

San Juan 32-7 Unit #203
BP API # 30045-27458

Pressure Test Report

OIL CONS. DIV DIST. 3
MAY 25 2017

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 32-7 Unit #203
Well Location	T32N, R7W, Sec. 22
Field and Pool	Fruitland Coal
Status (Oil, Gas, Water, Injection)	Observation
Perforated Intervals	3205-3240
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	13
Casing Flange (CF)	
KB-CF	
Ground Level	6624
Plug Back Total Depth	3305
Total Depth	3349
Production Casing	7 to 3349
Production Tubing	2 7/8 to 3288

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/22/17
Dead-weight Gauge Tubing Pressure	100
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	
Date / Time on Bottom	5/22/17 @ 0725
Date / Time off Bottom	5/22/17 @ 0825
Probe Serial Number	W1035
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3223

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	93.0 psig
Maximum Recorded Probe Temperature	114.6 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 32-7 Unit #203
Type of Test POOH Static Gradient
Date(s) of Test 5/22/17



PROBE INFORMATION

Probe Serial Number W1035
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
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COMMENTS

Reported By

Expert Downhole Services, Inc.

RIH with 1.50 Impression Block and tagged fill @ 3302 WLM. RIH with BHP memory gauge to 3223 for 1 hour, then POOH making 5 minute gradient stops per request.

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Pressure vs. Depth

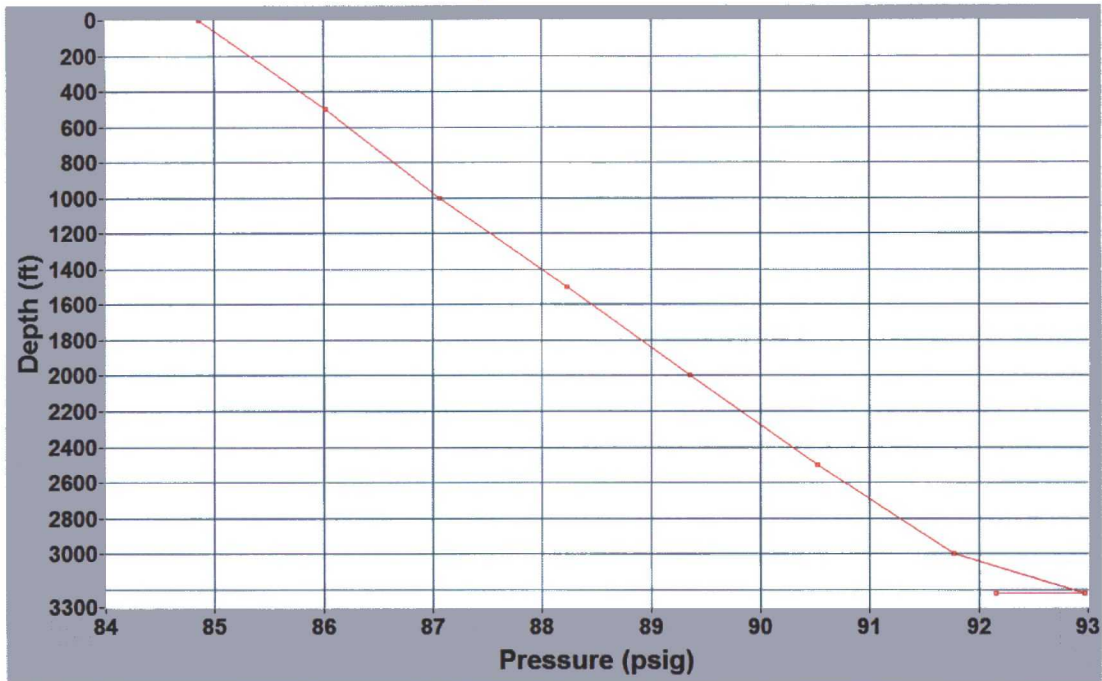
Probe Serial Number W1035

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		3223.000	92.155	-	114.622	-
0725	0825	3223.000	92.971	-	91.377	-
0826	0831	3000.000	91.768	0.0054	114.521	-0.1038
0831	0836	2500.000	90.520	0.0025	112.264	0.0045
0837	0842	2000.000	89.357	0.0023	106.801	0.0109
0843	0848	1500.000	88.228	0.0023	99.698	0.0142
0849	0854	1000.000	87.062	0.0023	92.316	0.0148
0855	0900	500.000	86.016	0.0021	83.763	0.0171
0901	0906	0.000	84.862	0.0023	74.437	0.0187

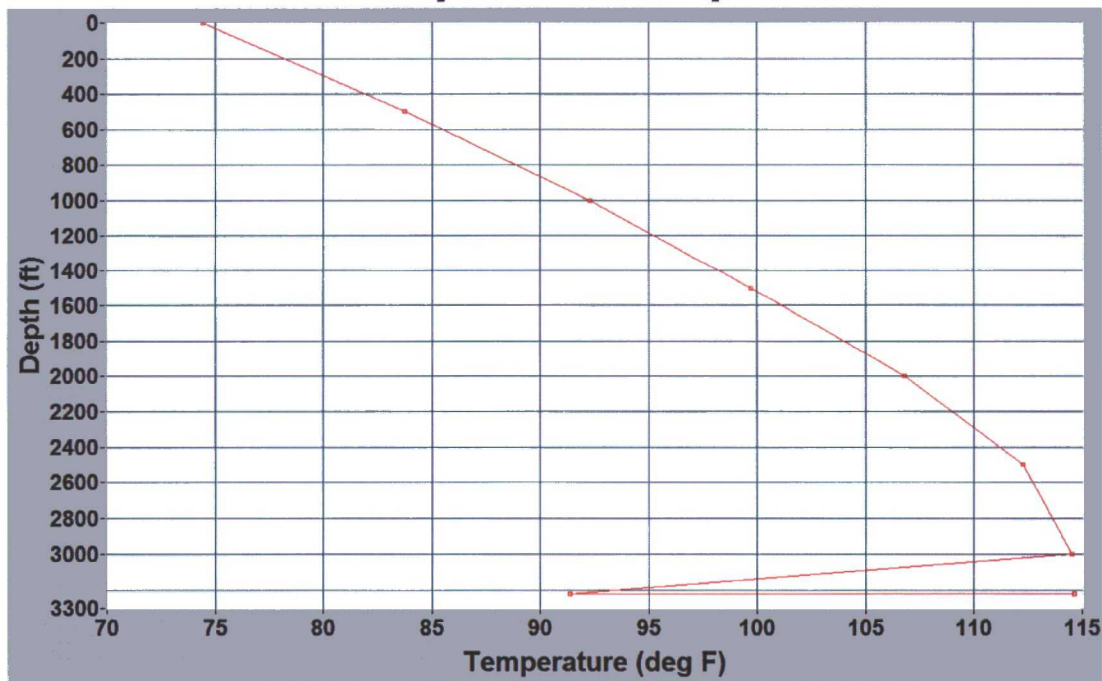
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

W1035 Depth vs. Pressure



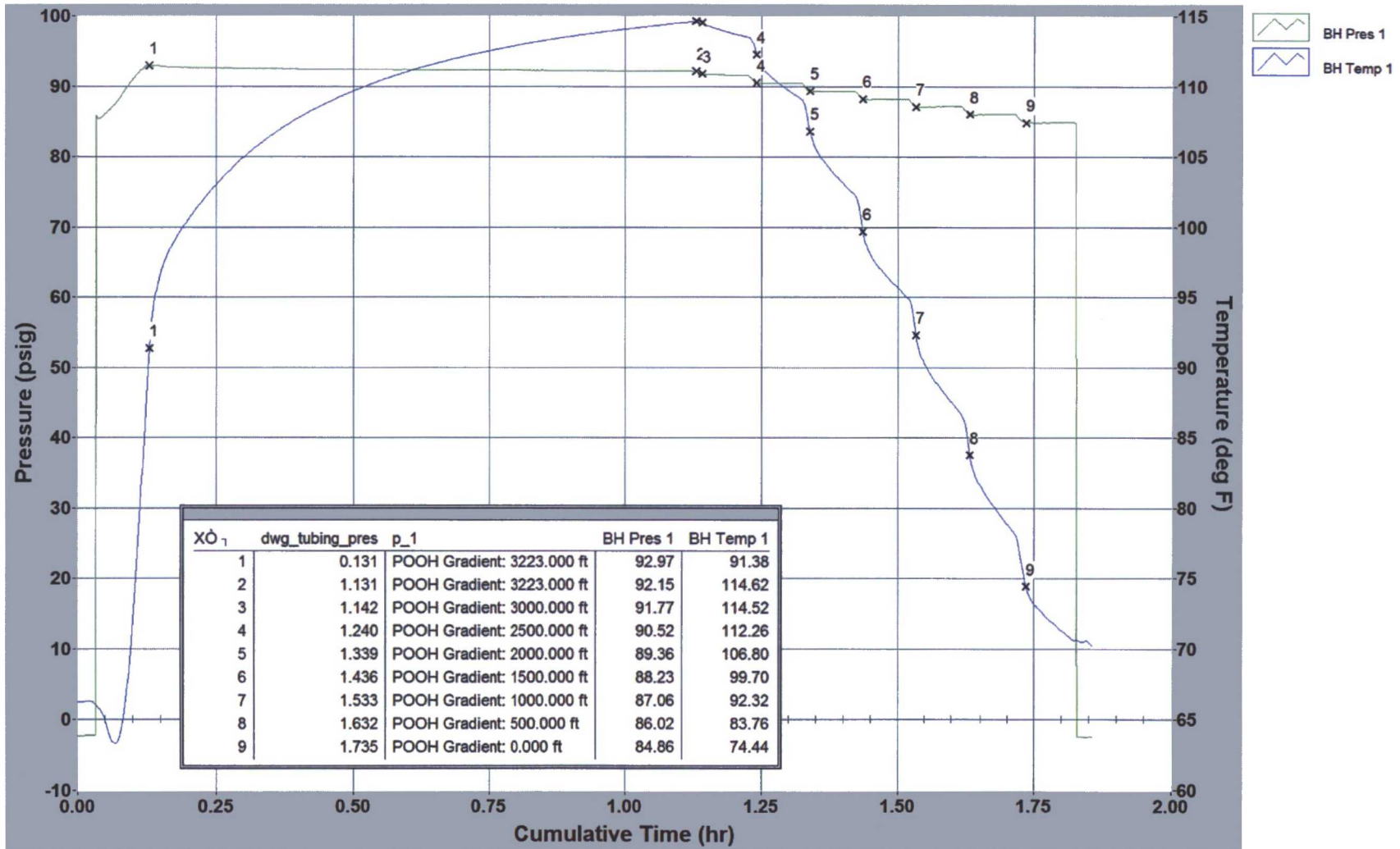
W1035 Depth vs. Temperature



Company Name ConocoPhillips
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 Date(s) of Test 5/22/17



San Juan 32-7 Unit #203



Company Name ConocoPhillips
Well Name San Juan 32-7 Unit #203
Type of Test POOH Static Gradient
Date(s) of Test 5/22/17



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/22	07:17:35	0.0000	-2.293	66.236
2017/05/22	07:18:05	0.0083	-2.289	66.245
2017/05/22	07:18:35	0.0167	-2.209	66.303
2017/05/22	07:19:05	0.0250	-2.201	66.294
2017/05/22	07:19:35	0.0333	-2.149	66.054
2017/05/22	07:20:05	0.0417	85.502	65.658
2017/05/22	07:20:35	0.0500	86.024	64.953
2017/05/22	07:21:05	0.0583	86.625	63.901
2017/05/22	07:21:35	0.0667	87.304	63.342
2017/05/22	07:22:05	0.0750	88.080	63.703
2017/05/22	07:22:35	0.0833	89.045	65.226
2017/05/22	07:23:05	0.0917	89.999	67.975
2017/05/22	07:23:35	0.1000	90.892	72.048
2017/05/22	07:24:05	0.1083	91.687	76.788
2017/05/22	07:24:35	0.1167	92.336	82.090
2017/05/22	07:25:05	0.1250	92.889	87.903
POOH Gradient: 3223.000 ft				
2017/05/22	07:25:25	0.1306	92.971	91.377
2017/05/22	07:25:35	0.1333	93.006	92.727
2017/05/22	07:26:05	0.1417	92.928	95.266
2017/05/22	07:26:35	0.1500	92.867	96.685
2017/05/22	07:27:05	0.1583	92.788	97.641
2017/05/22	07:27:35	0.1667	92.763	98.377
2017/05/22	07:28:05	0.1750	92.719	98.991
2017/05/22	07:28:35	0.1833	92.686	99.540
2017/05/22	07:29:05	0.1917	92.666	100.042
2017/05/22	07:29:35	0.2000	92.669	100.524
2017/05/22	07:30:05	0.2083	92.642	100.974
2017/05/22	07:30:35	0.2167	92.622	101.422
2017/05/22	07:31:05	0.2250	92.622	101.845
2017/05/22	07:31:35	0.2333	92.621	102.252
2017/05/22	07:32:05	0.2417	92.604	102.637
2017/05/22	07:32:35	0.2500	92.588	103.015
2017/05/22	07:33:05	0.2583	92.573	103.381
2017/05/22	07:33:35	0.2667	92.588	103.716
2017/05/22	07:34:05	0.2750	92.576	104.050
2017/05/22	07:34:35	0.2833	92.560	104.369
2017/05/22	07:35:05	0.2917	92.544	104.682
2017/05/22	07:35:35	0.3000	92.555	104.970
2017/05/22	07:36:05	0.3083	92.542	105.253
2017/05/22	07:36:35	0.3167	92.524	105.521
2017/05/22	07:37:05	0.3250	92.513	105.784
2017/05/22	07:37:35	0.3333	92.509	106.043
2017/05/22	07:38:05	0.3417	92.503	106.281
2017/05/22	07:38:35	0.3500	92.491	106.522
2017/05/22	07:39:05	0.3583	92.490	106.750
2017/05/22	07:39:35	0.3667	92.486	106.963
2017/05/22	07:40:05	0.3750	92.492	107.177
2017/05/22	07:40:35	0.3833	92.480	107.384
2017/05/22	07:41:05	0.3917	92.475	107.589
2017/05/22	07:41:35	0.4000	92.459	107.775
2017/05/22	07:42:05	0.4083	92.458	107.964
2017/05/22	07:42:35	0.4167	92.460	108.154
2017/05/22	07:43:05	0.4250	92.451	108.333

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/22	07:43:35	0.4333	92.446	108.498
2017/05/22	07:44:05	0.4417	92.441	108.658
2017/05/22	07:44:35	0.4500	92.434	108.815
2017/05/22	07:45:05	0.4583	92.430	108.973
2017/05/22	07:45:35	0.4667	92.432	109.121
2017/05/22	07:46:05	0.4750	92.432	109.267
2017/05/22	07:46:35	0.4833	92.420	109.407
2017/05/22	07:47:05	0.4917	92.424	109.542
2017/05/22	07:47:35	0.5000	92.407	109.681
2017/05/22	07:48:05	0.5083	92.395	109.816
2017/05/22	07:48:35	0.5167	92.395	109.933
2017/05/22	07:49:05	0.5250	92.396	110.064
2017/05/22	07:49:35	0.5333	92.394	110.190
2017/05/22	07:50:05	0.5417	92.391	110.302
2017/05/22	07:50:35	0.5500	92.384	110.422
2017/05/22	07:51:05	0.5583	92.378	110.532
2017/05/22	07:51:35	0.5667	92.373	110.638
2017/05/22	07:52:05	0.5750	92.361	110.743
2017/05/22	07:52:35	0.5833	92.352	110.853
2017/05/22	07:53:05	0.5917	92.367	110.962
2017/05/22	07:53:35	0.6000	92.362	111.058
2017/05/22	07:54:05	0.6083	92.348	111.155
2017/05/22	07:54:35	0.6167	92.349	111.256
2017/05/22	07:55:05	0.6250	92.353	111.351
2017/05/22	07:55:35	0.6333	92.343	111.436
2017/05/22	07:56:05	0.6417	92.342	111.522
2017/05/22	07:56:35	0.6500	92.335	111.616
2017/05/22	07:57:05	0.6583	92.340	111.702
2017/05/22	07:57:35	0.6667	92.336	111.781
2017/05/22	07:58:05	0.6750	92.330	111.864
2017/05/22	07:58:35	0.6833	92.321	111.938
2017/05/22	07:59:05	0.6917	92.332	112.026
2017/05/22	07:59:35	0.7000	92.332	112.098
2017/05/22	08:00:05	0.7083	92.316	112.181
2017/05/22	08:00:35	0.7167	92.317	112.246
2017/05/22	08:01:05	0.7250	92.314	112.320
2017/05/22	08:01:35	0.7333	92.306	112.384
2017/05/22	08:02:05	0.7417	92.303	112.455
2017/05/22	08:02:35	0.7500	92.301	112.523
2017/05/22	08:03:05	0.7583	92.293	112.582
2017/05/22	08:03:35	0.7667	92.296	112.658
2017/05/22	08:04:05	0.7750	92.291	112.717
2017/05/22	08:04:35	0.7833	92.286	112.779
2017/05/22	08:05:05	0.7917	92.284	112.845
2017/05/22	08:05:35	0.8000	92.285	112.906
2017/05/22	08:06:05	0.8083	92.281	112.962
2017/05/22	08:06:35	0.8167	92.276	113.020
2017/05/22	08:07:05	0.8250	92.268	113.081
2017/05/22	08:07:35	0.8333	92.261	113.133
2017/05/22	08:08:05	0.8417	92.263	113.187
2017/05/22	08:08:35	0.8500	92.261	113.239
2017/05/22	08:09:05	0.8583	92.260	113.295
2017/05/22	08:09:35	0.8667	92.252	113.358
2017/05/22	08:10:05	0.8750	92.252	113.401

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Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/22	08:10:35	0.8833	92.241	113.454
2017/05/22	08:11:05	0.8917	92.238	113.500
2017/05/22	08:11:35	0.9000	92.231	113.544
2017/05/22	08:12:05	0.9083	92.236	113.594
2017/05/22	08:12:35	0.9167	92.238	113.643
2017/05/22	08:13:05	0.9250	92.229	113.688
2017/05/22	08:13:35	0.9333	92.225	113.729
2017/05/22	08:14:05	0.9417	92.222	113.778
2017/05/22	08:14:35	0.9500	92.218	113.823
2017/05/22	08:15:05	0.9583	92.215	113.866
2017/05/22	08:15:35	0.9667	92.214	113.907
2017/05/22	08:16:05	0.9750	92.202	113.947
2017/05/22	08:16:35	0.9833	92.199	113.990
2017/05/22	08:17:05	0.9917	92.201	114.031
2017/05/22	08:17:35	1.0000	92.199	114.069
2017/05/22	08:18:05	1.0083	92.196	114.107
2017/05/22	08:18:35	1.0167	92.211	114.147
2017/05/22	08:19:05	1.0250	92.199	114.183
2017/05/22	08:19:35	1.0333	92.189	114.224
2017/05/22	08:20:05	1.0417	92.180	114.264
2017/05/22	08:20:35	1.0500	92.183	114.301
2017/05/22	08:21:05	1.0583	92.177	114.341
2017/05/22	08:21:35	1.0667	92.175	114.372
2017/05/22	08:22:05	1.0750	92.172	114.402
2017/05/22	08:22:35	1.0833	92.172	114.440
2017/05/22	08:23:05	1.0917	92.167	114.476
2017/05/22	08:23:35	1.1000	92.164	114.507
2017/05/22	08:24:05	1.1083	92.173	114.543
2017/05/22	08:24:35	1.1167	92.162	114.575
2017/05/22	08:25:05	1.1250	92.154	114.600
POOH Gradient: 3223.000 ft				
2017/05/22	08:25:25	1.1306	92.155	114.622
2017/05/22	08:25:35	1.1333	92.020	114.640
POOH Gradient: 3000.000 ft				
2017/05/22	08:26:05	1.1417	91.768	114.521
2017/05/22	08:26:35	1.1500	91.700	114.345
2017/05/22	08:27:05	1.1583	91.655	114.222
2017/05/22	08:27:35	1.1667	91.654	114.118
2017/05/22	08:28:05	1.1750	91.647	114.026
2017/05/22	08:28:35	1.1833	91.643	113.923
2017/05/22	08:29:05	1.1917	91.641	113.832
2017/05/22	08:29:35	1.2000	91.632	113.749
2017/05/22	08:30:05	1.2083	91.636	113.670
2017/05/22	08:30:35	1.2167	91.624	113.585
2017/05/22	08:31:05	1.2250	91.612	113.515
2017/05/22	08:31:35	1.2333	90.929	113.176
POOH Gradient: 2500.000 ft				
2017/05/22	08:32:00	1.2403	90.520	112.264
2017/05/22	08:32:05	1.2417	90.531	112.086
2017/05/22	08:32:35	1.2500	90.472	111.420
2017/05/22	08:33:05	1.2583	90.460	111.022
2017/05/22	08:33:35	1.2667	90.469	110.703
2017/05/22	08:34:05	1.2750	90.456	110.428
2017/05/22	08:34:35	1.2833	90.466	110.165

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/22	08:35:05	1.2917	90.475	109.927
2017/05/22	08:35:35	1.3000	90.479	109.697
2017/05/22	08:36:05	1.3083	90.480	109.474
2017/05/22	08:36:35	1.3167	90.448	109.249
2017/05/22	08:37:05	1.3250	90.376	109.035
2017/05/22	08:37:35	1.3333	89.548	107.996
POOH Gradient: 2000.000 ft				
2017/05/22	08:37:55	1.3389	89.357	106.801
2017/05/22	08:38:05	1.3417	89.348	106.360
2017/05/22	08:38:35	1.3500	89.313	105.559
2017/05/22	08:39:05	1.3583	89.326	105.022
2017/05/22	08:39:35	1.3667	89.324	104.565
2017/05/22	08:40:05	1.3750	89.333	104.169
2017/05/22	08:40:35	1.3833	89.344	103.793
2017/05/22	08:41:05	1.3917	89.318	103.435
2017/05/22	08:41:35	1.4000	89.332	103.091
2017/05/22	08:42:05	1.4083	89.334	102.760
2017/05/22	08:42:35	1.4167	89.333	102.443
2017/05/22	08:43:05	1.4250	89.018	102.016
2017/05/22	08:43:35	1.4333	88.309	100.393
POOH Gradient: 1500.000 ft				
2017/05/22	08:43:45	1.4361	88.228	99.698
2017/05/22	08:44:05	1.4417	88.188	98.753
2017/05/22	08:44:35	1.4500	88.158	98.010
2017/05/22	08:45:05	1.4583	88.197	97.506
2017/05/22	08:45:35	1.4667	88.223	97.079
2017/05/22	08:46:05	1.4750	88.208	96.694
2017/05/22	08:46:35	1.4833	88.209	96.341
2017/05/22	08:47:05	1.4917	88.212	95.992
2017/05/22	08:47:35	1.5000	88.189	95.664
2017/05/22	08:48:05	1.5083	88.211	95.340
2017/05/22	08:48:35	1.5167	88.201	95.032
2017/05/22	08:49:05	1.5250	87.740	94.368
POOH Gradient: 1000.000 ft				
2017/05/22	08:49:35	1.5333	87.062	92.316
2017/05/22	08:50:05	1.5417	87.085	90.930
2017/05/22	08:50:35	1.5500	87.108	90.208
2017/05/22	08:51:05	1.5583	87.143	89.652
2017/05/22	08:51:35	1.5667	87.121	89.157
2017/05/22	08:52:05	1.5750	87.153	88.707
2017/05/22	08:52:35	1.5833	87.145	88.272
2017/05/22	08:53:05	1.5917	87.173	87.861
2017/05/22	08:53:35	1.6000	87.136	87.463
2017/05/22	08:54:05	1.6083	87.157	87.064
2017/05/22	08:54:35	1.6167	87.150	86.686
2017/05/22	08:55:05	1.6250	86.456	85.626
POOH Gradient: 500.000 ft				
2017/05/22	08:55:30	1.6319	86.016	83.763
2017/05/22	08:55:35	1.6333	86.048	83.462
2017/05/22	08:56:05	1.6417	85.970	82.366
2017/05/22	08:56:35	1.6500	86.009	81.693
2017/05/22	08:57:05	1.6583	86.007	81.144
2017/05/22	08:57:35	1.6667	86.032	80.643
2017/05/22	08:58:05	1.6750	86.058	80.181

Company Name ConocoPhillips
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Date(s) of Test 5/22/17



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/22	08:58:35	1.6833	86.065	79.732
2017/05/22	08:59:05	1.6917	86.055	79.308
2017/05/22	08:59:35	1.7000	86.065	78.888
2017/05/22	09:00:05	1.7083	86.094	78.481
2017/05/22	09:00:35	1.7167	85.942	78.058
2017/05/22	09:01:05	1.7250	85.233	76.537
2017/05/22	09:01:35	1.7333	84.885	74.667
POOH Gradient: 0.000 ft				
2017/05/22	09:01:40	1.7347	84.862	74.437
2017/05/22	09:02:05	1.7417	84.877	73.717
2017/05/22	09:02:35	1.7500	84.866	73.207
2017/05/22	09:03:05	1.7583	84.861	72.817
2017/05/22	09:03:35	1.7667	84.889	72.482
2017/05/22	09:04:05	1.7750	84.869	72.162
2017/05/22	09:04:35	1.7833	84.893	71.866
2017/05/22	09:05:05	1.7917	84.889	71.580
2017/05/22	09:05:35	1.8000	84.907	71.303
2017/05/22	09:06:05	1.8083	84.905	71.029
2017/05/22	09:06:35	1.8167	84.884	70.763
2017/05/22	09:07:05	1.8250	84.875	70.628
2017/05/22	09:07:35	1.8333	-2.425	70.513
2017/05/22	09:08:05	1.8417	-2.474	70.540
2017/05/22	09:08:35	1.8500	-2.450	70.462