

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 POW 1 - API#30-039-24530
Well Location T30N, R7W, SEC. 24
Field and Pool FRUITLAND COAL
Status (Oil, Gas, Water, Injection) OBSERVATION
Perforated Intervals 2848-3027
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number
Elevations
 Kelly Bushing (KB) 12
 Casing Flange (CF)
 KB-CF
 Ground Level
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 4/30/14
Dead-weight Gauge Tubing Pressure 40
Dead-weight Gauge Casing Pressure 30
Shut-in Date (Duration)
Date / Time on Bottom 4/30/14 @ 1109 HRS
Date / Time off Bottom 4/30/14 @ 1209 HRS

Probe Serial Number 9734
Probe Offset from End of Tool String 0-6000
Run Depth at Probe Pressure Port 2936

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 37.2 psig
Maximum Recorded Probe Temperature 109.7 deg F
Final Buildup Pressure
Gradient Survey Information
 Extrapolated Pressure to MPP
 Final Gradient at Depth
Job Number 31763WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 30-6 UNIT POW 1
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 POW 1
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	4/30/14

COMMENTS

Reported By PHOENIX SERVICES

RAN 1.657 GR TO 3064'-SET DOWN-RAN TANDEM BHP GAUGES (9734, 9735) TO 2936'-SET 1
HR-POOH MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 30-6 UNIT POW 1
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	4/30/14

Pressure vs. Depth

Probe Serial Number 9734

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
1109	1209	2936.000	36.634	-	109.656	-
1211	1216	2500.000	32.895	0.0086	104.905	0.0109
1219	1224	2000.000	32.122	0.0015	99.442	0.0109
1226	1231	1500.000	31.302	0.0016	92.514	0.0139
1232	1237	1000.000	30.482	0.0016	82.945	0.0191
1239	1244	500.000	29.924	0.0011	77.709	0.0105
1246	1251	0.000	29.318	0.0012	73.810	0.0078

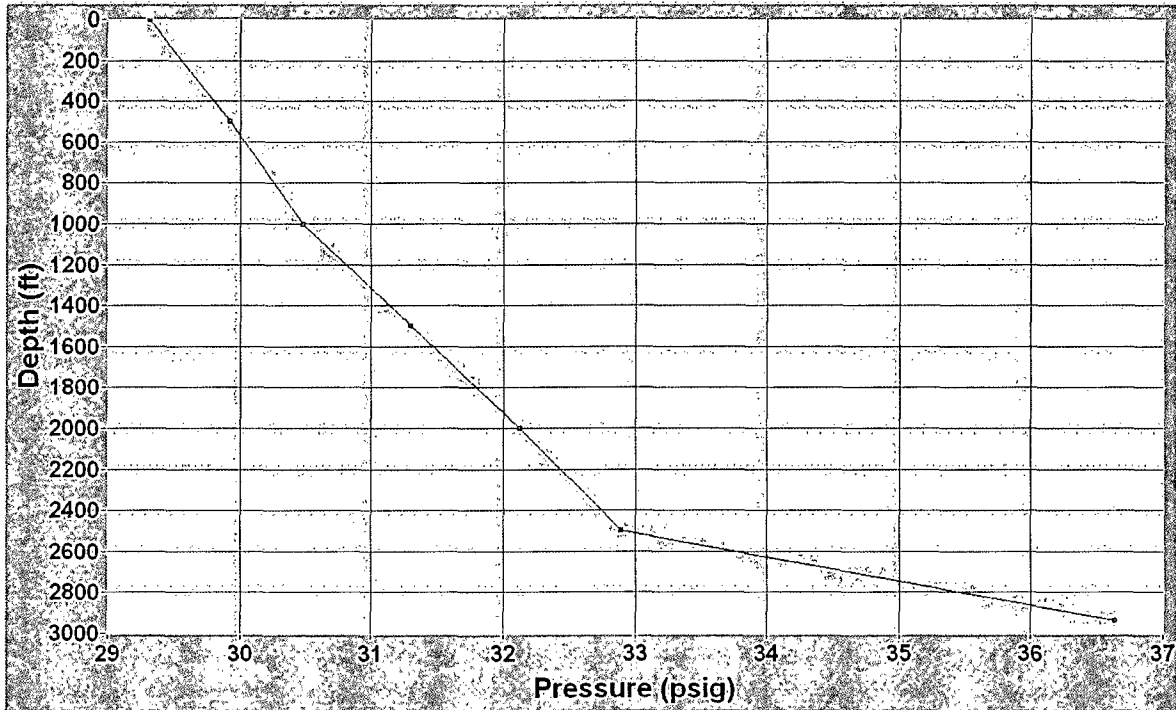
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

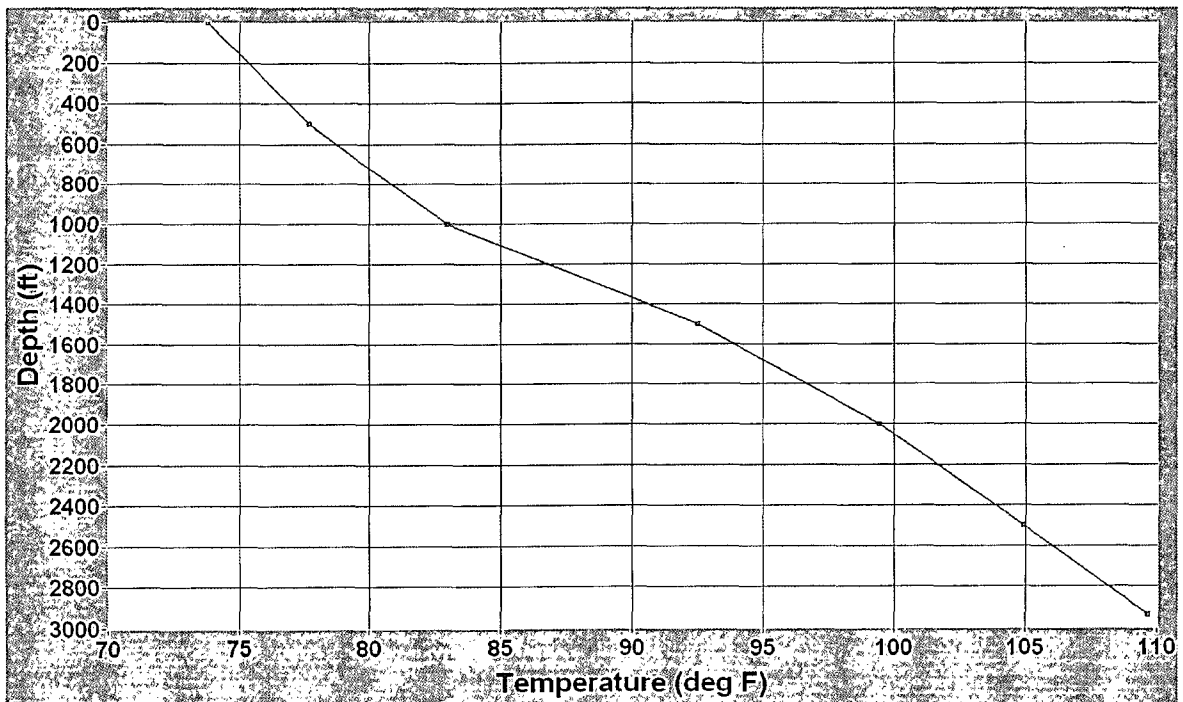
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT POW 1
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Probe Serial Number 9734

POOH Gradient Depth vs. Pressure

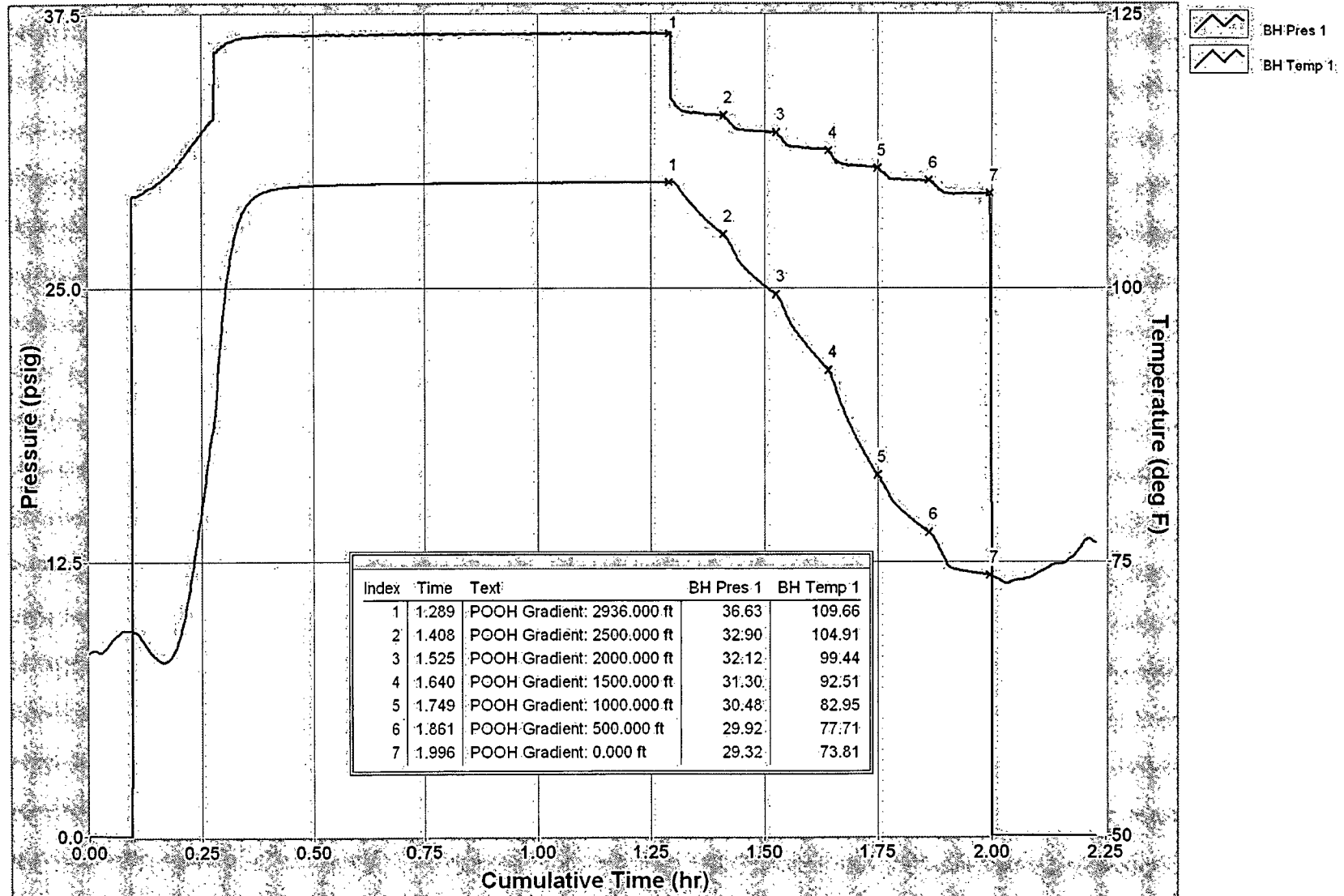


POOH Gradient Depth vs. Temperature



Company Name CONOCOPHILLIPS
 Well Name SAN JUAN 30-6 UNIT POW 1
 Type of Test POOH STATIC GRADIENT
 Date(s) of Test 4/30/14

San Juan 30-6 Unit POW #1



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT POW 1
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	10:52:05	0.0000	0.000	66.731
2014/04/30	10:52:35	0.0083	0.000	66.927
2014/04/30	10:53:05	0.0167	0.000	66.969
2014/04/30	10:53:35	0.0250	0.000	66.821
2014/04/30	10:54:05	0.0333	0.000	66.974
2014/04/30	10:54:35	0.0417	0.000	67.372
2014/04/30	10:55:05	0.0500	0.000	67.852
2014/04/30	10:55:35	0.0583	0.000	68.216
2014/04/30	10:56:05	0.0667	0.000	68.477
2014/04/30	10:56:35	0.0750	0.000	68.772
2014/04/30	10:57:05	0.0833	0.000	68.769
2014/04/30	10:57:35	0.0917	0.000	68.792
2014/04/30	10:58:05	0.1000	29.198	68.657
2014/04/30	10:58:35	0.1083	29.200	68.493
2014/04/30	10:59:05	0.1167	29.305	67.957
2014/04/30	10:59:35	0.1250	29.411	67.455
2014/04/30	11:00:05	0.1333	29.524	66.927
2014/04/30	11:00:35	0.1417	29.588	66.544
2014/04/30	11:01:05	0.1500	29.722	66.220
2014/04/30	11:01:35	0.1583	29.855	65.966
2014/04/30	11:02:05	0.1667	30.004	65.917
2014/04/30	11:02:35	0.1750	30.148	66.074
2014/04/30	11:03:05	0.1833	30.342	66.481
2014/04/30	11:03:35	0.1917	30.508	67.168
2014/04/30	11:04:05	0.2000	30.755	68.182
2014/04/30	11:04:35	0.2083	30.987	69.530
2014/04/30	11:05:05	0.2167	31.194	71.236
2014/04/30	11:05:35	0.2250	31.462	73.242
2014/04/30	11:06:05	0.2333	31.715	75.463
2014/04/30	11:06:35	0.2417	31.907	77.659
2014/04/30	11:07:05	0.2500	32.117	79.923
2014/04/30	11:07:35	0.2583	32.355	82.450
2014/04/30	11:08:05	0.2667	32.581	84.897
2014/04/30	11:08:35	0.2750	32.717	87.093
2014/04/30	11:09:05	0.2833	35.808	90.325
2014/04/30	11:09:35	0.2917	36.003	94.879
2014/04/30	11:10:05	0.3000	36.084	98.420
2014/04/30	11:10:35	0.3083	36.220	101.120
2014/04/30	11:11:05	0.3167	36.277	103.210
2014/04/30	11:11:35	0.3250	36.349	104.788
2014/04/30	11:12:05	0.3333	36.408	105.964
2014/04/30	11:12:35	0.3417	36.436	106.810
2014/04/30	11:13:05	0.3500	36.453	107.409
2014/04/30	11:13:35	0.3583	36.482	107.856
2014/04/30	11:14:05	0.3667	36.498	108.187
2014/04/30	11:14:35	0.3750	36.525	108.444
2014/04/30	11:15:05	0.3833	36.522	108.621
2014/04/30	11:15:35	0.3917	36.542	108.772
2014/04/30	11:16:05	0.4000	36.541	108.883
2014/04/30	11:16:35	0.4083	36.560	108.979

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	11:17:05	0.4167	36.536	109.051
2014/04/30	11:17:35	0.4250	36.553	109.110
2014/04/30	11:18:05	0.4333	36.546	109.155
2014/04/30	11:18:35	0.4417	36.558	109.197
2014/04/30	11:19:05	0.4500	36.552	109.225
2014/04/30	11:19:35	0.4583	36.586	109.256
2014/04/30	11:20:05	0.4667	36.566	109.281
2014/04/30	11:20:35	0.4750	36.577	109.297
2014/04/30	11:21:05	0.4833	36.554	109.315
2014/04/30	11:21:35	0.4917	36.559	109.335
2014/04/30	11:22:05	0.5000	36.567	109.348
2014/04/30	11:22:35	0.5083	36.542	109.360
2014/04/30	11:23:05	0.5167	36.583	109.373
2014/04/30	11:23:35	0.5250	36.585	109.380
2014/04/30	11:24:05	0.5333	36.582	109.393
2014/04/30	11:24:35	0.5417	36.576	109.407
2014/04/30	11:25:05	0.5500	36.579	109.416
2014/04/30	11:25:35	0.5583	36.584	109.423
2014/04/30	11:26:05	0.5667	36.589	109.443
2014/04/30	11:26:35	0.5750	36.572	109.441
2014/04/30	11:27:05	0.5833	36.551	109.441
2014/04/30	11:27:35	0.5917	36.594	109.454
2014/04/30	11:28:05	0.6000	36.561	109.456
2014/04/30	11:28:35	0.6083	36.591	109.468
2014/04/30	11:29:05	0.6167	36.563	109.467
2014/04/30	11:29:35	0.6250	36.569	109.472
2014/04/30	11:30:05	0.6333	36.590	109.488
2014/04/30	11:30:35	0.6417	36.576	109.490
2014/04/30	11:31:05	0.6500	36.587	109.483
2014/04/30	11:31:35	0.6583	36.609	109.497
2014/04/30	11:32:05	0.6667	36.595	109.503
2014/04/30	11:32:35	0.6750	36.600	109.513
2014/04/30	11:33:05	0.6833	36.611	109.515
2014/04/30	11:33:35	0.6917	36.600	109.515
2014/04/30	11:34:05	0.7000	36.613	109.519
2014/04/30	11:34:35	0.7083	36.597	109.521
2014/04/30	11:35:05	0.7167	36.624	109.528
2014/04/30	11:35:35	0.7250	36.605	109.524
2014/04/30	11:36:05	0.7333	36.624	109.533
2014/04/30	11:36:35	0.7417	36.627	109.535
2014/04/30	11:37:05	0.7500	36.613	109.540
2014/04/30	11:37:35	0.7583	36.607	109.548
2014/04/30	11:38:05	0.7667	36.618	109.546
2014/04/30	11:38:35	0.7750	36.637	109.551
2014/04/30	11:39:05	0.7833	36.596	109.549
2014/04/30	11:39:35	0.7917	36.612	109.562
2014/04/30	11:40:05	0.8000	36.618	109.560
2014/04/30	11:40:35	0.8083	36.618	109.553
2014/04/30	11:41:05	0.8167	36.609	109.562
2014/04/30	11:41:35	0.8250	36.601	109.573

Company Name CONOCOPHILLIPS
Well Name SAN JUAN 30-6 UNIT POW 1
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	11:42:05	0.8333	36.626	109.567
2014/04/30	11:42:35	0.8417	36.620	109.576
2014/04/30	11:43:05	0.8500	36.606	109.575
2014/04/30	11:43:35	0.8583	36.622	109.578
2014/04/30	11:44:05	0.8667	36.612	109.573
2014/04/30	11:44:35	0.8750	36.620	109.580
2014/04/30	11:45:05	0.8833	36.628	109.584
2014/04/30	11:45:35	0.8917	36.617	109.589
2014/04/30	11:46:05	0.9000	36.619	109.591
2014/04/30	11:46:35	0.9083	36.633	109.589
2014/04/30	11:47:05	0.9167	36.622	109.594
2014/04/30	11:47:35	0.9250	36.611	109.596
2014/04/30	11:48:05	0.9333	36.625	109.593
2014/04/30	11:48:35	0.9417	36.630	109.598
2014/04/30	11:49:05	0.9500	36.633	109.598
2014/04/30	11:49:35	0.9583	36.611	109.598
2014/04/30	11:50:05	0.9667	36.616	109.598
2014/04/30	11:50:35	0.9750	36.614	109.602
2014/04/30	11:51:05	0.9833	36.594	109.611
2014/04/30	11:51:35	0.9917	36.627	109.603
2014/04/30	11:52:05	1.0000	36.627	109.612
2014/04/30	11:52:35	1.0083	36.635	109.609
2014/04/30	11:53:05	1.0167	36.638	109.611
2014/04/30	11:53:35	1.0250	36.624	109.602
2014/04/30	11:54:05	1.0333	36.635	109.602
2014/04/30	11:54:35	1.0417	36.632	109.612
2014/04/30	11:55:05	1.0500	36.640	109.621
2014/04/30	11:55:35	1.0583	36.643	109.621
2014/04/30	11:56:05	1.0667	36.651	109.623
2014/04/30	11:56:35	1.0750	36.627	109.616
2014/04/30	11:57:05	1.0833	36.635	109.623
2014/04/30	11:57:35	1.0917	36.640	109.630
2014/04/30	11:58:05	1.1000	36.637	109.625
2014/04/30	11:58:35	1.1083	36.626	109.627
2014/04/30	11:59:05	1.1167	36.635	109.625
2014/04/30	11:59:35	1.1250	36.651	109.627
2014/04/30	12:00:05	1.1333	36.626	109.630
2014/04/30	12:00:35	1.1417	36.626	109.636
2014/04/30	12:01:05	1.1500	36.645	109.638
2014/04/30	12:01:35	1.1583	36.635	109.629
2014/04/30	12:02:05	1.1667	36.602	109.638
2014/04/30	12:02:35	1.1750	36.618	109.634
2014/04/30	12:03:05	1.1833	36.626	109.629
2014/04/30	12:03:35	1.1917	36.650	109.641
2014/04/30	12:04:05	1.2000	36.607	109.634
2014/04/30	12:04:35	1.2083	36.664	109.639
2014/04/30	12:05:05	1.2167	36.637	109.643
2014/04/30	12:05:35	1.2250	36.615	109.647
2014/04/30	12:06:05	1.2333	36.661	109.647
2014/04/30	12:06:35	1.2417	36.637	109.645

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2014/04/30	12:07:05	1.2500	36.645	109.654
2014/04/30	12:07:35	1.2583	36.653	109.656
2014/04/30	12:08:05	1.2667	36.642	109.648
2014/04/30	12:08:35	1.2750	36.634	109.657
2014/04/30	12:09:05	1.2833	36.645	109.657
POOH Gradient: 2936.000 ft				
2014/04/30	12:09:25	1.2889	36.634	109.656
2014/04/30	12:09:35	1.2917	37.165	109.654
2014/04/30	12:10:05	1.3000	33.514	109.623
2014/04/30	12:10:35	1.3083	33.253	109.296
2014/04/30	12:11:05	1.3167	33.125	108.759
2014/04/30	12:11:35	1.3250	33.064	108.293
2014/04/30	12:12:05	1.3333	33.036	107.868
2014/04/30	12:12:35	1.3417	33.015	107.483
2014/04/30	12:13:05	1.3500	33.011	107.087
2014/04/30	12:13:35	1.3583	32.987	106.716
2014/04/30	12:14:05	1.3667	32.954	106.371
2014/04/30	12:14:35	1.3750	32.926	106.043
2014/04/30	12:15:05	1.3833	32.927	105.737
2014/04/30	12:15:35	1.3917	32.930	105.451
2014/04/30	12:16:05	1.4000	32.909	105.168
POOH Gradient: 2500.000 ft				
2014/04/30	12:16:35	1.4083	32.895	104.905
2014/04/30	12:17:05	1.4167	32.733	104.491
2014/04/30	12:17:35	1.4250	32.545	103.932
2014/04/30	12:18:05	1.4333	32.355	103.240
2014/04/30	12:18:35	1.4417	32.257	102.569
2014/04/30	12:19:05	1.4500	32.232	102.135
2014/04/30	12:19:35	1.4583	32.200	101.766
2014/04/30	12:20:05	1.4667	32.201	101.430
2014/04/30	12:20:35	1.4750	32.202	101.102
2014/04/30	12:21:05	1.4833	32.170	100.801
2014/04/30	12:21:35	1.4917	32.180	100.510
2014/04/30	12:22:05	1.5000	32.150	100.225
2014/04/30	12:22:35	1.5083	32.138	99.955
2014/04/30	12:23:05	1.5167	32.137	99.696
POOH Gradient: 2000.000 ft				
2014/04/30	12:23:35	1.5250	32.122	99.442
2014/04/30	12:24:05	1.5333	31.940	98.956
2014/04/30	12:24:35	1.5417	31.739	98.200
2014/04/30	12:25:05	1.5500	31.536	97.356
2014/04/30	12:25:35	1.5583	31.491	96.694
2014/04/30	12:26:05	1.5667	31.466	96.199
2014/04/30	12:26:35	1.5750	31.449	95.736
2014/04/30	12:27:05	1.5833	31.429	95.299
2014/04/30	12:27:35	1.5917	31.410	94.879
2014/04/30	12:28:05	1.6000	31.401	94.449
2014/04/30	12:28:35	1.6083	31.379	94.044
2014/04/30	12:29:05	1.6167	31.377	93.639
2014/04/30	12:29:35	1.6250	31.377	93.238

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Well Name SAN JUAN 30-6 UNIT POW 1
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	12:30:05	1.6333	31.377	92.860
POOH Gradient: 1500.000 ft				
2014/04/30	12:30:30	1.6403	31.302	92.514
2014/04/30	12:30:35	1.6417	31.239	92.408
2014/04/30	12:31:05	1.6500	30.992	91.580
2014/04/30	12:31:35	1.6583	30.709	90.556
2014/04/30	12:32:05	1.6667	30.702	89.596
2014/04/30	12:32:35	1.6750	30.643	88.714
2014/04/30	12:33:05	1.6833	30.581	87.899
2014/04/30	12:33:35	1.6917	30.613	87.163
2014/04/30	12:34:05	1.7000	30.582	86.473
2014/04/30	12:34:35	1.7083	30.564	85.813
2014/04/30	12:35:05	1.7167	30.559	85.179
2014/04/30	12:35:35	1.7250	30.549	84.560
2014/04/30	12:36:05	1.7333	30.535	83.977
2014/04/30	12:36:35	1.7417	30.518	83.404
POOH Gradient: 1000.000 ft				
2014/04/30	12:37:00	1.7486	30.482	82.945
2014/04/30	12:37:05	1.7500	30.462	82.861
2014/04/30	12:37:35	1.7583	30.296	82.312
2014/04/30	12:38:05	1.7667	30.161	81.716
2014/04/30	12:38:35	1.7750	30.002	81.055
2014/04/30	12:39:05	1.7833	29.955	80.483
2014/04/30	12:39:35	1.7917	29.945	80.110
2014/04/30	12:40:05	1.8000	29.958	79.783
2014/04/30	12:40:35	1.8083	29.926	79.470
2014/04/30	12:41:05	1.8167	29.941	79.183
2014/04/30	12:41:35	1.8250	29.920	78.901
2014/04/30	12:42:05	1.8333	29.904	78.609
2014/04/30	12:42:35	1.8417	29.927	78.336
2014/04/30	12:43:05	1.8500	29.895	78.055
2014/04/30	12:43:35	1.8583	29.914	77.797
POOH Gradient: 500.000 ft				
2014/04/30	12:43:45	1.8611	29.924	77.709
2014/04/30	12:44:05	1.8667	29.876	77.535
2014/04/30	12:44:35	1.8750	29.710	77.025
2014/04/30	12:45:05	1.8833	29.513	76.361
2014/04/30	12:45:35	1.8917	29.385	75.679
2014/04/30	12:46:05	1.9000	29.323	74.903
2014/04/30	12:46:35	1.9083	29.275	74.509
2014/04/30	12:47:05	1.9167	29.266	74.358
2014/04/30	12:47:35	1.9250	29.286	74.269
2014/04/30	12:48:05	1.9333	29.282	74.199
2014/04/30	12:48:35	1.9417	29.318	74.136
2014/04/30	12:49:05	1.9500	29.288	74.080
2014/04/30	12:49:35	1.9583	29.311	74.026
2014/04/30	12:50:05	1.9667	29.279	73.969
2014/04/30	12:50:35	1.9750	29.303	73.924
2014/04/30	12:51:05	1.9833	29.276	73.873
2014/04/30	12:51:35	1.9917	29.297	73.839

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
POOH Gradient: 0.000 ft				
2014/04/30	12:51:50	1.9958	29.318	73.810
2014/04/30	12:52:05	2.0000	10.523	73.785
2014/04/30	12:52:35	2.0083	0.000	73.555
2014/04/30	12:53:05	2.0167	0.000	73.409
2014/04/30	12:53:35	2.0250	0.000	73.177
2014/04/30	12:54:05	2.0333	0.000	73.065
2014/04/30	12:54:35	2.0417	0.000	73.135
2014/04/30	12:55:05	2.0500	0.000	73.288
2014/04/30	12:55:35	2.0583	0.000	73.360
2014/04/30	12:56:05	2.0667	0.000	73.377
2014/04/30	12:56:35	2.0750	0.000	73.458
2014/04/30	12:57:05	2.0833	0.000	73.526
2014/04/30	12:57:35	2.0917	0.000	73.711
2014/04/30	12:58:05	2.1000	0.000	73.913
2014/04/30	12:58:35	2.1083	0.000	74.120
2014/04/30	12:59:05	2.1167	0.000	74.286
2014/04/30	12:59:35	2.1250	0.000	74.482
2014/04/30	13:00:05	2.1333	0.000	74.710
2014/04/30	13:00:35	2.1417	0.000	74.800
2014/04/30	13:01:05	2.1500	0.000	74.788
2014/04/30	13:01:35	2.1583	0.000	74.862
2014/04/30	13:02:05	2.1667	0.000	75.060
2014/04/30	13:02:35	2.1750	0.000	75.360
2014/04/30	13:03:05	2.1833	0.000	75.652
2014/04/30	13:03:35	2.1917	0.000	76.114
2014/04/30	13:04:05	2.2000	0.000	76.644
2014/04/30	13:04:35	2.2083	0.000	76.995
2014/04/30	13:05:05	2.2167	0.000	77.047
2014/04/30	13:05:35	2.2250	0.000	76.793