

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 30-5 Unit #216
Well Location	T30N, R5W, Sec. 20
Field and Pool	Basin Fruitland Coal
Status (Oil, Gas, Water, Injection)	Observation
Perforated Intervals	2984-3114
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	13
Casing Flange (CF)	
KB-CF	
Ground Level	6275
Plug Back Total Depth	3124
Total Depth	3124
Production Casing	7 to 2962
Production Tubing	2 3/8 to 2969

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/26/16
Dead-weight Gauge Tubing Pressure	45
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/26/16 @ 1358
Date / Time off Bottom	5/26/16 @ 1458
Probe Serial Number	W1036
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3009

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	49.7 psig
Maximum Recorded Probe Temperature	108.9 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 30-5 Unit #216
Type of Test POOH Static Gradient
Date(s) of Test 5/26/16



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
Well Name	San Juan 30-5 Unit #216
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Date(s) of Test	5/26/16



COMMENTS

Reported By

Expert Downhole Services, Inc.

RIH with 1.50 IB and tagged fill @ 3010 WLM. RIH with memory gauge to 3009 for 1 hour, then POOH making 5 minute gradient stops as requested.

Company Name ConocoPhillips
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Pressure vs. Depth

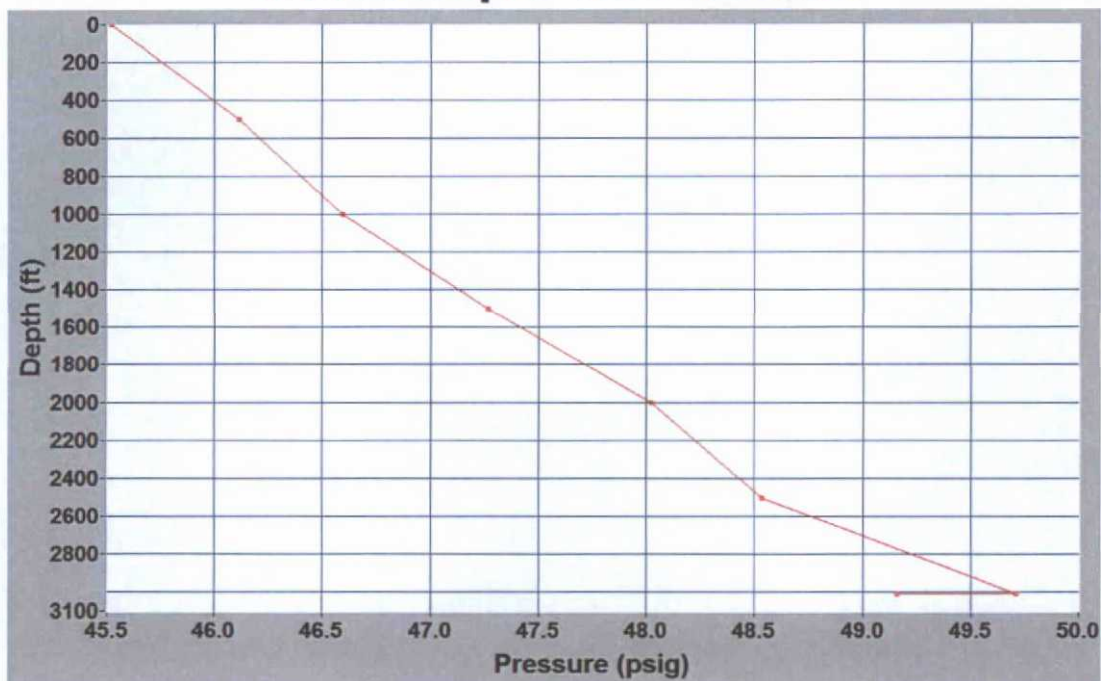
Probe Serial Number W1036

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		3009.000	49.710	-	85.975	-
1358	1458	3009.000	49.158	-	108.907	-
1459	1504	2500.000	48.537	0.0012	108.010	0.0018
1505	1510	2000.000	48.025	0.0010	103.789	0.0084
1511	1516	1500.000	47.269	0.0015	98.154	0.0113
1517	1522	1000.000	46.595	0.0013	91.859	0.0126
1523	1528	500.000	46.116	0.0010	86.428	0.0109
1529	1534	0.000	45.519	0.0012	78.706	0.0154

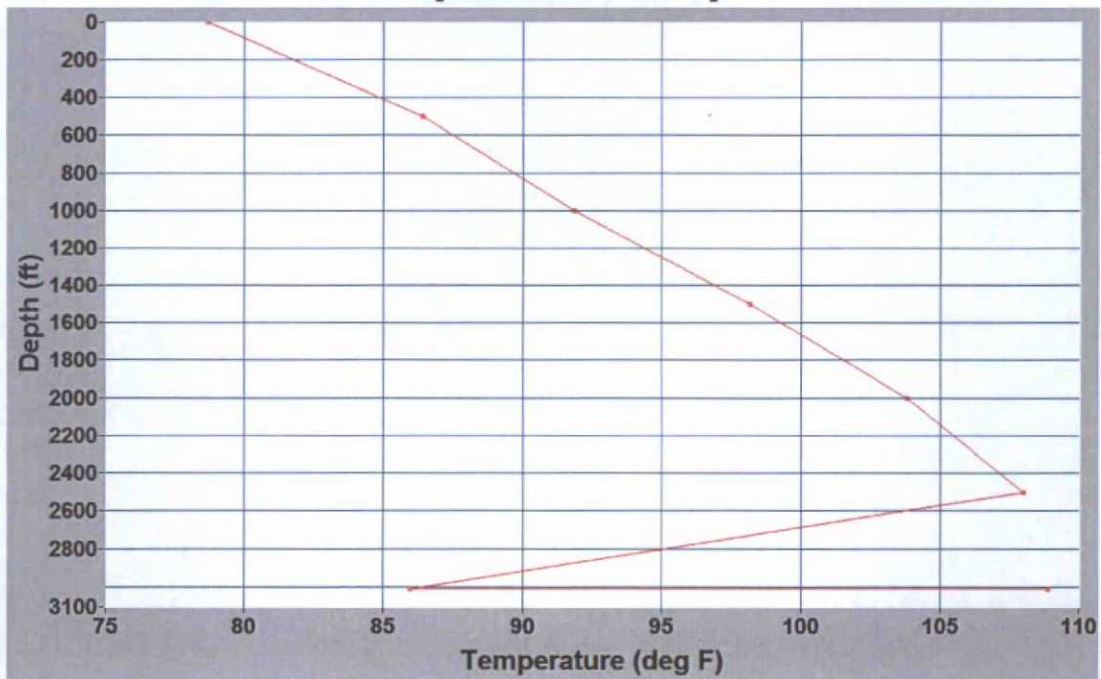
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

W1036 Depth vs. Pressure



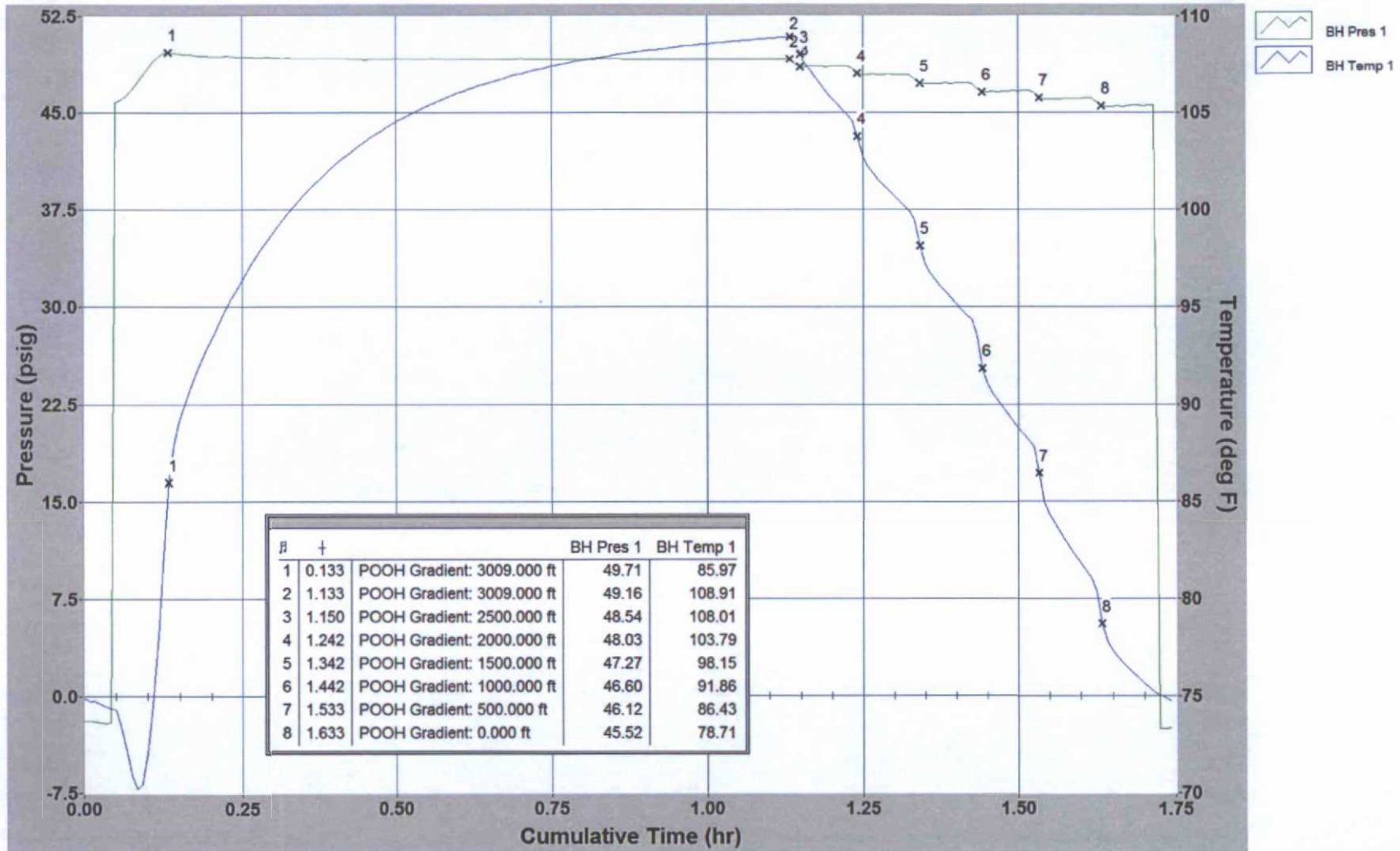
W1036 Depth vs. Temperature



Company Name ConocoPhillips
 Well Name San Juan 30-5 Unit #216
 Type of Test POOH Static Gradient
 Date(s) of Test 5/26/16



San Juan 30-5 Unit #216



Company Name ConocoPhillips
Well Name San Juan 30-5 Unit #216
Type of Test POOH Static Gradient
Date(s) of Test 5/26/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	13:51:06	0.0000	-1.924	74.872
2016/05/26	13:51:36	0.0083	-1.910	74.752
2016/05/26	13:52:06	0.0167	-1.964	74.739
2016/05/26	13:52:36	0.0250	-2.011	74.574
2016/05/26	13:53:06	0.0333	-2.054	74.457
2016/05/26	13:53:36	0.0417	-2.038	74.374
2016/05/26	13:54:06	0.0500	45.805	74.322
2016/05/26	13:54:36	0.0583	45.961	73.420
2016/05/26	13:55:06	0.0667	46.275	72.095
2016/05/26	13:55:36	0.0750	46.768	70.903
2016/05/26	13:56:06	0.0833	47.228	70.180
2016/05/26	13:56:36	0.0917	47.815	70.443
2016/05/26	13:57:06	0.1000	48.314	72.000
2016/05/26	13:57:36	0.1083	48.846	74.521
2016/05/26	13:58:06	0.1167	49.300	78.080
2016/05/26	13:58:36	0.1250	49.632	82.227
POOH Gradient: 3009.000 ft				
2016/05/26	13:59:06	0.1333	49.710	85.975
2016/05/26	13:59:36	0.1417	49.639	87.906
2016/05/26	14:00:06	0.1500	49.599	89.071
2016/05/26	14:00:36	0.1583	49.516	89.974
2016/05/26	14:01:06	0.1667	49.536	90.748
2016/05/26	14:01:36	0.1750	49.457	91.436
2016/05/26	14:02:06	0.1833	49.445	92.086
2016/05/26	14:02:36	0.1917	49.417	92.712
2016/05/26	14:03:06	0.2000	49.348	93.303
2016/05/26	14:03:36	0.2083	49.365	93.857
2016/05/26	14:04:06	0.2167	49.344	94.404
2016/05/26	14:04:36	0.2250	49.405	94.924
2016/05/26	14:05:06	0.2333	49.379	95.418
2016/05/26	14:05:36	0.2417	49.334	95.893
2016/05/26	14:06:06	0.2500	49.321	96.357
2016/05/26	14:06:36	0.2583	49.318	96.796
2016/05/26	14:07:06	0.2667	49.339	97.237
2016/05/26	14:07:36	0.2750	49.285	97.650
2016/05/26	14:08:06	0.2833	49.235	98.049
2016/05/26	14:08:36	0.2917	49.298	98.436
2016/05/26	14:09:06	0.3000	49.278	98.798
2016/05/26	14:09:36	0.3083	49.231	99.165
2016/05/26	14:10:06	0.3167	49.212	99.502
2016/05/26	14:10:36	0.3250	49.266	99.840
2016/05/26	14:11:06	0.3333	49.226	100.159
2016/05/26	14:11:36	0.3417	49.196	100.454
2016/05/26	14:12:06	0.3500	49.193	100.747
2016/05/26	14:12:36	0.3583	49.181	101.025
2016/05/26	14:13:06	0.3667	49.222	101.295
2016/05/26	14:13:36	0.3750	49.190	101.552
2016/05/26	14:14:06	0.3833	49.204	101.804
2016/05/26	14:14:36	0.3917	49.180	102.047
2016/05/26	14:15:06	0.4000	49.210	102.279
2016/05/26	14:15:36	0.4083	49.182	102.510
2016/05/26	14:16:06	0.4167	49.186	102.731
2016/05/26	14:16:36	0.4250	49.165	102.933
2016/05/26	14:17:06	0.4333	49.159	103.125

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	14:17:36	0.4417	49.136	103.325
2016/05/26	14:18:06	0.4500	49.117	103.510
2016/05/26	14:18:36	0.4583	49.162	103.694
2016/05/26	14:19:06	0.4667	49.169	103.872
2016/05/26	14:19:36	0.4750	49.149	104.049
2016/05/26	14:20:06	0.4833	49.148	104.209
2016/05/26	14:20:36	0.4917	49.130	104.369
2016/05/26	14:21:06	0.5000	49.177	104.518
2016/05/26	14:21:36	0.5083	49.161	104.668
2016/05/26	14:22:06	0.5167	49.145	104.810
2016/05/26	14:22:36	0.5250	49.145	104.940
2016/05/26	14:23:06	0.5333	49.169	105.076
2016/05/26	14:23:36	0.5417	49.155	105.208
2016/05/26	14:24:06	0.5500	49.141	105.334
2016/05/26	14:24:36	0.5583	49.176	105.449
2016/05/26	14:25:06	0.5667	49.164	105.570
2016/05/26	14:25:36	0.5750	49.152	105.679
2016/05/26	14:26:06	0.5833	49.152	105.787
2016/05/26	14:26:36	0.5917	49.169	105.895
2016/05/26	14:27:06	0.6000	49.159	105.998
2016/05/26	14:27:36	0.6083	49.155	106.095
2016/05/26	14:28:06	0.6167	49.146	106.189
2016/05/26	14:28:36	0.6250	49.137	106.279
2016/05/26	14:29:06	0.6333	49.139	106.371
2016/05/26	14:29:36	0.6417	49.132	106.452
2016/05/26	14:30:06	0.6500	49.144	106.534
2016/05/26	14:30:36	0.6583	49.142	106.614
2016/05/26	14:31:06	0.6667	49.135	106.686
2016/05/26	14:31:36	0.6750	49.138	106.770
2016/05/26	14:32:06	0.6833	49.131	106.851
2016/05/26	14:32:36	0.6917	49.141	106.929
2016/05/26	14:33:06	0.7000	49.174	106.995
2016/05/26	14:33:36	0.7083	49.168	107.065
2016/05/26	14:34:06	0.7167	49.160	107.134
2016/05/26	14:34:36	0.7250	49.154	107.197
2016/05/26	14:35:06	0.7333	49.150	107.256
2016/05/26	14:35:36	0.7417	49.145	107.316
2016/05/26	14:36:06	0.7500	49.148	107.380
2016/05/26	14:36:36	0.7583	49.169	107.433
2016/05/26	14:37:06	0.7667	49.165	107.487
2016/05/26	14:37:36	0.7750	49.161	107.541
2016/05/26	14:38:06	0.7833	49.157	107.600
2016/05/26	14:38:36	0.7917	49.152	107.658
2016/05/26	14:39:06	0.8000	49.166	107.699
2016/05/26	14:39:36	0.8083	49.163	107.751
2016/05/26	14:40:06	0.8167	49.160	107.796
2016/05/26	14:40:36	0.8250	49.188	107.843
2016/05/26	14:41:06	0.8333	49.183	107.881
2016/05/26	14:41:36	0.8417	49.179	107.929
2016/05/26	14:42:06	0.8500	49.177	107.974
2016/05/26	14:42:36	0.8583	49.175	108.009
2016/05/26	14:43:06	0.8667	49.170	108.050
2016/05/26	14:43:36	0.8750	49.168	108.088
2016/05/26	14:44:06	0.8833	49.166	108.122

Company Name ConocoPhillips
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Date(s) of Test 5/26/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	14:44:36	0.8917	49.162	108.156
2016/05/26	14:45:06	0.9000	49.160	108.198
2016/05/26	14:45:36	0.9083	49.159	108.230
2016/05/26	14:46:06	0.9167	49.165	108.266
2016/05/26	14:46:36	0.9250	49.164	108.298
2016/05/26	14:47:06	0.9333	49.163	108.333
2016/05/26	14:47:36	0.9417	49.161	108.367
2016/05/26	14:48:06	0.9500	49.161	108.394
2016/05/26	14:48:36	0.9583	49.159	108.432
2016/05/26	14:49:06	0.9667	49.159	108.455
2016/05/26	14:49:36	0.9750	49.172	108.477
2016/05/26	14:50:06	0.9833	49.171	108.507
2016/05/26	14:50:36	0.9917	49.170	108.540
2016/05/26	14:51:06	1.0000	49.171	108.558
2016/05/26	14:51:36	1.0083	49.170	108.585
2016/05/26	14:52:06	1.0167	49.167	108.608
2016/05/26	14:52:36	1.0250	49.166	108.639
2016/05/26	14:53:06	1.0333	49.164	108.660
2016/05/26	14:53:36	1.0417	49.161	108.685
2016/05/26	14:54:06	1.0500	49.161	108.703
2016/05/26	14:54:36	1.0583	49.164	108.721
2016/05/26	14:55:06	1.0667	49.164	108.743
2016/05/26	14:55:36	1.0750	49.164	108.770
2016/05/26	14:56:06	1.0833	49.161	108.790
2016/05/26	14:56:36	1.0917	49.162	108.811
2016/05/26	14:57:06	1.1000	49.162	108.831
2016/05/26	14:57:36	1.1083	49.163	108.846
2016/05/26	14:58:06	1.1167	49.163	108.867
2016/05/26	14:58:36	1.1250	49.164	108.883
POOH Gradient: 3009.000 ft				
2016/05/26	14:59:06	1.1333	49.158	108.907
2016/05/26	14:59:36	1.1417	48.780	108.730
POOH Gradient: 2500.000 ft				
2016/05/26	15:00:06	1.1500	48.537	108.010
2016/05/26	15:00:36	1.1583	48.541	107.515
2016/05/26	15:01:06	1.1667	48.559	107.130
2016/05/26	15:01:36	1.1750	48.603	106.767
2016/05/26	15:02:06	1.1833	48.604	106.407
2016/05/26	15:02:36	1.1917	48.556	106.063
2016/05/26	15:03:06	1.2000	48.592	105.760
2016/05/26	15:03:36	1.2083	48.583	105.463
2016/05/26	15:04:06	1.2167	48.613	105.170
2016/05/26	15:04:36	1.2250	48.591	104.886
2016/05/26	15:05:06	1.2333	48.430	104.589
POOH Gradient: 2000.000 ft				
2016/05/26	15:05:36	1.2417	48.025	103.789
2016/05/26	15:06:06	1.2500	47.898	102.718
2016/05/26	15:06:36	1.2583	47.917	102.225
2016/05/26	15:07:06	1.2667	47.962	101.871
2016/05/26	15:07:36	1.2750	47.891	101.556
2016/05/26	15:08:06	1.2833	47.914	101.264
2016/05/26	15:08:36	1.2917	47.949	100.985
2016/05/26	15:09:06	1.3000	47.898	100.706
2016/05/26	15:09:36	1.3083	47.910	100.454

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	15:10:06	1.3167	47.903	100.202
2016/05/26	15:10:36	1.3250	47.935	99.948
2016/05/26	15:11:06	1.3333	47.604	99.500
POOH Gradient: 1500.000 ft				
2016/05/26	15:11:36	1.3417	47.269	98.154
2016/05/26	15:12:06	1.3500	47.250	97.174
2016/05/26	15:12:36	1.3583	47.239	96.728
2016/05/26	15:13:06	1.3667	47.225	96.375
2016/05/26	15:13:36	1.3750	47.250	96.048
2016/05/26	15:14:06	1.3833	47.288	95.742
2016/05/26	15:14:36	1.3917	47.246	95.445
2016/05/26	15:15:06	1.4000	47.282	95.158
2016/05/26	15:15:36	1.4083	47.317	94.878
2016/05/26	15:16:06	1.4167	47.294	94.600
2016/05/26	15:16:36	1.4250	47.225	94.336
2016/05/26	15:17:06	1.4333	46.869	93.495
POOH Gradient: 1000.000 ft				
2016/05/26	15:17:36	1.4417	46.595	91.859
2016/05/26	15:18:06	1.4500	46.573	91.054
2016/05/26	15:18:36	1.4583	46.627	90.586
2016/05/26	15:19:06	1.4667	46.595	90.185
2016/05/26	15:19:36	1.4750	46.650	89.805
2016/05/26	15:20:06	1.4833	46.640	89.452
2016/05/26	15:20:36	1.4917	46.677	89.103
2016/05/26	15:21:06	1.5000	46.638	88.768
2016/05/26	15:21:36	1.5083	46.685	88.441
2016/05/26	15:22:06	1.5167	46.666	88.120
2016/05/26	15:22:36	1.5250	46.530	87.780
POOH Gradient: 500.000 ft				
2016/05/26	15:23:06	1.5333	46.116	86.428
2016/05/26	15:23:36	1.5417	46.013	84.956
2016/05/26	15:24:06	1.5500	46.036	84.313
2016/05/26	15:24:36	1.5583	46.009	83.835
2016/05/26	15:25:06	1.5667	46.032	83.401
2016/05/26	15:25:36	1.5750	46.066	82.987
2016/05/26	15:26:06	1.5833	46.080	82.575
2016/05/26	15:26:36	1.5917	46.073	82.184
2016/05/26	15:27:06	1.6000	46.074	81.792
2016/05/26	15:27:36	1.6083	46.099	81.417
2016/05/26	15:28:06	1.6167	46.098	81.045
2016/05/26	15:28:36	1.6250	45.852	80.375
POOH Gradient: 0.000 ft				
2016/05/26	15:29:06	1.6333	45.519	78.706
2016/05/26	15:29:36	1.6417	45.440	77.740
2016/05/26	15:30:06	1.6500	45.477	77.308
2016/05/26	15:30:36	1.6583	45.488	76.982
2016/05/26	15:31:06	1.6667	45.473	76.690
2016/05/26	15:31:36	1.6750	45.518	76.404
2016/05/26	15:32:06	1.6833	45.543	76.143
2016/05/26	15:32:36	1.6917	45.567	75.891
2016/05/26	15:33:06	1.7000	45.527	75.645
2016/05/26	15:33:36	1.7083	45.565	75.405
2016/05/26	15:34:06	1.7167	45.543	75.169
2016/05/26	15:34:36	1.7250	-2.520	75.049

Company Name ConocoPhillips
Well Name San Juan 30-5 Unit #216
Type of Test POOH Static Gradient
Date(s) of Test 5/26/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/26	15:35:06	1.7333	-2.507	74.896