

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 31-6 UNIT 225
Well Location	T31N, R6W, SEC. 31
Field and Pool	BASIN FRUITLAND COAL
Status (Oil, Gas, Water, Injection)	OBSERVATION
Perforated Intervals	2957-3007
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 3052
Production Tubing	2 3/8 TO 2926

TEST INFORMATION

Type of Test	POOH STATIC GRADIENT
Date(s) of Test	5/8/15
Dead-weight Gauge Tubing Pressure	100
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/8/15 @ 0616 HRS
Date / Time off Bottom	5/8/15 @ 0716 HRS
Probe Serial Number	5433
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	2983

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	114.3 psig
Maximum Recorded Probe Temperature	113.2 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	34986WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 31-6 UNIT 225
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>
-------------	--------------------	---------------	-----------------	----------------

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	5/8/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 GR TO 2990'-SET DOWN-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	5/8/15

Pressure vs. Depth

Probe Serial Number 5433

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
0616	0716	2983.000	114.336	-	113.178	-
0716	0721	2500.000	100.988	0.0276	105.723	0.0154
0721	0726	2000.000	99.789	0.0024	99.032	0.0134
0726	0731	1500.000	98.555	0.0025	90.646	0.0168
0731	0736	1000.000	97.470	0.0022	81.745	0.0178
0736	0741	500.000	96.388	0.0022	74.228	0.0150
0741	0746	0.000	95.257	0.0023	66.051	0.0164

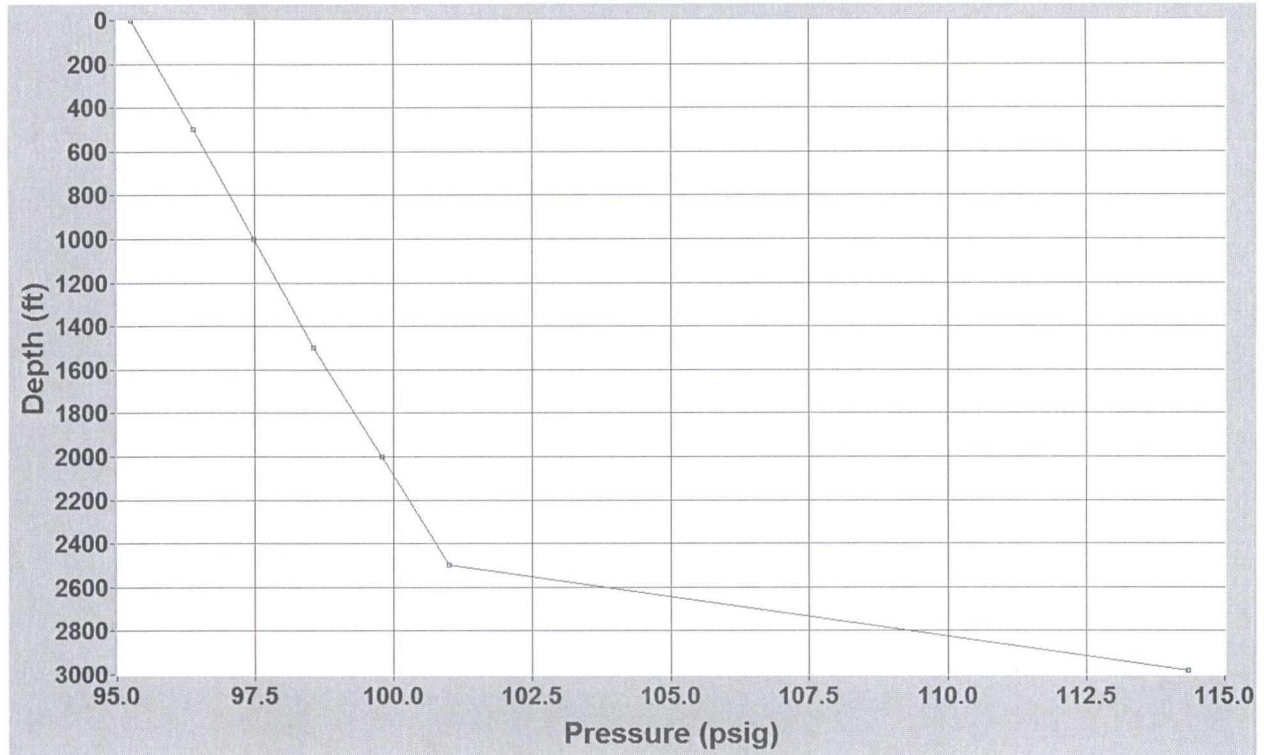
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

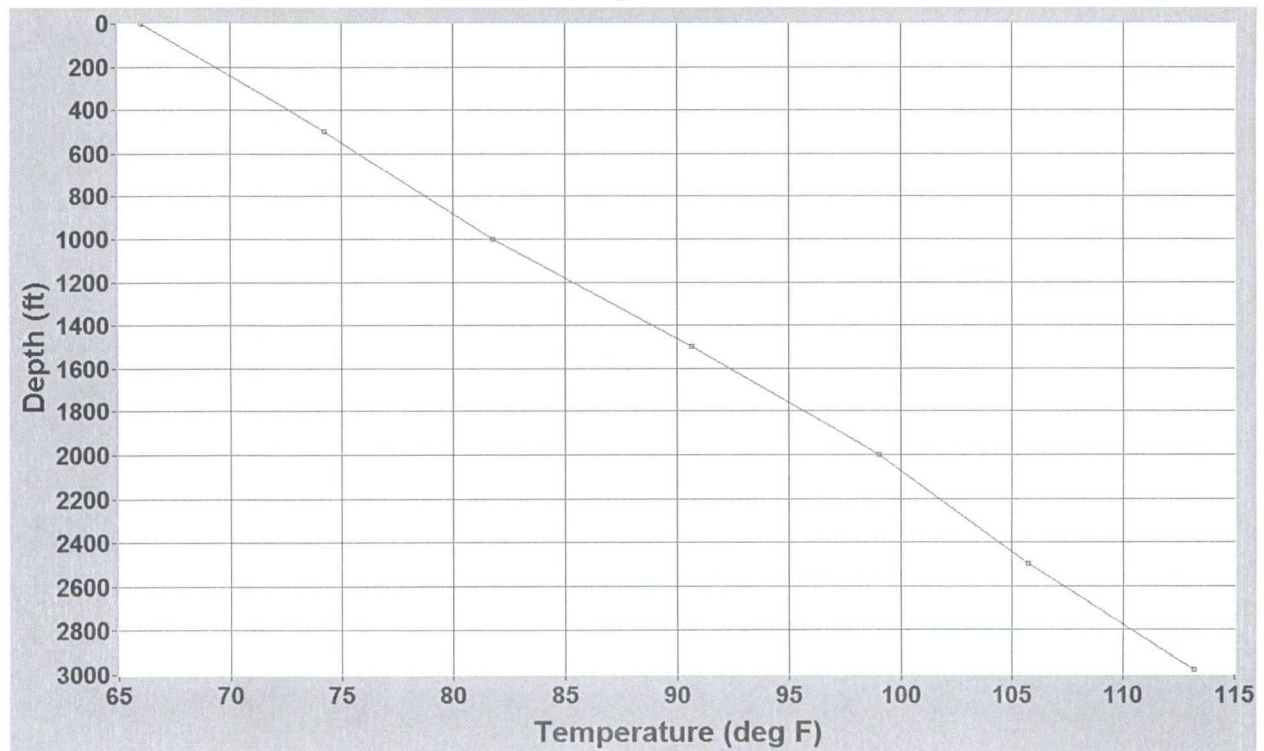
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
Type of Test POOH STATIC GRADIENT
Date(s) of Test 5/8/15

Probe Serial Number 5433

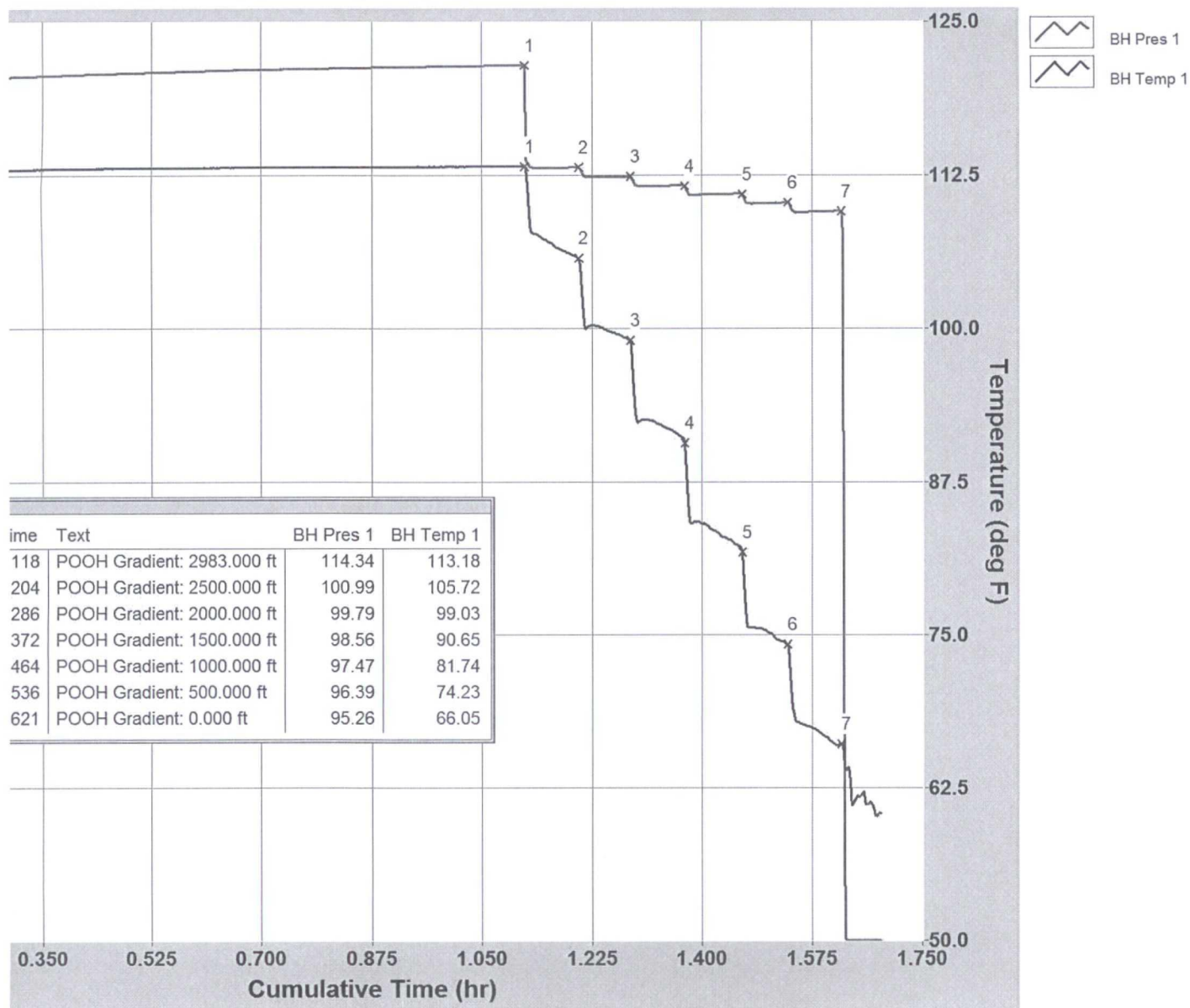
POOH Gradient Depth vs. Pressure



POOH Gradient Depth vs. Temperature



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 5/8/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	06:08:05	0.0000	0.000	70.308
2015/05/08	06:08:35	0.0083	0.000	68.029
2015/05/08	06:09:05	0.0167	0.000	66.907
2015/05/08	06:09:35	0.0250	0.000	65.336
2015/05/08	06:10:05	0.0333	0.000	63.430
2015/05/08	06:10:35	0.0417	0.000	62.328
2015/05/08	06:11:05	0.0500	0.000	64.551
2015/05/08	06:11:35	0.0583	91.375	66.994
2015/05/08	06:12:05	0.0667	91.565	65.241
2015/05/08	06:12:35	0.0750	92.017	63.972
2015/05/08	06:13:05	0.0833	92.530	63.457
2015/05/08	06:13:35	0.0917	93.159	63.802
2015/05/08	06:14:05	0.1000	93.878	65.196
2015/05/08	06:14:35	0.1083	94.688	67.989
2015/05/08	06:15:05	0.1167	95.522	71.775
2015/05/08	06:15:35	0.1250	96.250	75.646
2015/05/08	06:16:05	0.1333	96.992	80.114
2015/05/08	06:16:35	0.1417	97.824	86.002
2015/05/08	06:17:05	0.1500	98.578	92.525
2015/05/08	06:17:35	0.1583	112.228	112.743
2015/05/08	06:18:05	0.1667	112.013	112.813
2015/05/08	06:18:35	0.1750	112.018	112.797
2015/05/08	06:19:05	0.1833	112.128	112.825
2015/05/08	06:19:35	0.1917	112.190	112.836
2015/05/08	06:20:05	0.2000	112.338	112.793
2015/05/08	06:20:35	0.2083	112.404	112.815
2015/05/08	06:21:05	0.2167	112.477	112.813
2015/05/08	06:21:35	0.2250	112.488	112.842
2015/05/08	06:22:05	0.2333	112.556	112.842
2015/05/08	06:22:35	0.2417	112.618	112.852
2015/05/08	06:23:05	0.2500	112.663	112.872
2015/05/08	06:23:35	0.2583	112.683	112.861
2015/05/08	06:24:05	0.2667	112.713	112.885
2015/05/08	06:24:35	0.2750	112.771	112.876
2015/05/08	06:25:05	0.2833	112.779	112.905
2015/05/08	06:25:35	0.2917	112.816	112.928
2015/05/08	06:26:05	0.3000	112.868	112.937
2015/05/08	06:26:35	0.3083	112.874	112.926
2015/05/08	06:27:05	0.3167	112.882	112.944
2015/05/08	06:27:35	0.3250	112.891	112.951
2015/05/08	06:28:05	0.3333	112.931	112.968
2015/05/08	06:28:35	0.3417	112.971	112.960
2015/05/08	06:29:05	0.3500	113.002	112.986
2015/05/08	06:29:35	0.3583	113.029	112.991
2015/05/08	06:30:05	0.3667	113.044	112.986
2015/05/08	06:30:35	0.3750	113.057	112.991
2015/05/08	06:31:05	0.3833	113.087	113.007
2015/05/08	06:31:35	0.3917	113.124	113.000
2015/05/08	06:32:05	0.4000	113.139	113.004
2015/05/08	06:32:35	0.4083	113.155	113.020

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	06:33:05	0.4167	113.167	113.013
2015/05/08	06:33:35	0.4250	113.201	113.025
2015/05/08	06:34:05	0.4333	113.216	113.023
2015/05/08	06:34:35	0.4417	113.231	113.041
2015/05/08	06:35:05	0.4500	113.259	113.040
2015/05/08	06:35:35	0.4583	113.284	113.041
2015/05/08	06:36:05	0.4667	113.293	113.041
2015/05/08	06:36:35	0.4750	113.308	113.043
2015/05/08	06:37:05	0.4833	113.336	113.059
2015/05/08	06:37:35	0.4917	113.379	113.049
2015/05/08	06:38:05	0.5000	113.388	113.065
2015/05/08	06:38:35	0.5083	113.400	113.068
2015/05/08	06:39:05	0.5167	113.410	113.074
2015/05/08	06:39:35	0.5250	113.437	113.070
2015/05/08	06:40:05	0.5333	113.462	113.070
2015/05/08	06:40:35	0.5417	113.471	113.079
2015/05/08	06:41:05	0.5500	113.480	113.083
2015/05/08	06:41:35	0.5583	113.496	113.081
2015/05/08	06:42:05	0.5667	113.517	113.085
2015/05/08	06:42:35	0.5750	113.551	113.092
2015/05/08	06:43:05	0.5833	113.563	113.094
2015/05/08	06:43:35	0.5917	113.573	113.092
2015/05/08	06:44:05	0.6000	113.603	113.094
2015/05/08	06:44:35	0.6083	113.613	113.103
2015/05/08	06:45:05	0.6167	113.625	113.101
2015/05/08	06:45:35	0.6250	113.634	113.104
2015/05/08	06:46:05	0.6333	113.677	113.103
2015/05/08	06:46:35	0.6417	113.686	113.113
2015/05/08	06:47:05	0.6500	113.702	113.112
2015/05/08	06:47:35	0.6583	113.729	113.115
2015/05/08	06:48:05	0.6667	113.736	113.106
2015/05/08	06:48:35	0.6750	113.742	113.117
2015/05/08	06:49:05	0.6833	113.748	113.117
2015/05/08	06:49:35	0.6917	113.776	113.122
2015/05/08	06:50:05	0.7000	113.800	113.121
2015/05/08	06:50:35	0.7083	113.806	113.128
2015/05/08	06:51:05	0.7167	113.816	113.122
2015/05/08	06:51:35	0.7250	113.822	113.135
2015/05/08	06:52:05	0.7333	113.831	113.124
2015/05/08	06:52:35	0.7417	113.843	113.126
2015/05/08	06:53:05	0.7500	113.849	113.128
2015/05/08	06:53:35	0.7583	113.877	113.131
2015/05/08	06:54:05	0.7667	113.883	113.139
2015/05/08	06:54:35	0.7750	113.902	113.139
2015/05/08	06:55:05	0.7833	113.914	113.133
2015/05/08	06:55:35	0.7917	113.920	113.137
2015/05/08	06:56:05	0.8000	113.920	113.131
2015/05/08	06:56:35	0.8083	113.936	113.144
2015/05/08	06:57:05	0.8167	113.963	113.146
2015/05/08	06:57:35	0.8250	113.972	113.148

Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
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	06:58:05	0.8333	113.985	113.144
2015/05/08	06:58:35	0.8417	113.997	113.148
2015/05/08	06:59:05	0.8500	114.009	113.151
2015/05/08	06:59:35	0.8583	114.022	113.146
2015/05/08	07:00:05	0.8667	114.031	113.148
2015/05/08	07:00:35	0.8750	114.056	113.157
2015/05/08	07:01:05	0.8833	114.059	113.151
2015/05/08	07:01:35	0.8917	114.065	113.158
2015/05/08	07:02:05	0.9000	114.077	113.162
2015/05/08	07:02:35	0.9083	114.080	113.160
2015/05/08	07:03:05	0.9167	114.096	113.164
2015/05/08	07:03:35	0.9250	114.105	113.158
2015/05/08	07:04:05	0.9333	114.126	113.158
2015/05/08	07:04:35	0.9417	114.136	113.164
2015/05/08	07:05:05	0.9500	114.133	113.171
2015/05/08	07:05:35	0.9583	114.148	113.160
2015/05/08	07:06:05	0.9667	114.160	113.164
2015/05/08	07:06:35	0.9750	114.172	113.171
2015/05/08	07:07:05	0.9833	114.176	113.164
2015/05/08	07:07:35	0.9917	114.182	113.164
2015/05/08	07:08:05	1.0000	114.194	113.173
2015/05/08	07:08:35	1.0083	114.225	113.167
2015/05/08	07:09:05	1.0167	114.225	113.175
2015/05/08	07:09:35	1.0250	114.234	113.169
2015/05/08	07:10:05	1.0333	114.243	113.176
2015/05/08	07:10:35	1.0417	114.249	113.178
2015/05/08	07:11:05	1.0500	114.262	113.180
2015/05/08	07:11:35	1.0583	114.268	113.171
2015/05/08	07:12:05	1.0667	114.296	113.176
2015/05/08	07:12:35	1.0750	114.296	113.178
2015/05/08	07:13:05	1.0833	114.299	113.178
2015/05/08	07:13:35	1.0917	114.311	113.182
2015/05/08	07:14:05	1.1000	114.317	113.185
2015/05/08	07:14:35	1.1083	114.323	113.185
2015/05/08	07:15:05	1.1167	114.336	113.184
POOH Gradient: 2983.000 ft				
2015/05/08	07:15:10	1.1181	114.336	113.178
2015/05/08	07:15:35	1.1250	101.246	109.467
2015/05/08	07:16:05	1.1333	100.935	107.731
2015/05/08	07:16:35	1.1417	100.936	107.519
2015/05/08	07:17:05	1.1500	100.940	107.242
2015/05/08	07:17:35	1.1583	100.937	106.999
2015/05/08	07:18:05	1.1667	100.934	106.713
2015/05/08	07:18:35	1.1750	100.943	106.461
2015/05/08	07:19:05	1.1833	100.958	106.282
2015/05/08	07:19:35	1.1917	100.978	106.063
2015/05/08	07:20:05	1.2000	100.983	105.877
POOH Gradient: 2500.000 ft				
2015/05/08	07:20:20	1.2042	100.988	105.723
2015/05/08	07:20:35	1.2083	100.413	103.068

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/05/08	07:21:05	1.2167	99.729	100.047
2015/05/08	07:21:35	1.2250	99.730	100.261
2015/05/08	07:22:05	1.2333	99.737	100.180
2015/05/08	07:22:35	1.2417	99.742	100.038
2015/05/08	07:23:05	1.2500	99.752	99.824
2015/05/08	07:23:35	1.2583	99.761	99.676
2015/05/08	07:24:05	1.2667	99.766	99.511
2015/05/08	07:24:35	1.2750	99.771	99.349
2015/05/08	07:25:05	1.2833	99.784	99.126
POOH Gradient: 2000.000 ft				
2015/05/08	07:25:15	1.2861	99.789	99.032
2015/05/08	07:25:35	1.2917	99.064	95.029
2015/05/08	07:26:05	1.3000	98.525	92.403
2015/05/08	07:26:35	1.3083	98.562	92.548
2015/05/08	07:27:05	1.3167	98.569	92.494
2015/05/08	07:27:35	1.3250	98.554	92.419
2015/05/08	07:28:05	1.3333	98.562	92.161
2015/05/08	07:28:35	1.3417	98.583	91.927
2015/05/08	07:29:05	1.3500	98.606	91.747
2015/05/08	07:29:35	1.3583	98.622	91.510
2015/05/08	07:30:05	1.3667	98.637	91.166
POOH Gradient: 1500.000 ft				
2015/05/08	07:30:25	1.3722	98.555	90.646
2015/05/08	07:30:35	1.3750	98.136	88.304
2015/05/08	07:31:05	1.3833	97.367	84.105
2015/05/08	07:31:35	1.3917	97.408	84.249
2015/05/08	07:32:05	1.4000	97.426	84.088
2015/05/08	07:32:35	1.4083	97.458	83.926
2015/05/08	07:33:05	1.4167	97.454	83.597
2015/05/08	07:33:35	1.4250	97.466	83.358
2015/05/08	07:34:05	1.4333	97.484	83.007
2015/05/08	07:34:35	1.4417	97.507	82.796
2015/05/08	07:35:05	1.4500	97.530	82.580
2015/05/08	07:35:35	1.4583	97.550	82.222
POOH Gradient: 1000.000 ft				
2015/05/08	07:35:55	1.4639	97.470	81.745
2015/05/08	07:36:05	1.4667	97.007	79.297
2015/05/08	07:36:35	1.4750	96.286	75.612
2015/05/08	07:37:05	1.4833	96.267	75.603
2015/05/08	07:37:35	1.4917	96.291	75.556
2015/05/08	07:38:05	1.5000	96.290	75.402
2015/05/08	07:38:35	1.5083	96.313	75.160
2015/05/08	07:39:05	1.5167	96.351	74.725
2015/05/08	07:39:35	1.5250	96.342	74.563
2015/05/08	07:40:05	1.5333	96.381	74.268
POOH Gradient: 500.000 ft				
2015/05/08	07:40:15	1.5361	96.388	74.228
2015/05/08	07:40:35	1.5417	95.762	70.801
2015/05/08	07:41:05	1.5500	95.073	67.869
2015/05/08	07:41:35	1.5583	95.141	67.669

Company Name CONOCOPHILLIPS
Well Name SAN JUAN 31-6 UNIT 225
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	07:42:05	1.5667	95.155	67.518
2015/05/08	07:42:35	1.5750	95.198	67.390
2015/05/08	07:43:05	1.5833	95.210	67.159
2015/05/08	07:43:35	1.5917	95.208	66.834
2015/05/08	07:44:05	1.6000	95.246	66.492
2015/05/08	07:44:35	1.6083	95.276	66.151
2015/05/08	07:45:05	1.6167	95.312	65.966
POOH Gradient: 0.000 ft				
2015/05/08	07:45:20	1.6208	95.257	66.051
2015/05/08	07:45:35	1.6250	42.276	65.217
2015/05/08	07:46:05	1.6333	0.000	64.164
2015/05/08	07:46:35	1.6417	0.000	61.390
2015/05/08	07:47:05	1.6500	0.000	61.725
2015/05/08	07:47:35	1.6583	0.000	61.378
2015/05/08	07:48:05	1.6667	0.000	61.302
2015/05/08	07:48:35	1.6750	0.000	60.217