

OIL CONS. DIV DIST. 3

JUN 01 2016

Pressure Test Report

COMPANY INFORMATION

Company Name	ConocoPhillips
Representative	Priscilla Shorty
Phone	
Fax	
Address	

E-Mail Address	
Service Company	Expert Downhole Services, Inc.

WELL INFORMATION

Well Name	San Juan 29-7 Unit #300
Well Location	T29N, R7W, Sec. 11
Field and Pool	Mesa Verde
Status (Oil, Gas, Water, Injection)	Observation
Perforated Intervals	4855-5482
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	
Casing Flange (CF)	
KB-CF	
Ground Level	6265
Plug Back Total Depth	
Total Depth	5850
Production Casing	4 1/2 to 5850
Production Tubing	1 1/4 to 5146

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/26/2016
Dead-weight Gauge Tubing Pressure	420
Dead-weight Gauge Casing Pressure	340
Shut-in Date (Duration)	
Date / Time on Bottom	5/26/16 @ 1013
Date / Time off Bottom	5/26/16 @ 1113
Probe Serial Number	19841
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	5400

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	486.3 psig
Maximum Recorded Probe Temperature	164.1 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

Company Name ConocoPhillips
Well Name San Juan 29-7 Unit #300
Type of Test POOH Static Gradient
Date(s) of Test 5/26/2016



PROBE INFORMATION

Probe Serial Number 19841
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 29-7 Unit #300
Type of Test	POOH Static Gradient
Date(s) of Test	5/26/2016



COMMENTS

Reported By

Expert Downhole Services, Inc.

RIH with 1" IB and tagged fill @ 5670 WLM. RIH with 3/4" memory gauge to 5760 for 1 hour, then POOH making 5 minute gradient stops as requested.

Company Name ConocoPhillips
 Well Name San Juan 29-7 Unit #300
 Type of Test POOH Static Gradient
 Date(s) of Test 5/26/2016



Pressure vs. Depth

Probe Serial Number 19841

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		5400.000	486.260	-	164.080	-
1013	1113	5400.000	484.726	-	156.418	-
1114	1119	5200.000	484.044	0.0034	163.099	-0.0334
1120	1125	5000.000	481.647	0.0120	159.717	0.0169
1127	1132	4000.000	469.531	0.0121	145.216	0.0145
1133	1138	3000.000	457.078	0.0125	126.462	0.0188
1140	1145	2000.000	445.272	0.0118	97.835	0.0286
1147	1152	1000.000	433.040	0.0122	77.702	0.0201
1153	1159	0.000	420.872	0.0122	60.705	0.0170

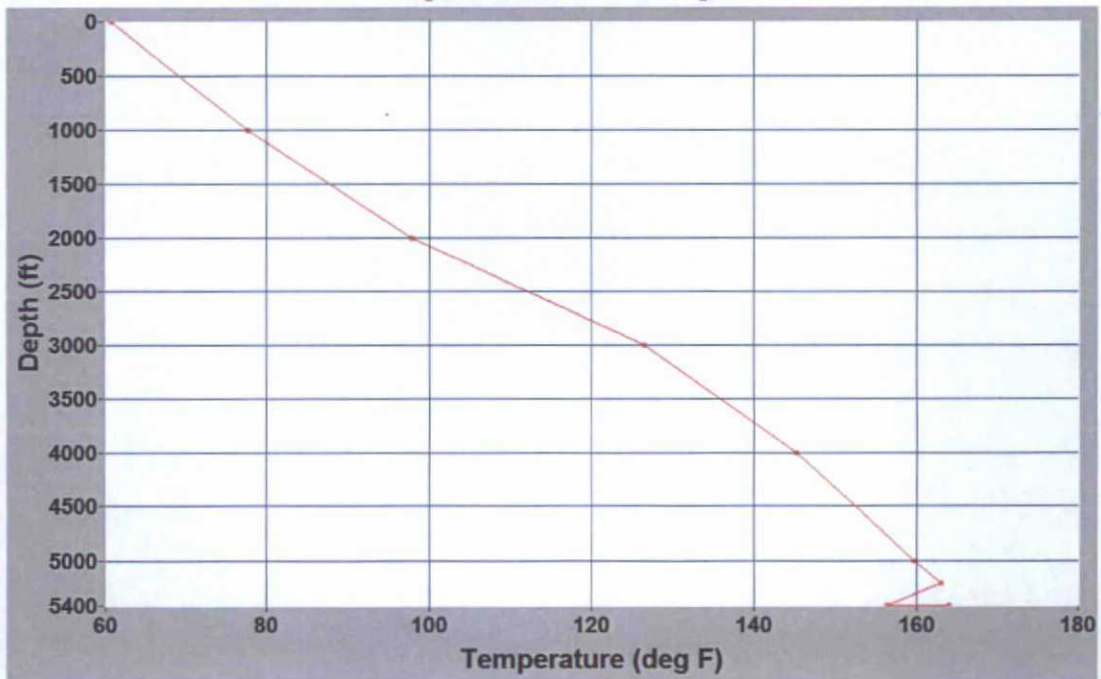
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

19841 Depth vs. Pressure



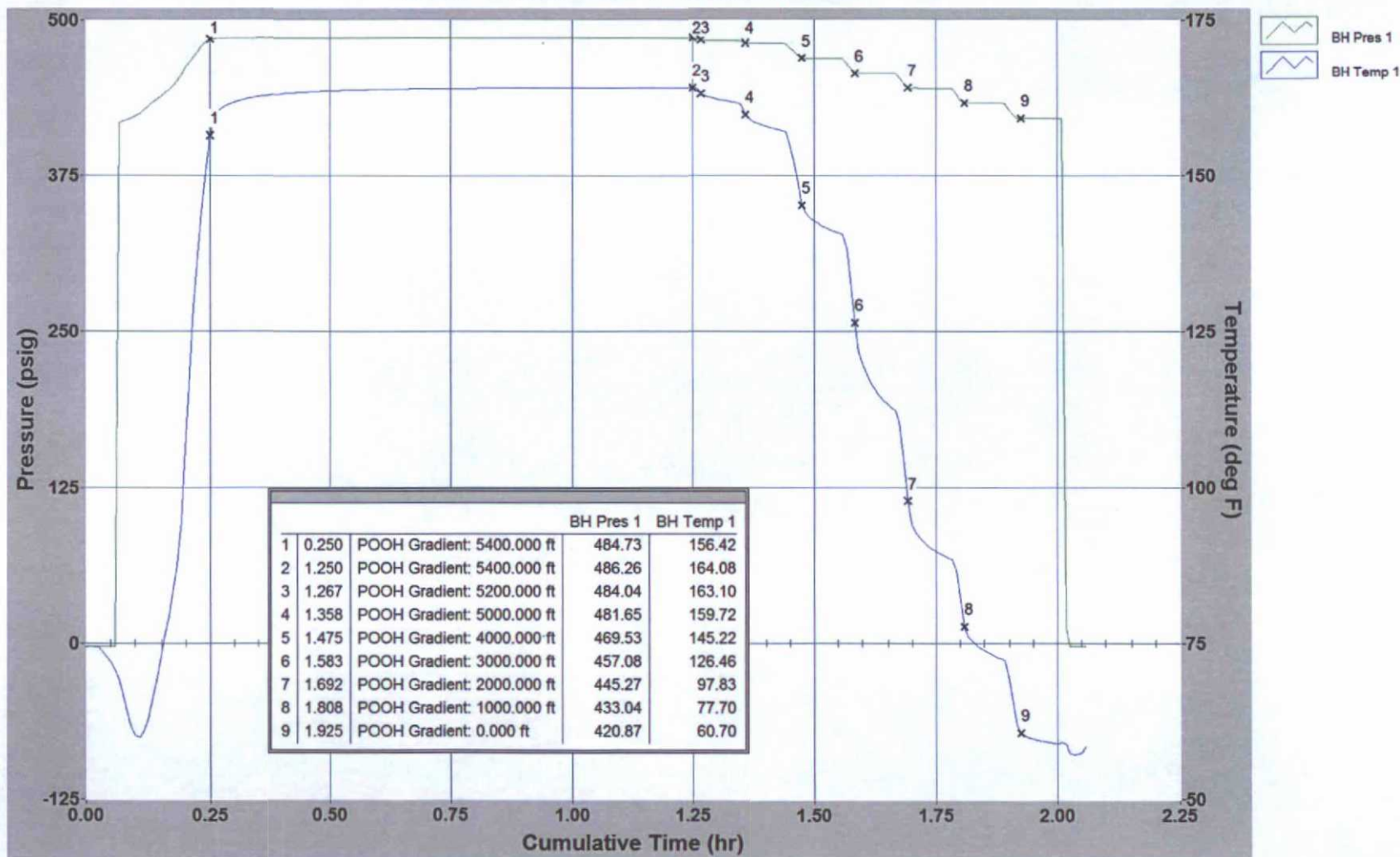
19841 Depth vs. Temperature



Company Name ConocoPhillips
 Well Name San Juan 29-7 Unit #300
 Type of Test POOH Static Gradient
 Date(s) of Test 5/26/2016



San Juan 29-7 Unit #300



Company Name ConocoPhillips
Well Name San Juan 29-7 Unit #300
Type of Test POOH Static Gradient
Date(s) of Test 5/26/2016



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	09:58:35	0.0000	-1.942	74.415
2016/05/26	09:59:05	0.0083	-1.903	74.539
2016/05/26	09:59:35	0.0167	-1.885	74.509
2016/05/26	10:00:05	0.0250	-1.885	74.478
2016/05/26	10:00:35	0.0333	-1.916	73.787
2016/05/26	10:01:05	0.0417	-1.852	72.783
2016/05/26	10:01:35	0.0500	-1.928	71.980
2016/05/26	10:02:05	0.0583	-1.848	70.875
2016/05/26	10:02:35	0.0667	417.455	69.096
2016/05/26	10:03:05	0.0750	418.537	66.688
2016/05/26	10:03:35	0.0833	419.640	63.669
2016/05/26	10:04:05	0.0917	420.916	61.500
2016/05/26	10:04:35	0.1000	422.246	60.303
2016/05/26	10:05:05	0.1083	424.342	59.985
2016/05/26	10:05:35	0.1167	427.172	60.955
2016/05/26	10:06:05	0.1250	429.964	62.892
2016/05/26	10:06:35	0.1333	432.784	65.674
2016/05/26	10:07:05	0.1417	435.504	69.044
2016/05/26	10:07:35	0.1500	438.388	72.882
2016/05/26	10:08:05	0.1583	440.427	76.143
2016/05/26	10:08:35	0.1667	443.226	79.360
2016/05/26	10:09:05	0.1750	446.292	83.152
2016/05/26	10:09:35	0.1833	450.501	87.548
2016/05/26	10:10:05	0.1917	455.635	94.474
2016/05/26	10:10:35	0.2000	460.826	106.146
2016/05/26	10:11:05	0.2083	465.468	118.216
2016/05/26	10:11:35	0.2167	470.046	128.759
2016/05/26	10:12:05	0.2250	474.405	137.286
2016/05/26	10:12:35	0.2333	478.744	144.131
2016/05/26	10:13:05	0.2417	482.307	150.381
POOH Gradient: 5400.000 ft				
2016/05/26	10:13:35	0.2500	484.726	156.418
2016/05/26	10:14:05	0.2583	485.112	159.323
2016/05/26	10:14:35	0.2667	485.296	160.279
2016/05/26	10:15:05	0.2750	485.398	160.826
2016/05/26	10:15:35	0.2833	485.502	161.211
2016/05/26	10:16:05	0.2917	485.482	161.492
2016/05/26	10:16:35	0.3000	485.595	161.722
2016/05/26	10:17:05	0.3083	485.642	161.929
2016/05/26	10:17:35	0.3167	485.621	162.108
2016/05/26	10:18:05	0.3250	485.582	162.255
2016/05/26	10:18:35	0.3333	485.651	162.392
2016/05/26	10:19:05	0.3417	485.707	162.509
2016/05/26	10:19:35	0.3500	485.748	162.619
2016/05/26	10:20:05	0.3583	485.801	162.727
2016/05/26	10:20:35	0.3667	485.726	162.813
2016/05/26	10:21:05	0.3750	485.762	162.901
2016/05/26	10:21:35	0.3833	485.759	162.977
2016/05/26	10:22:05	0.3917	485.791	163.047
2016/05/26	10:22:35	0.4000	485.816	163.117
2016/05/26	10:23:05	0.4083	485.845	163.179
2016/05/26	10:23:35	0.4167	485.867	163.229
2016/05/26	10:24:05	0.4250	485.886	163.272
2016/05/26	10:24:35	0.4333	485.891	163.321

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	10:25:05	0.4417	485.909	163.362
2016/05/26	10:25:35	0.4500	485.901	163.404
2016/05/26	10:26:05	0.4583	485.916	163.440
2016/05/26	10:26:35	0.4667	485.914	163.472
2016/05/26	10:27:05	0.4750	485.928	163.506
2016/05/26	10:27:35	0.4833	485.942	163.539
2016/05/26	10:28:05	0.4917	485.948	163.557
2016/05/26	10:28:35	0.5000	485.959	163.584
2016/05/26	10:29:05	0.5083	485.970	163.611
2016/05/26	10:29:35	0.5167	485.970	163.632
2016/05/26	10:30:05	0.5250	485.978	163.648
2016/05/26	10:30:35	0.5333	485.985	163.668
2016/05/26	10:31:05	0.5417	485.994	163.692
2016/05/26	10:31:35	0.5500	485.998	163.704
2016/05/26	10:32:05	0.5583	486.003	163.719
2016/05/26	10:32:35	0.5667	486.005	163.729
2016/05/26	10:33:05	0.5750	486.016	163.751
2016/05/26	10:33:35	0.5833	486.019	163.760
2016/05/26	10:34:05	0.5917	486.021	163.771
2016/05/26	10:34:35	0.6000	486.028	163.791
2016/05/26	10:35:05	0.6083	486.034	163.807
2016/05/26	10:35:35	0.6167	486.036	163.816
2016/05/26	10:36:05	0.6250	486.039	163.827
2016/05/26	10:36:35	0.6333	486.050	163.845
2016/05/26	10:37:05	0.6417	486.047	163.845
2016/05/26	10:37:35	0.6500	486.053	163.861
2016/05/26	10:38:05	0.6583	486.058	163.872
2016/05/26	10:38:35	0.6667	486.059	163.879
2016/05/26	10:39:05	0.6750	486.060	163.886
2016/05/26	10:39:35	0.6833	486.064	163.895
2016/05/26	10:40:05	0.6917	486.074	163.913
2016/05/26	10:40:35	0.7000	486.074	163.913
2016/05/26	10:41:05	0.7083	486.077	163.924
2016/05/26	10:41:35	0.7167	486.076	163.922
2016/05/26	10:42:05	0.7250	486.084	163.938
2016/05/26	10:42:35	0.7333	486.088	163.942
2016/05/26	10:43:05	0.7417	486.089	163.944
2016/05/26	10:43:35	0.7500	486.101	163.963
2016/05/26	10:44:05	0.7583	486.100	163.960
2016/05/26	10:44:35	0.7667	486.105	163.969
2016/05/26	10:45:05	0.7750	486.110	163.980
2016/05/26	10:45:35	0.7833	486.111	163.976
2016/05/26	10:46:05	0.7917	486.115	163.985
2016/05/26	10:46:35	0.8000	486.117	163.989
2016/05/26	10:47:05	0.8083	486.120	163.996
2016/05/26	10:47:35	0.8167	486.122	163.998
2016/05/26	10:48:05	0.8250	486.125	164.008
2016/05/26	10:48:35	0.8333	486.131	164.016
2016/05/26	10:49:05	0.8417	486.127	164.008
2016/05/26	10:49:35	0.8500	486.130	164.014
2016/05/26	10:50:05	0.8583	486.144	164.014
2016/05/26	10:50:35	0.8667	486.149	164.019
2016/05/26	10:51:05	0.8750	486.151	164.019
2016/05/26	10:51:35	0.8833	486.148	164.017

Company Name ConocoPhillips
Well Name San Juan 29-7 Unit #300
Type of Test POOH Static Gradient
Date(s) of Test 5/26/2016



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	10:52:05	0.8917	486.150	164.016
2016/05/26	10:52:35	0.9000	486.150	164.023
2016/05/26	10:53:05	0.9083	486.153	164.023
2016/05/26	10:53:35	0.9167	486.158	164.026
2016/05/26	10:54:05	0.9250	486.155	164.026
2016/05/26	10:54:35	0.9333	486.153	164.028
2016/05/26	10:55:05	0.9417	486.158	164.032
2016/05/26	10:55:35	0.9500	486.157	164.025
2016/05/26	10:56:05	0.9583	486.161	164.028
2016/05/26	10:56:35	0.9667	486.169	164.037
2016/05/26	10:57:05	0.9750	486.166	164.032
2016/05/26	10:57:35	0.9833	486.167	164.034
2016/05/26	10:58:05	0.9917	486.171	164.037
2016/05/26	10:58:35	1.0000	486.172	164.039
2016/05/26	10:59:05	1.0083	486.174	164.037
2016/05/26	10:59:35	1.0167	486.174	164.041
2016/05/26	11:00:05	1.0250	486.173	164.041
2016/05/26	11:00:35	1.0333	486.175	164.041
2016/05/26	11:01:05	1.0417	486.187	164.059
2016/05/26	11:01:35	1.0500	486.185	164.055
2016/05/26	11:02:05	1.0583	486.181	164.044
2016/05/26	11:02:35	1.0667	486.186	164.055
2016/05/26	11:03:05	1.0750	486.183	164.055
2016/05/26	11:03:35	1.0833	486.185	164.055
2016/05/26	11:04:05	1.0917	486.213	164.055
2016/05/26	11:04:35	1.1000	486.209	164.048
2016/05/26	11:05:05	1.1083	486.215	164.059
2016/05/26	11:05:35	1.1167	486.216	164.057
2016/05/26	11:06:05	1.1250	486.219	164.057
2016/05/26	11:06:35	1.1333	486.220	164.053
2016/05/26	11:07:05	1.1417	486.223	164.055
2016/05/26	11:07:35	1.1500	486.231	164.059
2016/05/26	11:08:05	1.1583	486.230	164.057
2016/05/26	11:08:35	1.1667	486.233	164.062
2016/05/26	11:09:05	1.1750	486.233	164.062
2016/05/26	11:09:35	1.1833	486.236	164.068
2016/05/26	11:10:05	1.1917	486.238	164.068
2016/05/26	11:10:35	1.2000	486.238	164.061
2016/05/26	11:11:05	1.2083	486.243	164.073
2016/05/26	11:11:35	1.2167	486.244	164.070
2016/05/26	11:12:05	1.2250	486.248	164.071
2016/05/26	11:12:35	1.2333	486.251	164.071
2016/05/26	11:13:05	1.2417	486.252	164.070
POOH Gradient: 5400.000 ft				
2016/05/26	11:13:35	1.2500	486.260	164.080
2016/05/26	11:14:05	1.2583	484.898	163.902
POOH Gradient: 5200.000 ft				
2016/05/26	11:14:35	1.2667	484.044	163.099
2016/05/26	11:15:05	1.2750	483.886	162.783
2016/05/26	11:15:35	1.2833	483.891	162.563
2016/05/26	11:16:05	1.2917	483.872	162.372
2016/05/26	11:16:35	1.3000	483.819	162.214
2016/05/26	11:17:05	1.3083	483.866	162.072
2016/05/26	11:17:35	1.3167	483.839	161.942

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	11:18:05	1.3250	483.936	161.823
2016/05/26	11:18:35	1.3333	483.881	161.713
2016/05/26	11:19:05	1.3417	483.886	161.614
2016/05/26	11:19:35	1.3500	482.989	161.395
POOH Gradient: 5000.000 ft				
2016/05/26	11:20:05	1.3583	481.647	159.717
2016/05/26	11:20:35	1.3667	481.510	158.994
2016/05/26	11:21:05	1.3750	481.489	158.621
2016/05/26	11:21:35	1.3833	481.518	158.322
2016/05/26	11:22:05	1.3917	481.525	158.077
2016/05/26	11:22:35	1.4000	481.529	157.847
2016/05/26	11:23:05	1.4083	481.502	157.640
2016/05/26	11:23:35	1.4167	481.484	157.469
2016/05/26	11:24:05	1.4250	481.491	157.305
2016/05/26	11:24:35	1.4333	481.428	157.168
2016/05/26	11:25:05	1.4417	480.830	156.961
2016/05/26	11:25:35	1.4500	477.909	155.127
2016/05/26	11:26:05	1.4583	474.784	152.285
2016/05/26	11:26:35	1.4667	471.526	148.800
POOH Gradient: 4000.000 ft				
2016/05/26	11:27:05	1.4750	469.531	145.216
2016/05/26	11:27:35	1.4833	469.375	143.884
2016/05/26	11:28:05	1.4917	469.372	143.199
2016/05/26	11:28:35	1.5000	469.411	142.664
2016/05/26	11:29:05	1.5083	469.336	142.219
2016/05/26	11:29:35	1.5167	469.334	141.838
2016/05/26	11:30:05	1.5250	469.349	141.510
2016/05/26	11:30:35	1.5333	469.285	141.220
2016/05/26	11:31:05	1.5417	469.338	140.963
2016/05/26	11:31:35	1.5500	469.326	140.736
2016/05/26	11:32:05	1.5583	468.845	140.515
2016/05/26	11:32:35	1.5667	464.864	138.254
2016/05/26	11:33:05	1.5750	460.697	133.050
POOH Gradient: 3000.000 ft				
2016/05/26	11:33:35	1.5833	457.078	126.462
2016/05/26	11:34:05	1.5917	456.939	121.802
2016/05/26	11:34:35	1.6000	456.867	119.640
2016/05/26	11:35:05	1.6083	456.848	118.029
2016/05/26	11:35:35	1.6167	456.925	116.739
2016/05/26	11:36:05	1.6250	456.904	115.675
2016/05/26	11:36:35	1.6333	456.891	114.766
2016/05/26	11:37:05	1.6417	456.844	113.999
2016/05/26	11:37:35	1.6500	456.883	113.356
2016/05/26	11:38:05	1.6583	456.934	112.786
2016/05/26	11:38:35	1.6667	456.889	112.307
2016/05/26	11:39:05	1.6750	453.526	110.460
2016/05/26	11:39:35	1.6833	449.239	104.585
POOH Gradient: 2000.000 ft				
2016/05/26	11:40:05	1.6917	445.272	97.835
2016/05/26	11:40:35	1.7000	444.917	94.095
2016/05/26	11:41:05	1.7083	444.970	92.804
2016/05/26	11:41:35	1.7167	444.916	91.908
2016/05/26	11:42:05	1.7250	444.893	91.200
2016/05/26	11:42:35	1.7333	444.912	90.608

Company Name ConocoPhillips
 Well Name San Juan 29-7 Unit #300
 Type of Test POOH Static Gradient
 Date(s) of Test 5/26/2016



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	11:43:05	1.7417	444.856	90.118
2016/05/26	11:43:35	1.7500	444.926	89.690
2016/05/26	11:44:05	1.7583	444.920	89.317
2016/05/26	11:44:35	1.7667	444.894	89.002
2016/05/26	11:45:05	1.7750	444.896	88.725
2016/05/26	11:45:35	1.7833	444.774	88.477
2016/05/26	11:46:05	1.7917	440.189	86.743
2016/05/26	11:46:35	1.8000	435.600	82.591
POOH Gradient: 1000.000 ft				
2016/05/26	11:47:05	1.8083	433.040	77.702
2016/05/26	11:47:35	1.8167	432.969	76.132
2016/05/26	11:48:05	1.8250	432.974	75.349
2016/05/26	11:48:35	1.8333	432.893	74.754
2016/05/26	11:49:05	1.8417	432.866	74.269
2016/05/26	11:49:35	1.8500	432.915	73.843
2016/05/26	11:50:05	1.8583	432.938	73.479
2016/05/26	11:50:35	1.8667	432.896	73.137
2016/05/26	11:51:05	1.8750	432.900	72.847
2016/05/26	11:51:35	1.8833	432.931	72.581
2016/05/26	11:52:05	1.8917	432.251	72.300
2016/05/26	11:52:35	1.9000	427.668	69.726
2016/05/26	11:53:05	1.9083	423.410	65.655
2016/05/26	11:53:35	1.9167	421.023	62.157
POOH Gradient: 0.000 ft				
2016/05/26	11:54:05	1.9250	420.872	60.705
2016/05/26	11:54:35	1.9333	420.880	60.246
2016/05/26	11:55:05	1.9417	420.903	59.952
2016/05/26	11:55:35	1.9500	420.902	59.736
2016/05/26	11:56:05	1.9583	420.923	59.551
2016/05/26	11:56:35	1.9667	420.893	59.400
2016/05/26	11:57:05	1.9750	420.919	59.266
2016/05/26	11:57:35	1.9833	420.941	59.149
2016/05/26	11:58:05	1.9917	420.910	59.061
2016/05/26	11:58:35	2.0000	420.951	58.977
2016/05/26	11:59:05	2.0083	420.888	59.248
2016/05/26	11:59:35	2.0167	12.632	59.027
2016/05/26	12:00:05	2.0250	-1.882	57.466
2016/05/26	12:00:35	2.0333	-1.849	57.254
2016/05/26	12:01:05	2.0417	-1.877	57.337
2016/05/26	12:01:35	2.0500	-1.862	57.630