1.6417	100.626	78.505
2014/05/14	12:54:05	1.6500	100.621	78.129
2014/05/14	12:54:35	1.6583	100.643	77.765
2014/05/14	12:55:05	1.6667	100.656	77.419
2014/05/14	12:55:35	1.6750	100.670	77.085
POOH Gradient: 500.000 ft				
2014/05/14	12:55:45	1.6778	100.664	76.975
2014/05/14	12:56:05	1.6833	99.939	76.062
2014/05/14	12:56:35	1.6917	99.380	73.661
2014/05/14	12:57:05	1.7000	99.273	72.986
2014/05/14	12:57:35	1.7083	99.293	72.696
2014/05/14	12:58:05	1.7167	99.281	72.486
2014/05/14	12:58:35	1.7250	99.291	72.300
2014/05/14	12:59:05	1.7333	99.302	72.127
2014/05/14	12:59:35	1.7417	99.302	71.967
2014/05/14	13:00:05	1.7500	99.307	71.823
2014/05/14	13:00:35	1.7583	99.338	71.676
2014/05/14	13:01:05	1.7667	99.344	71.521
2014/05/14	13:01:35	1.7750	99.349	71.380
2014/05/14	13:02:05	1.7833	99.351	71.253
POOH Gradient: 0.000 ft				
2014/05/14	13:02:20	1.7875	99.344	71.211
2014/05/14	13:02:35	1.7917	0.387	71.127
2014/05/14	13:03:05	1.8000	0.000	70.720
2014/05/14	13:03:35	1.8083	0.000	70.401
2014/05/14	13:04:05	1.8167	0.000	70.074
2014/05/14	13:04:35	1.8250	0.000	69.834
2014/05/14	13:05:05	1.8333	0.000	69.701
2014/05/14	13:05:35	1.8417	0.000	70.065
2014/05/14	13:06:05	1.8500	0.000	70.533