

OIL CONS. DIV DIST. 3

MAY 18 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 30-6 Unit POW 1
Well Location	T30N, R7W, Sec. 24
Field and Pool	Fruitland Coal
Status (Oil, Gas, Water, Injection)	Observation
Perforated Intervals	2484-3027
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	6118
Plug Back Total Depth	3075
Total Depth	3080
Production Casing	5 1/2 to 3080
Production Tubing	2 3/8 to 2832

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/12/16
Dead-weight Gauge Tubing Pressure	30
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/12/16 @0949
Date / Time off Bottom	5/12/16 @1049
Probe Serial Number	W1036
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3064

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	86.7 psig
Maximum Recorded Probe Temperature	118.9 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 30-6 Unit POW 1
Type of Test POOH Static Gradient
Date(s) of Test 5/12/16



PROBE INFORMATION

Probe Serial Number W1036
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 IB and tagged fill @ 3068 WLM. RIH with BHP gauge to 3064 WLM for 1 hour, then POOH making 5 minute gradient stops as requested.

Company Name ConocoPhillips
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Pressure vs. Depth

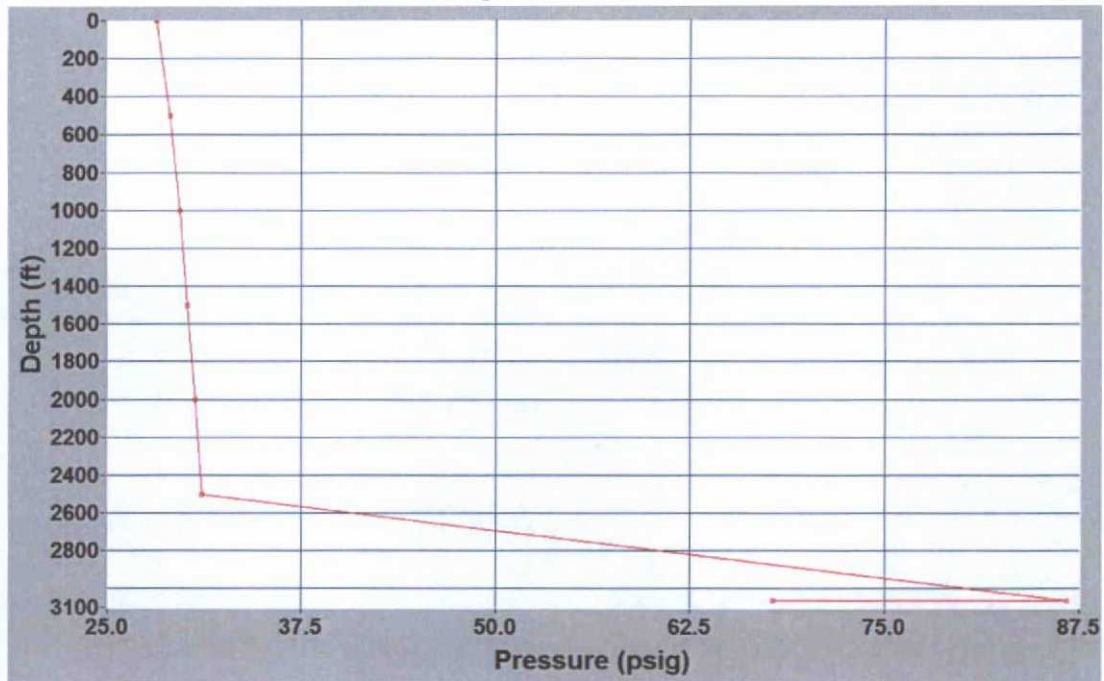
Probe Serial Number W1036

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		3064.000	86.690	-	94.847	-
0949	1049	3064.000	67.841	-	118.884	-
1050	1055	2500.000	31.162	0.0650	114.199	0.0083
1056	1101	2000.000	30.701	0.0009	108.504	0.0114
1102	1107	1500.000	30.204	0.0010	101.498	0.0140
1108	1113	1000.000	29.715	0.0010	95.565	0.0119
1114	1119	500.000	29.107	0.0012	88.088	0.0150
1120	1125	0.000	28.195	0.0018	80.424	0.0153

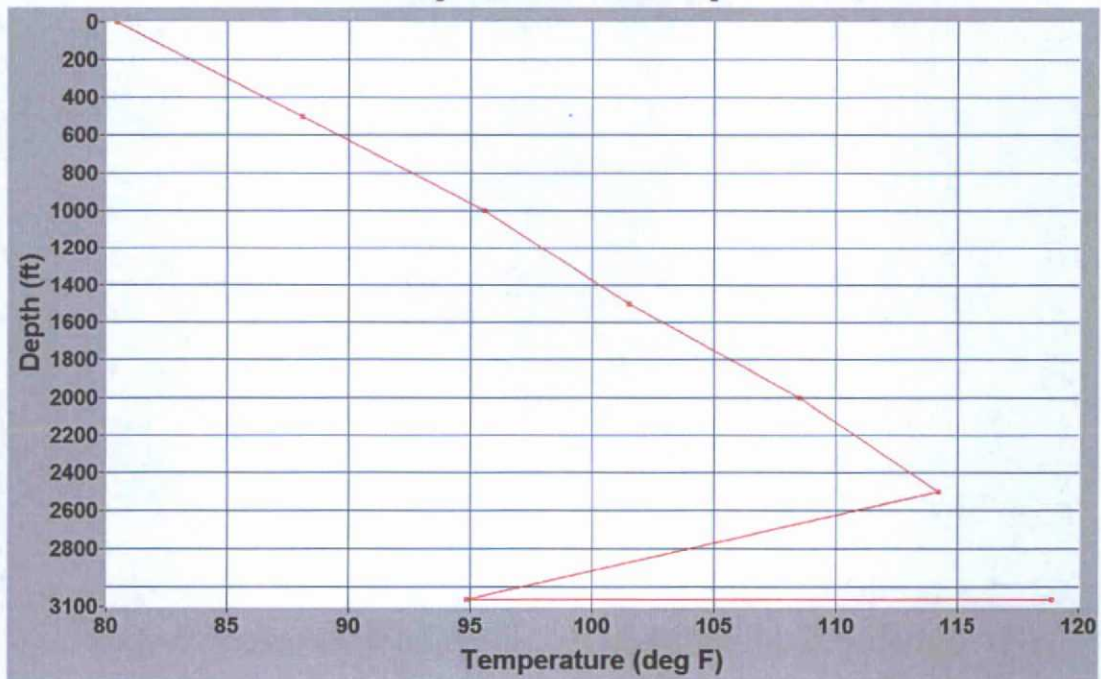
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

W1036 Depth vs. Pressure



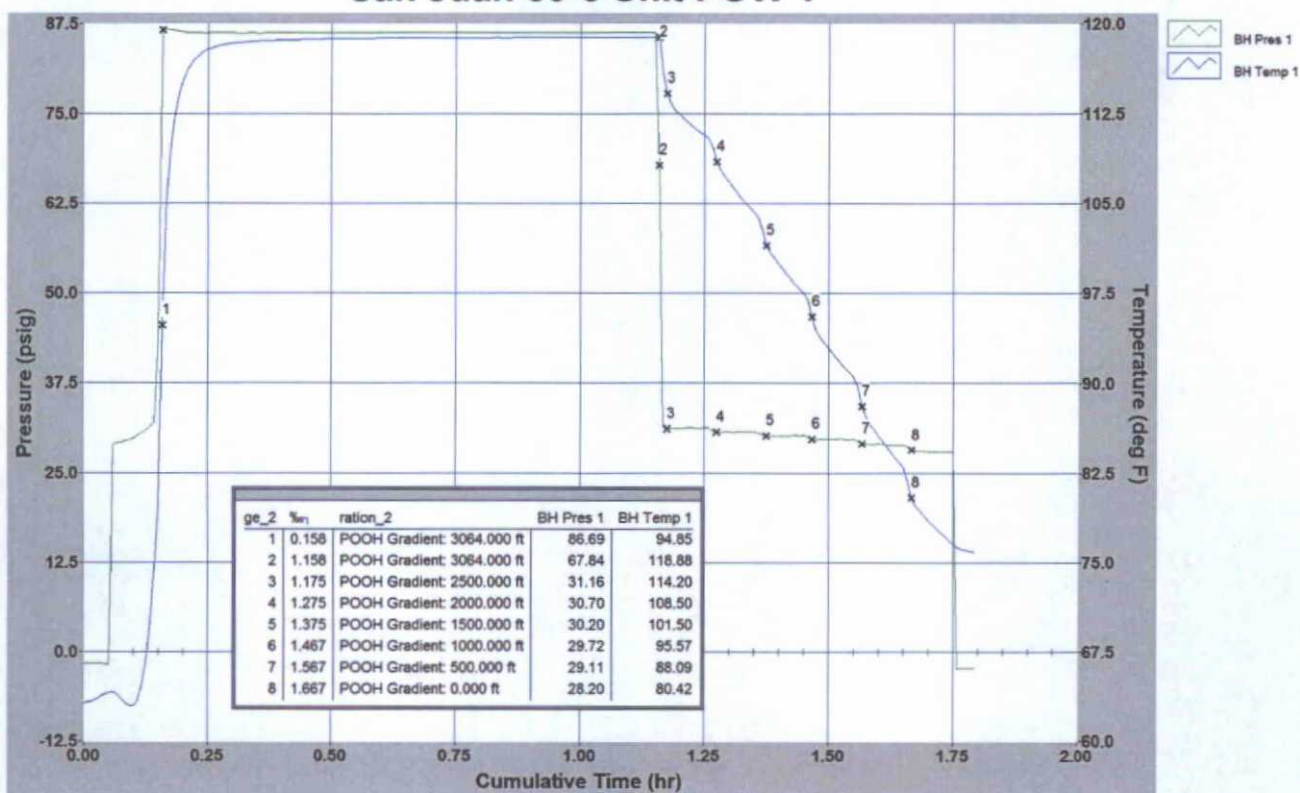
W1036 Depth vs. Temperature



Company Name ConocoPhillips
 Well Name San Juan 30-6 Unit POW 1
 Type of Test POOH Static Gradient
 Date(s) of Test 5/12/16



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 5/12/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/12	09:40:15	0.0000	-1.606	63.234
2016/05/12	09:40:45	0.0083	-1.628	63.358
2016/05/12	09:41:15	0.0167	-1.569	63.397
2016/05/12	09:41:45	0.0250	-1.619	63.606
2016/05/12	09:42:15	0.0333	-1.637	63.804
2016/05/12	09:42:45	0.0417	-1.667	63.995
2016/05/12	09:43:15	0.0500	-1.691	64.108
2016/05/12	09:43:45	0.0583	28.929	64.155
2016/05/12	09:44:15	0.0667	29.127	63.981
2016/05/12	09:44:45	0.0750	29.243	63.599
2016/05/12	09:45:15	0.0833	29.419	63.235
2016/05/12	09:45:45	0.0917	29.616	63.027
2016/05/12	09:46:15	0.1000	29.793	63.041
2016/05/12	09:46:45	0.1083	30.151	63.439
2016/05/12	09:47:15	0.1167	30.556	64.616
2016/05/12	09:47:45	0.1250	30.975	66.798
2016/05/12	09:48:15	0.1333	31.488	70.156
2016/05/12	09:48:45	0.1417	31.934	74.629
2016/05/12	09:49:15	0.1500	43.817	79.821
POOH Gradient: 3064.000 ft				
2016/05/12	09:49:45	0.1583	86.690	94.847
2016/05/12	09:50:15	0.1667	86.732	105.454
2016/05/12	09:50:45	0.1750	86.652	109.895
2016/05/12	09:51:15	0.1833	86.556	112.485
2016/05/12	09:51:45	0.1917	86.436	114.183
2016/05/12	09:52:15	0.2000	86.373	115.329
2016/05/12	09:52:45	0.2083	86.333	116.130
2016/05/12	09:53:15	0.2167	86.296	116.699
2016/05/12	09:53:45	0.2250	86.264	117.126
2016/05/12	09:54:15	0.2333	86.244	117.455
2016/05/12	09:54:45	0.2417	86.231	117.687
2016/05/12	09:55:15	0.2500	86.266	117.873
2016/05/12	09:55:45	0.2583	86.260	118.008
2016/05/12	09:56:15	0.2667	86.256	118.108
2016/05/12	09:56:45	0.2750	86.252	118.197
2016/05/12	09:57:15	0.2833	86.247	118.278
2016/05/12	09:57:45	0.2917	86.243	118.333
2016/05/12	09:58:15	0.3000	86.243	118.377
2016/05/12	09:58:45	0.3083	86.240	118.422
2016/05/12	09:59:15	0.3167	86.240	118.458
2016/05/12	09:59:45	0.3250	86.242	118.481
2016/05/12	10:00:15	0.3333	86.243	118.508
2016/05/12	10:00:45	0.3417	86.244	118.533
2016/05/12	10:01:15	0.3500	86.240	118.551
2016/05/12	10:01:45	0.3583	86.241	118.576
2016/05/12	10:02:15	0.3667	86.243	118.587
2016/05/12	10:02:45	0.3750	86.245	118.600
2016/05/12	10:03:15	0.3833	86.244	118.607
2016/05/12	10:03:45	0.3917	86.246	118.632
2016/05/12	10:04:15	0.4000	86.247	118.647
2016/05/12	10:04:45	0.4083	86.250	118.654
2016/05/12	10:05:15	0.4167	86.249	118.666
2016/05/12	10:05:45	0.4250	86.251	118.679
2016/05/12	10:06:15	0.4333	86.254	118.681

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/12	10:06:45	0.4417	86.252	118.697
2016/05/12	10:07:15	0.4500	86.254	118.713
2016/05/12	10:07:45	0.4583	86.257	118.719
2016/05/12	10:08:15	0.4667	86.259	118.728
2016/05/12	10:08:45	0.4750	86.265	118.729
2016/05/12	10:09:15	0.4833	86.267	118.733
2016/05/12	10:09:45	0.4917	86.264	118.746
2016/05/12	10:10:15	0.5000	86.266	118.751
2016/05/12	10:10:45	0.5083	86.266	118.756
2016/05/12	10:11:15	0.5167	86.268	118.762
2016/05/12	10:11:45	0.5250	86.265	118.771
2016/05/12	10:12:15	0.5333	86.262	118.769
2016/05/12	10:12:45	0.5417	86.265	118.771
2016/05/12	10:13:15	0.5500	86.264	118.776
2016/05/12	10:13:45	0.5583	86.264	118.787
2016/05/12	10:14:15	0.5667	86.266	118.785
2016/05/12	10:14:45	0.5750	86.269	118.794
2016/05/12	10:15:15	0.5833	86.269	118.796
2016/05/12	10:15:45	0.5917	86.271	118.801
2016/05/12	10:16:15	0.6000	86.274	118.805
2016/05/12	10:16:45	0.6083	86.277	118.801
2016/05/12	10:17:15	0.6167	86.279	118.812
2016/05/12	10:17:45	0.6250	86.282	118.814
2016/05/12	10:18:15	0.6333	86.281	118.818
2016/05/12	10:18:45	0.6417	86.284	118.818
2016/05/12	10:19:15	0.6500	86.287	118.814
2016/05/12	10:19:45	0.6583	86.284	118.821
2016/05/12	10:20:15	0.6667	86.287	118.819
2016/05/12	10:20:45	0.6750	86.289	118.823
2016/05/12	10:21:15	0.6833	86.292	118.830
2016/05/12	10:21:45	0.6917	86.295	118.821
2016/05/12	10:22:15	0.7000	86.294	118.834
2016/05/12	10:22:45	0.7083	86.292	118.832
2016/05/12	10:23:15	0.7167	86.289	118.834
2016/05/12	10:23:45	0.7250	86.286	118.834
2016/05/12	10:24:15	0.7333	86.285	118.841
2016/05/12	10:24:45	0.7417	86.288	118.841
2016/05/12	10:25:15	0.7500	86.291	118.839
2016/05/12	10:25:45	0.7583	86.288	118.843
2016/05/12	10:26:15	0.7667	86.288	118.841
2016/05/12	10:26:45	0.7750	86.291	118.846
2016/05/12	10:27:15	0.7833	86.293	118.848
2016/05/12	10:27:45	0.7917	86.296	118.852
2016/05/12	10:28:15	0.8000	86.293	118.846
2016/05/12	10:28:45	0.8083	86.296	118.846
2016/05/12	10:29:15	0.8167	86.299	118.850
2016/05/12	10:29:45	0.8250	86.302	118.850
2016/05/12	10:30:15	0.8333	86.299	118.855
2016/05/12	10:30:45	0.8417	86.302	118.848
2016/05/12	10:31:15	0.8500	86.305	118.852
2016/05/12	10:31:45	0.8583	86.304	118.854
2016/05/12	10:32:15	0.8667	86.301	118.859
2016/05/12	10:32:45	0.8750	86.298	118.861
2016/05/12	10:33:15	0.8833	86.295	118.859

Company Name ConocoPhillips
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Date(s) of Test 5/12/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/12	10:33:45	0.8917	86.295	118.859
2016/05/12	10:34:15	0.9000	86.292	118.863
2016/05/12	10:34:45	0.9083	86.295	118.859
2016/05/12	10:35:15	0.9167	86.298	118.868
2016/05/12	10:35:45	0.9250	86.300	118.870
2016/05/12	10:36:15	0.9333	86.301	118.868
2016/05/12	10:36:45	0.9417	86.301	118.861
2016/05/12	10:37:15	0.9500	86.304	118.863
2016/05/12	10:37:45	0.9583	86.301	118.866
2016/05/12	10:38:15	0.9667	86.303	118.868
2016/05/12	10:38:45	0.9750	86.303	118.870
2016/05/12	10:39:15	0.9833	86.300	118.872
2016/05/12	10:39:45	0.9917	86.300	118.870
2016/05/12	10:40:15	1.0000	86.303	118.870
2016/05/12	10:40:45	1.0083	86.303	118.879
2016/05/12	10:41:15	1.0167	86.300	118.881
2016/05/12	10:41:45	1.0250	86.300	118.879
2016/05/12	10:42:15	1.0333	86.297	118.877
2016/05/12	10:42:45	1.0417	86.294	118.882
2016/05/12	10:43:15	1.0500	86.294	118.875
2016/05/12	10:43:45	1.0583	86.297	118.882
2016/05/12	10:44:15	1.0667	86.300	118.882
2016/05/12	10:44:45	1.0750	86.297	118.877
2016/05/12	10:45:15	1.0833	86.297	118.877
2016/05/12	10:45:45	1.0917	86.294	118.879
2016/05/12	10:46:15	1.1000	86.297	118.884
2016/05/12	10:46:45	1.1083	86.299	118.882
2016/05/12	10:47:15	1.1167	86.299	118.888
2016/05/12	10:47:45	1.1250	86.302	118.890
2016/05/12	10:48:15	1.1333	86.299	118.888
2016/05/12	10:48:45	1.1417	86.299	118.886
2016/05/12	10:49:15	1.1500	86.297	118.882
POOH Gradient: 3064.000 ft				
2016/05/12	10:49:45	1.1583	67.841	118.884
2016/05/12	10:50:15	1.1667	31.409	115.884
POOH Gradient: 2500.000 ft				
2016/05/12	10:50:45	1.1750	31.162	114.199
2016/05/12	10:51:15	1.1833	31.173	113.310
2016/05/12	10:51:45	1.1917	31.212	112.813
2016/05/12	10:52:15	1.2000	31.207	112.444
2016/05/12	10:52:45	1.2083	31.253	112.102
2016/05/12	10:53:15	1.2167	31.269	111.790
2016/05/12	10:53:45	1.2250	31.306	111.510
2016/05/12	10:54:15	1.2333	31.250	111.236
2016/05/12	10:54:45	1.2417	31.230	110.964
2016/05/12	10:55:15	1.2500	31.267	110.707
2016/05/12	10:55:45	1.2583	31.281	110.455
2016/05/12	10:56:15	1.2667	30.878	109.785
POOH Gradient: 2000.000 ft				
2016/05/12	10:56:45	1.2750	30.701	108.504
2016/05/12	10:57:15	1.2833	30.662	107.766
2016/05/12	10:57:45	1.2917	30.723	107.240
2016/05/12	10:58:15	1.3000	30.752	106.747
2016/05/12	10:58:45	1.3083	30.684	106.288

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/12	10:59:15	1.3167	30.717	105.849
2016/05/12	10:59:45	1.3250	30.698	105.420
2016/05/12	11:00:15	1.3333	30.747	105.004
2016/05/12	11:00:45	1.3417	30.738	104.605
2016/05/12	11:01:15	1.3500	30.700	104.212
2016/05/12	11:01:45	1.3583	30.594	103.833
2016/05/12	11:02:15	1.3667	30.330	102.803
POOH Gradient: 1500.000 ft				
2016/05/12	11:02:45	1.3750	30.204	101.498
2016/05/12	11:03:15	1.3833	30.154	100.863
2016/05/12	11:03:45	1.3917	30.180	100.384
2016/05/12	11:04:15	1.4000	30.163	99.948
2016/05/12	11:04:45	1.4083	30.226	99.522
2016/05/12	11:05:15	1.4167	30.152	99.102
2016/05/12	11:05:45	1.4250	30.215	98.690
2016/05/12	11:06:15	1.4333	30.238	98.274
2016/05/12	11:06:45	1.4417	30.215	97.869
2016/05/12	11:07:15	1.4500	30.257	97.473
2016/05/12	11:07:45	1.4583	30.017	96.948
POOH Gradient: 1000.000 ft				
2016/05/12	11:08:15	1.4667	29.715	95.565
2016/05/12	11:08:45	1.4750	29.639	94.402
2016/05/12	11:09:15	1.4833	29.673	93.821
2016/05/12	11:09:45	1.4917	29.691	93.355
2016/05/12	11:10:15	1.5000	29.721	92.914
2016/05/12	11:10:45	1.5083	29.724	92.487
2016/05/12	11:11:15	1.5167	29.733	92.080
2016/05/12	11:11:45	1.5250	29.795	91.672
2016/05/12	11:12:15	1.5333	29.670	91.278
2016/05/12	11:12:45	1.5417	29.667	90.880
2016/05/12	11:13:15	1.5500	29.711	90.498
2016/05/12	11:13:45	1.5583	29.375	89.699
POOH Gradient: 500.000 ft				
2016/05/12	11:14:15	1.5667	29.107	88.088
2016/05/12	11:14:45	1.5750	29.051	87.156
2016/05/12	11:15:15	1.5833	29.000	86.580
2016/05/12	11:15:45	1.5917	29.010	86.079
2016/05/12	11:16:15	1.6000	29.041	85.602
2016/05/12	11:16:45	1.6083	28.943	85.147
2016/05/12	11:17:15	1.6167	28.908	84.690
2016/05/12	11:17:45	1.6250	28.897	84.256
2016/05/12	11:18:15	1.6333	28.902	83.818
2016/05/12	11:18:45	1.6417	28.840	83.386
2016/05/12	11:19:15	1.6500	28.862	82.965
2016/05/12	11:19:45	1.6583	28.554	81.851
POOH Gradient: 0.000 ft				
2016/05/12	11:20:15	1.6667	28.195	80.424
2016/05/12	11:20:45	1.6750	28.100	79.714
2016/05/12	11:21:15	1.6833	28.018	79.272
2016/05/12	11:21:45	1.6917	28.002	78.897
2016/05/12	11:22:15	1.7000	27.963	78.530
2016/05/12	11:22:45	1.7083	27.981	78.177
2016/05/12	11:23:15	1.7167	27.957	77.830
2016/05/12	11:23:45	1.7250	27.978	77.493

Company Name ConocoPhillips
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Type of Test POOH Static Gradient
Date(s) of Test 5/12/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/12	11:24:15	1.7333	27.973	77.148
2016/05/12	11:24:45	1.7417	27.920	76.818
2016/05/12	11:25:15	1.7500	27.968	76.492
2016/05/12	11:25:45	1.7583	-2.297	76.284
2016/05/12	11:26:15	1.7667	-2.263	76.123
2016/05/12	11:26:45	1.7750	-2.247	76.042
2016/05/12	11:27:15	1.7833	-2.253	75.929