

San Juan Unit 30-6 #1
API # 30-39-24530
BP

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

OIL CONS. DIV DIST. 3
MAY 18 2017

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/12/17
Dead-weight Gauge Tubing Pressure	40
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/12/17 @0757
Date / Time off Bottom	5/12/17 @0857
Probe Serial Number	W1035
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3059

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	85.6 psig
Maximum Recorded Probe Temperature	118.7 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

AV NMOC TA Expires
6-5-18

a

Company Name ConocoPhillips
Well Name San Juan 30-6 Unit POW 1
Type of Test POOH Static Gradient
Date(s) of Test 5/12/17



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>
-------------	--------------------	---------------	-----------------	----------------

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 5/12/17



COMMENTS

Reported By

Expert Downhole Services, Inc

RIH with 1.50 IB and tagged fill @ 3061 WLM. RIH with BHP gauge to 3059 WLM for 1 hour, then POOH making 5 minute gradient stops as requested.

Company Name ConocoPhillips
 Well Name San Juan 30-6 Unit POW 1
 Type of Test POOH Static Gradient
 Date(s) of Test 5/12/17



Pressure vs. Depth

Probe Serial Number W1035

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		3059.000	85.624	-	93.121	-
0757	0857	3059.000	80.600	-	118.724	-
0858	0903	2500.000	30.092	0.0904	114.300	0.0079
0904	0909	2000.000	29.646	0.0009	109.051	0.0105
0910	0915	1500.000	29.256	0.0008	103.312	0.0115
0916	0921	1000.000	28.903	0.0007	96.942	0.0127
0922	0927	500.000	28.498	0.0008	90.055	0.0138
0928	0933	0.000	28.133	0.0007	82.459	0.0152

Extrapolated to MPP:

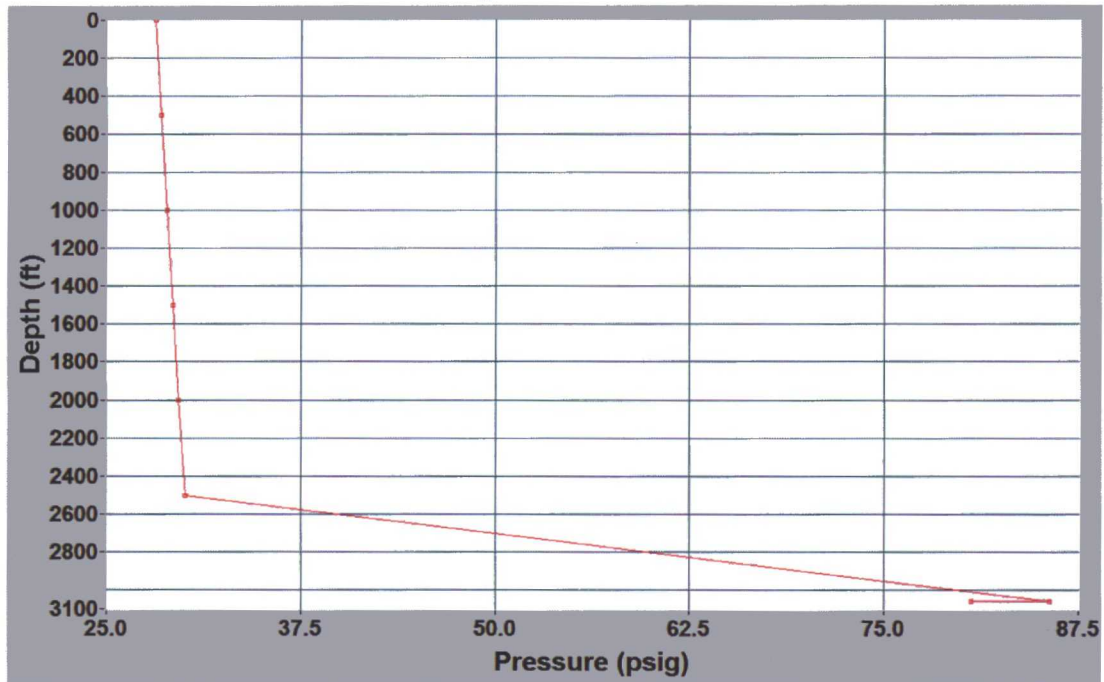
(ft)	(psig)	(deg F)
0.000		

Company Name ConocoPhillips
Well Name San Juan 30-6 Unit POW 1
Type of Test POOH Static Gradient
Date(s) of Test 5/12/17

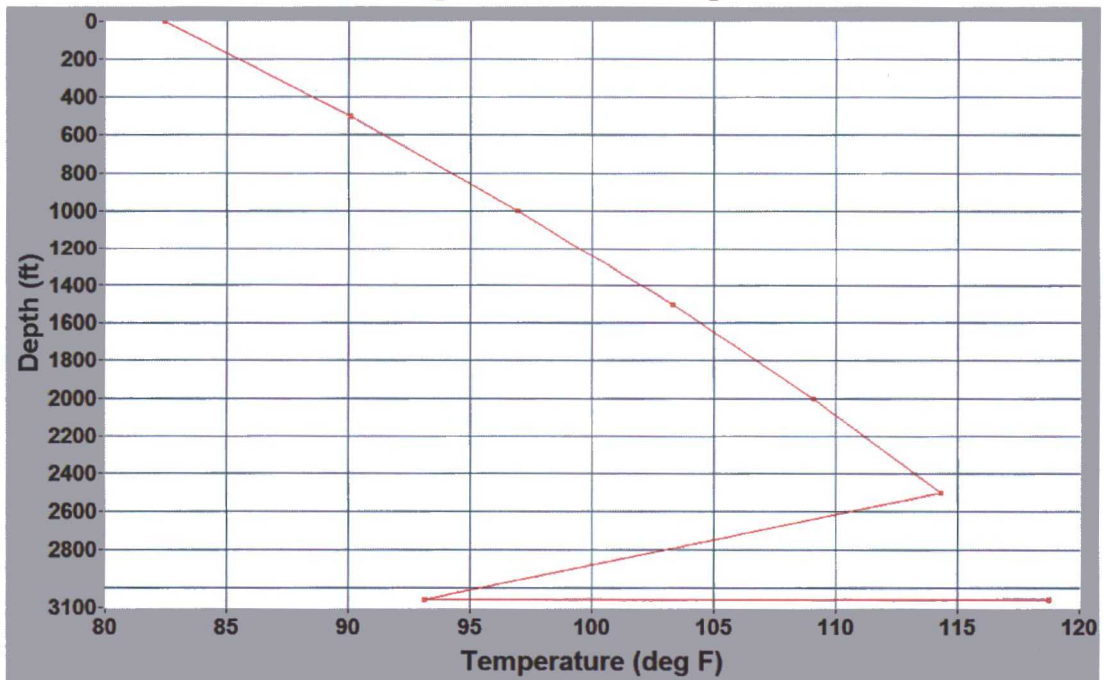


Probe Serial Number W1035

W1035 Depth vs. Pressure



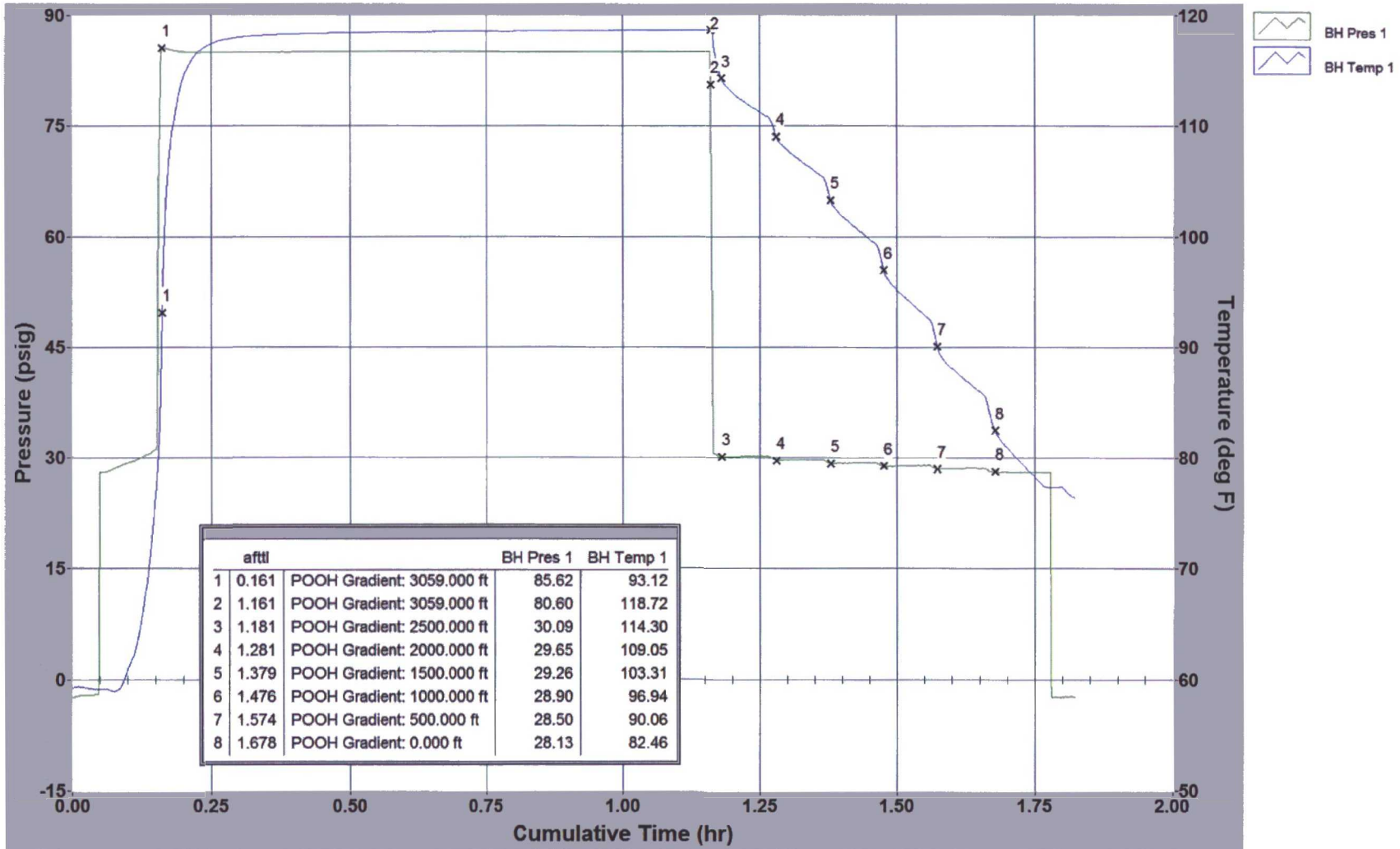
W1035 Depth vs. Temperature



Company Name ConocoPhillips
 Well Name San Juan 30-6 Unit POW 1
 Type of Test POOH Static Gradient
 Date(s) of Test 5/12/17



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 5/12/17



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/12	07:47:35	0.0000	-2.366	59.261
2017/05/12	07:48:05	0.0083	-2.231	59.358
2017/05/12	07:48:35	0.0167	-2.070	59.324
2017/05/12	07:49:05	0.0250	-2.059	59.277
2017/05/12	07:49:35	0.0333	-2.040	59.189
2017/05/12	07:50:05	0.0417	-2.028	59.131
2017/05/12	07:50:35	0.0500	28.055	59.113
2017/05/12	07:51:05	0.0583	28.065	59.162
2017/05/12	07:51:35	0.0667	28.247	59.076
2017/05/12	07:52:05	0.0750	28.498	58.953
2017/05/12	07:52:35	0.0833	28.758	59.094
2017/05/12	07:53:05	0.0917	29.093	59.763
2017/05/12	07:53:35	0.1000	29.312	60.912
2017/05/12	07:54:05	0.1083	29.467	61.860
2017/05/12	07:54:35	0.1167	29.818	63.343
2017/05/12	07:55:05	0.1250	30.020	65.473
2017/05/12	07:55:35	0.1333	30.371	68.335
2017/05/12	07:56:05	0.1417	30.727	72.063
2017/05/12	07:56:35	0.1500	31.133	76.636
2017/05/12	07:57:05	0.1583	81.879	86.293
POOH Gradient: 3059.000 ft				
2017/05/12	07:57:15	0.1611	85.624	93.121
2017/05/12	07:57:35	0.1667	85.512	101.703
2017/05/12	07:58:05	0.1750	85.370	107.479
2017/05/12	07:58:35	0.1833	85.202	110.755
2017/05/12	07:59:05	0.1917	85.126	112.914
2017/05/12	07:59:35	0.2000	85.065	114.393
2017/05/12	08:00:05	0.2083	84.996	115.401
2017/05/12	08:00:35	0.2167	84.991	116.094
2017/05/12	08:01:05	0.2250	84.966	116.602
2017/05/12	08:01:35	0.2333	84.968	116.973
2017/05/12	08:02:05	0.2417	84.963	117.241
2017/05/12	08:02:35	0.2500	84.976	117.451
2017/05/12	08:03:05	0.2583	84.974	117.621
2017/05/12	08:03:35	0.2667	84.973	117.747
2017/05/12	08:04:05	0.2750	84.986	117.838
2017/05/12	08:04:35	0.2833	85.007	117.918
2017/05/12	08:05:05	0.2917	85.014	117.979
2017/05/12	08:05:35	0.3000	85.037	118.036
2017/05/12	08:06:05	0.3083	85.031	118.076
2017/05/12	08:06:35	0.3167	85.030	118.114
2017/05/12	08:07:05	0.3250	85.037	118.144
2017/05/12	08:07:35	0.3333	85.034	118.179
2017/05/12	08:08:05	0.3417	85.035	118.204
2017/05/12	08:08:35	0.3500	85.030	118.225
2017/05/12	08:09:05	0.3583	85.044	118.247
2017/05/12	08:09:35	0.3667	85.045	118.265
2017/05/12	08:10:05	0.3750	85.056	118.281
2017/05/12	08:10:35	0.3833	85.052	118.299
2017/05/12	08:11:05	0.3917	85.054	118.310
2017/05/12	08:11:35	0.4000	85.062	118.323
2017/05/12	08:12:05	0.4083	85.068	118.328
2017/05/12	08:12:35	0.4167	85.068	118.353
2017/05/12	08:13:05	0.4250	85.080	118.357

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/12	08:13:35	0.4333	85.079	118.369
2017/05/12	08:14:05	0.4417	85.075	118.382
2017/05/12	08:14:35	0.4500	85.071	118.391
2017/05/12	08:15:05	0.4583	85.074	118.393
2017/05/12	08:15:35	0.4667	85.073	118.407
2017/05/12	08:16:05	0.4750	85.079	118.409
2017/05/12	08:16:35	0.4833	85.084	118.423
2017/05/12	08:17:05	0.4917	85.087	118.429
2017/05/12	08:17:35	0.5000	85.082	118.443
2017/05/12	08:18:05	0.5083	85.091	118.447
2017/05/12	08:18:35	0.5167	85.095	118.445
2017/05/12	08:19:05	0.5250	85.093	118.456
2017/05/12	08:19:35	0.5333	85.090	118.461
2017/05/12	08:20:05	0.5417	85.098	118.470
2017/05/12	08:20:35	0.5500	85.098	118.474
2017/05/12	08:21:05	0.5583	85.104	118.479
2017/05/12	08:21:35	0.5667	85.103	118.486
2017/05/12	08:22:05	0.5750	85.102	118.494
2017/05/12	08:22:35	0.5833	85.102	118.495
2017/05/12	08:23:05	0.5917	85.099	118.494
2017/05/12	08:23:35	0.6000	85.102	118.503
2017/05/12	08:24:05	0.6083	85.095	118.506
2017/05/12	08:24:35	0.6167	85.101	118.510
2017/05/12	08:25:05	0.6250	85.104	118.515
2017/05/12	08:25:35	0.6333	85.106	118.524
2017/05/12	08:26:05	0.6417	85.108	118.533
2017/05/12	08:26:35	0.6500	85.106	118.531
2017/05/12	08:27:05	0.6583	85.111	118.539
2017/05/12	08:27:35	0.6667	85.117	118.539
2017/05/12	08:28:05	0.6750	85.114	118.540
2017/05/12	08:28:35	0.6833	85.113	118.549
2017/05/12	08:29:05	0.6917	85.116	118.553
2017/05/12	08:29:35	0.7000	85.119	118.555
2017/05/12	08:30:05	0.7083	85.112	118.562
2017/05/12	08:30:35	0.7167	85.115	118.562
2017/05/12	08:31:05	0.7250	85.115	118.566
2017/05/12	08:31:35	0.7333	85.114	118.573
2017/05/12	08:32:05	0.7417	85.117	118.580
2017/05/12	08:32:35	0.7500	85.117	118.580
2017/05/12	08:33:05	0.7583	85.119	118.585
2017/05/12	08:33:35	0.7667	85.119	118.584
2017/05/12	08:34:05	0.7750	85.113	118.589
2017/05/12	08:34:35	0.7833	85.113	118.589
2017/05/12	08:35:05	0.7917	85.106	118.594
2017/05/12	08:35:35	0.8000	85.116	118.594
2017/05/12	08:36:05	0.8083	85.118	118.602
2017/05/12	08:36:35	0.8167	85.121	118.603
2017/05/12	08:37:05	0.8250	85.127	118.600
2017/05/12	08:37:35	0.8333	85.124	118.609
2017/05/12	08:38:05	0.8417	85.114	118.609
2017/05/12	08:38:35	0.8500	85.111	118.612
2017/05/12	08:39:05	0.8583	85.122	118.625
2017/05/12	08:39:35	0.8667	85.122	118.625
2017/05/12	08:40:05	0.8750	85.113	118.623

Company Name ConocoPhillips
Well Name San Juan 30-6 Unit POW 1
Type of Test POOH Static Gradient
Date(s) of Test 5/12/17



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/12	08:40:35	0.8833	85.116	118.629
2017/05/12	08:41:05	0.8917	85.119	118.629
2017/05/12	08:41:35	0.9000	85.118	118.636
2017/05/12	08:42:05	0.9083	85.118	118.636
2017/05/12	08:42:35	0.9167	85.112	118.638
2017/05/12	08:43:05	0.9250	85.115	118.645
2017/05/12	08:43:35	0.9333	85.108	118.647
2017/05/12	08:44:05	0.9417	85.111	118.650
2017/05/12	08:44:35	0.9500	85.114	118.650
2017/05/12	08:45:05	0.9583	85.114	118.652
2017/05/12	08:45:35	0.9667	85.110	118.656
2017/05/12	08:46:05	0.9750	85.116	118.659
2017/05/12	08:46:35	0.9833	85.110	118.665
2017/05/12	08:47:05	0.9917	85.119	118.668
2017/05/12	08:47:35	1.0000	85.109	118.675
2017/05/12	08:48:05	1.0083	85.121	118.674
2017/05/12	08:48:35	1.0167	85.112	118.672
2017/05/12	08:49:05	1.0250	85.106	118.679
2017/05/12	08:49:35	1.0333	85.112	118.679
2017/05/12	08:50:05	1.0417	85.111	118.684
2017/05/12	08:50:35	1.0500	85.111	118.683
2017/05/12	08:51:05	1.0583	85.111	118.684
2017/05/12	08:51:35	1.0667	85.120	118.692
2017/05/12	08:52:05	1.0750	85.110	118.695
2017/05/12	08:52:35	1.0833	85.114	118.690
2017/05/12	08:53:05	1.0917	85.110	118.695
2017/05/12	08:53:35	1.1000	85.104	118.699
2017/05/12	08:54:05	1.1083	85.119	118.699
2017/05/12	08:54:35	1.1167	85.098	118.702
2017/05/12	08:55:05	1.1250	85.110	118.701
2017/05/12	08:55:35	1.1333	85.103	118.711
2017/05/12	08:56:05	1.1417	85.100	118.708
2017/05/12	08:56:35	1.1500	85.106	118.711
2017/05/12	08:57:05	1.1583	85.111	118.719
POOH Gradient: 3059.000 ft				
2017/05/12	08:57:15	1.1611	80.600	118.724
2017/05/12	08:57:35	1.1667	30.635	117.412
2017/05/12	08:58:05	1.1750	30.130	115.084
POOH Gradient: 2500.000 ft				
2017/05/12	08:58:25	1.1806	30.092	114.300
2017/05/12	08:58:35	1.1833	30.062	114.004
2017/05/12	08:59:05	1.1917	30.088	113.445
2017/05/12	08:59:35	1.2000	30.117	113.005
2017/05/12	09:00:05	1.2083	30.134	112.645
2017/05/12	09:00:35	1.2167	30.167	112.338
2017/05/12	09:01:05	1.2250	30.178	112.050
2017/05/12	09:01:35	1.2333	30.197	111.778
2017/05/12	09:02:05	1.2417	30.171	111.517
2017/05/12	09:02:35	1.2500	30.188	111.256
2017/05/12	09:03:05	1.2583	30.186	111.006
2017/05/12	09:03:35	1.2667	30.109	110.748
2017/05/12	09:04:05	1.2750	29.781	109.882
POOH Gradient: 2000.000 ft				
2017/05/12	09:04:25	1.2806	29.646	109.051

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2017/05/12	09:04:35	1.2833	29.688	108.752
2017/05/12	09:05:05	1.2917	29.671	108.223
2017/05/12	09:05:35	1.3000	29.702	107.848
2017/05/12	09:06:05	1.3083	29.685	107.508
2017/05/12	09:06:35	1.3167	29.714	107.179
2017/05/12	09:07:05	1.3250	29.748	106.864
2017/05/12	09:07:35	1.3333	29.724	106.547
2017/05/12	09:08:05	1.3417	29.739	106.241
2017/05/12	09:08:35	1.3500	29.747	105.933
2017/05/12	09:09:05	1.3583	29.740	105.629
2017/05/12	09:09:35	1.3667	29.582	105.292
2017/05/12	09:10:05	1.3750	29.305	104.074
POOH Gradient: 1500.000 ft				
2017/05/12	09:10:20	1.3792	29.256	103.312
2017/05/12	09:10:35	1.3833	29.261	102.841
2017/05/12	09:11:05	1.3917	29.291	102.306
2017/05/12	09:11:35	1.4000	29.256	101.896
2017/05/12	09:12:05	1.4083	29.266	101.523
2017/05/12	09:12:35	1.4167	29.277	101.158
2017/05/12	09:13:05	1.4250	29.308	100.805
2017/05/12	09:13:35	1.4333	29.317	100.456
2017/05/12	09:14:05	1.4417	29.319	100.112
2017/05/12	09:14:35	1.4500	29.339	99.772
2017/05/12	09:15:05	1.4583	29.334	99.435
2017/05/12	09:15:35	1.4667	29.106	98.895
2017/05/12	09:16:05	1.4750	28.912	97.214
POOH Gradient: 1000.000 ft				
2017/05/12	09:16:10	1.4764	28.903	96.942
2017/05/12	09:16:35	1.4833	28.866	96.129
2017/05/12	09:17:05	1.4917	28.865	95.610
2017/05/12	09:17:35	1.5000	28.915	95.180
2017/05/12	09:18:05	1.5083	28.931	94.777
2017/05/12	09:18:35	1.5167	28.952	94.393
2017/05/12	09:19:05	1.5250	28.914	94.026
2017/05/12	09:19:35	1.5333	28.965	93.641
2017/05/12	09:20:05	1.5417	28.977	93.281
2017/05/12	09:20:35	1.5500	29.007	92.917
2017/05/12	09:21:05	1.5583	28.994	92.565
2017/05/12	09:21:35	1.5667	28.707	91.589
POOH Gradient: 500.000 ft				
2017/05/12	09:22:00	1.5736	28.498	90.055
2017/05/12	09:22:05	1.5750	28.503	89.789
2017/05/12	09:22:35	1.5833	28.498	88.923
2017/05/12	09:23:05	1.5917	28.541	88.453
2017/05/12	09:23:35	1.6000	28.543	88.066
2017/05/12	09:24:05	1.6083	28.567	87.701
2017/05/12	09:24:35	1.6167	28.564	87.352
2017/05/12	09:25:05	1.6250	28.597	87.004
2017/05/12	09:25:35	1.6333	28.612	86.659
2017/05/12	09:26:05	1.6417	28.608	86.322
2017/05/12	09:26:35	1.6500	28.578	85.980
2017/05/12	09:27:05	1.6583	28.563	85.640
2017/05/12	09:27:35	1.6667	28.367	84.387
2017/05/12	09:28:05	1.6750	28.091	82.846

Company Name ConocoPhillips
Well Name San Juan 30-6 Unit POW 1
Type of Test POOH Static Gradient
Date(s) of Test 5/12/17



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
POOH Gradient: 0.000 ft				
2017/05/12	09:28:15	1.6778	28.133	82.459
2017/05/12	09:28:35	1.6833	28.094	81.937
2017/05/12	09:29:05	1.6917	28.084	81.385
2017/05/12	09:29:35	1.7000	28.096	80.911
2017/05/12	09:30:05	1.7083	28.100	80.456
2017/05/12	09:30:35	1.7167	28.067	80.017
2017/05/12	09:31:05	1.7250	28.085	79.578
2017/05/12	09:31:35	1.7333	28.074	79.142
2017/05/12	09:32:05	1.7417	28.093	78.705
2017/05/12	09:32:35	1.7500	28.057	78.282
2017/05/12	09:33:05	1.7583	28.050	77.855
2017/05/12	09:33:35	1.7667	28.068	77.470
2017/05/12	09:34:05	1.7750	28.088	77.349
2017/05/12	09:34:35	1.7833	-2.362	77.324
2017/05/12	09:35:05	1.7917	-2.382	77.335
2017/05/12	09:35:35	1.8000	-2.373	77.333
2017/05/12	09:36:05	1.8083	-2.309	76.876
2017/05/12	09:36:35	1.8167	-2.321	76.561