



API #3004525992

OIL CONS. DIV DIST. 3

MAY 27 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	Reese Mesa #8
Well Location	T32N, R8W, Sec. 12
Field and Pool	Basin Fruitland Coal
Status (Oil, Gas, Water, Injection)	Observation
Perforated Intervals	3670-3966
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	7040
Plug Back Total Depth	405
Total Depth	4050
Production Casing	
Production Tubing	2 7/8 Slimhole

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/24/16
Dead-weight Gauge Tubing Pressure	480
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/24/16 @ 0919
Date / Time off Bottom	5/24/16 @ 1019
Probe Serial Number	W1036
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3684

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	525.7 psig
Maximum Recorded Probe Temperature	121.7 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	

Company Name ConocoPhillips
Well Name Reese Mesa #8
Type of Test POOH Static Gradient
Date(s) of Test 5/24/16



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 Reese Mesa #8
Type of Test POOH Static Gradient
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COMMENTS

Reported By

Expert Downhole Services, Inc.

RIH with 1.50 IB and tagged fill @ 3690 WLM. RIH with memory gauge to 3684 for 1 hour, then POOH making 5 minute gradient stops as requested.

Company Name ConocoPhillips
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Pressure vs. Depth

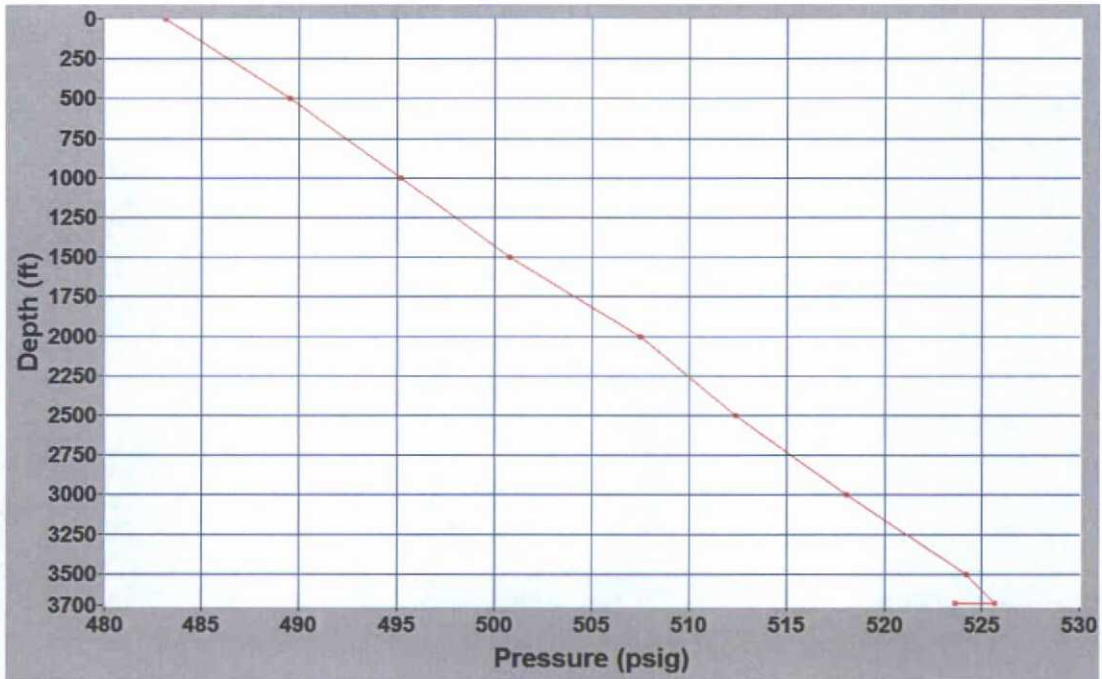
Probe Serial Number W1036

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		3684.000	523.625	-	107.022	-
0919	1019	3684.000	525.697	-	121.701	-
1020	1025	3500.000	524.201	0.0081	121.734	-0.0002
1026	1031	3000.000	518.022	0.0124	117.378	0.0087
1032	1037	2500.000	512.379	0.0113	107.029	0.0207
1037	1042	2000.000	507.481	0.0098	98.737	0.0166
1043	1048	1500.000	500.763	0.0134	87.579	0.0223
1049	1054	1000.000	495.183	0.0112	76.942	0.0213
1055	1100	500.000	489.542	0.0113	70.268	0.0133
1101	1107	0.000	483.164	0.0128	60.840	0.0189

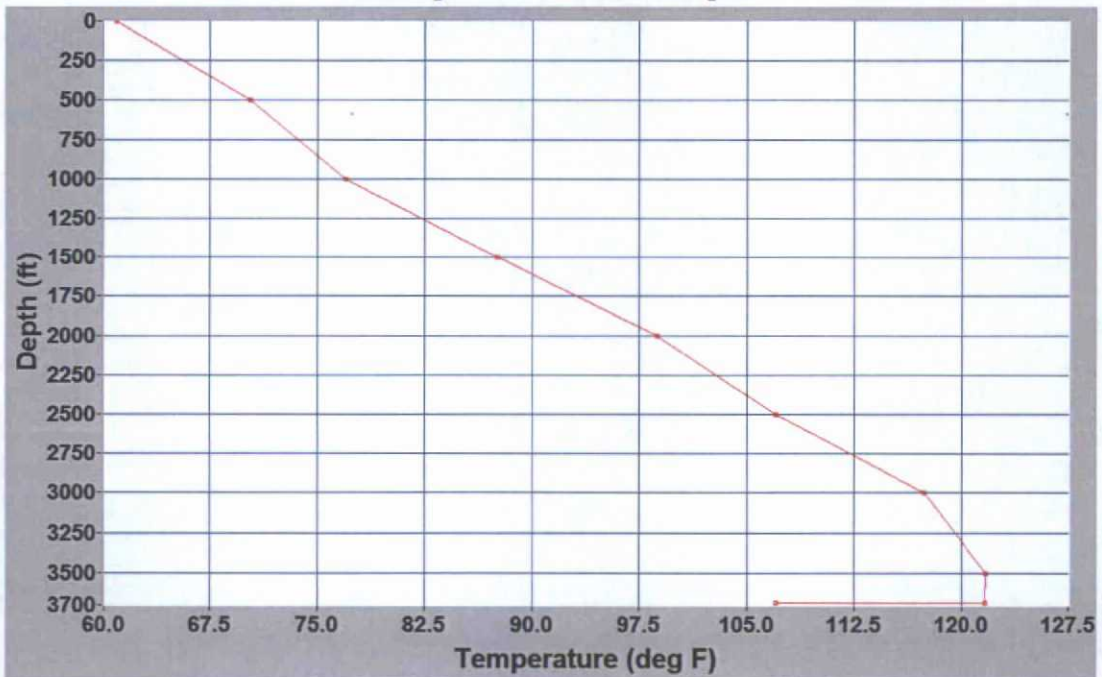
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

W1036 Depth vs. Pressure



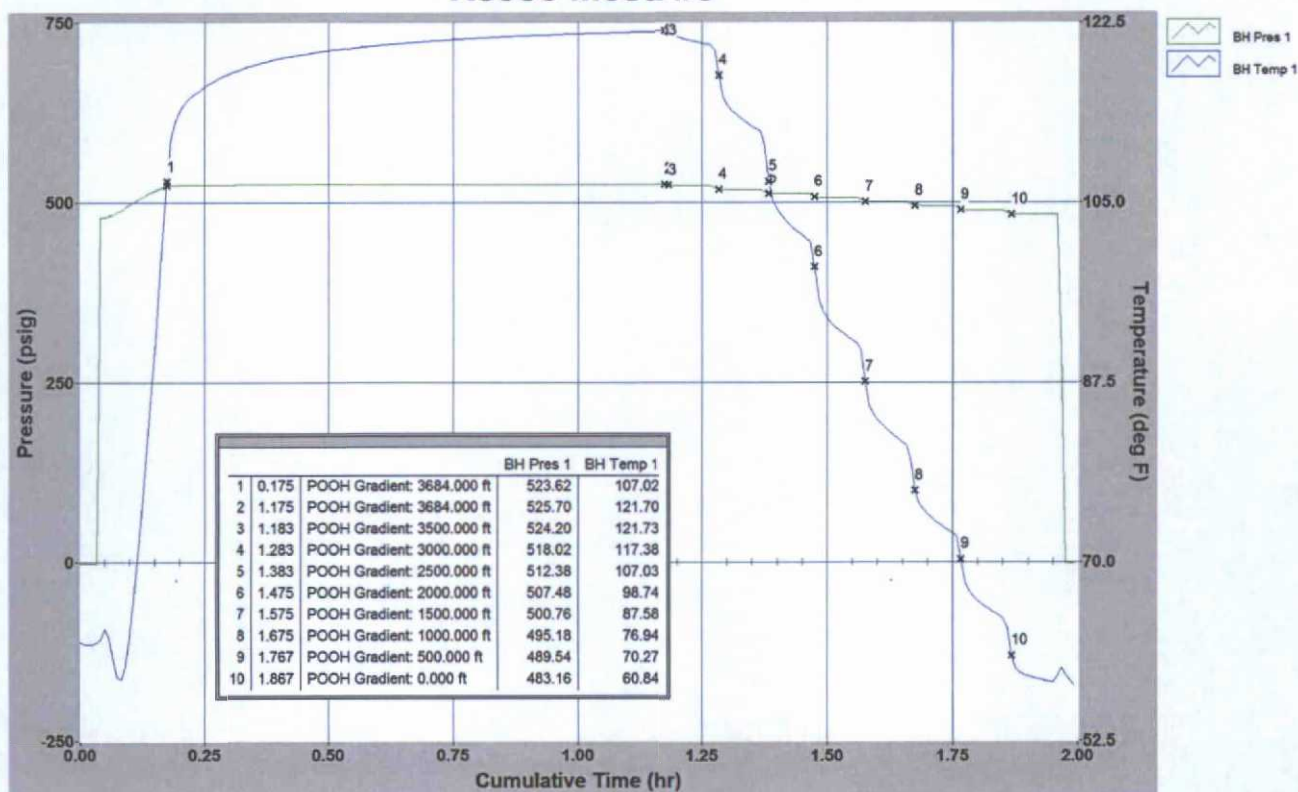
W1036 Depth vs. Temperature



Company Name ConocoPhillips
 Well Name Reese Mesa #8
 Type of Test POOH Static Gradient
 Date(s) of Test 5/24/16



Reese Mesa #8



Company Name ConocoPhillips
Well Name Reese Mesa #8
Type of Test POOH Static Gradient
Date(s) of Test 5/24/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/24	09:09:05	0.0000	-1.911	62.200
2016/05/24	09:09:35	0.0083	-1.966	62.001
2016/05/24	09:10:05	0.0167	-2.036	61.930
2016/05/24	09:10:35	0.0250	-2.048	61.966
2016/05/24	09:11:05	0.0333	-2.096	62.164
2016/05/24	09:11:35	0.0417	479.779	62.514
2016/05/24	09:12:05	0.0500	479.902	63.446
2016/05/24	09:12:35	0.0583	481.636	62.717
2016/05/24	09:13:05	0.0667	483.860	60.346
2016/05/24	09:13:35	0.0750	486.319	58.753
2016/05/24	09:14:05	0.0833	488.932	58.579
2016/05/24	09:14:35	0.0917	492.728	59.896
2016/05/24	09:15:05	0.1000	497.075	62.703
2016/05/24	09:15:35	0.1083	500.576	66.650
2016/05/24	09:16:05	0.1167	504.024	70.770
2016/05/24	09:16:35	0.1250	506.943	75.407
2016/05/24	09:17:05	0.1333	510.429	80.222
2016/05/24	09:17:35	0.1417	513.083	85.208
2016/05/24	09:18:05	0.1500	516.130	90.610
2016/05/24	09:18:35	0.1583	519.094	96.228
2016/05/24	09:19:05	0.1667	521.532	101.750
POOH Gradient: 3684.000 ft				
2016/05/24	09:19:35	0.1750	523.625	107.022
2016/05/24	09:20:05	0.1833	523.813	111.285
2016/05/24	09:20:35	0.1917	523.866	113.005
2016/05/24	09:21:05	0.2000	524.018	113.893
2016/05/24	09:21:35	0.2083	524.190	114.510
2016/05/24	09:22:05	0.2167	524.285	114.976
2016/05/24	09:22:35	0.2250	524.350	115.362
2016/05/24	09:23:05	0.2333	524.458	115.700
2016/05/24	09:23:35	0.2417	524.521	116.002
2016/05/24	09:24:05	0.2500	524.602	116.274
2016/05/24	09:24:35	0.2583	524.696	116.532
2016/05/24	09:25:05	0.2667	524.684	116.778
2016/05/24	09:25:35	0.2750	524.732	116.992
2016/05/24	09:26:05	0.2833	524.820	117.196
2016/05/24	09:26:35	0.2917	524.836	117.388
2016/05/24	09:27:05	0.3000	524.847	117.568
2016/05/24	09:27:35	0.3083	524.919	117.734
2016/05/24	09:28:05	0.3167	524.972	117.880
2016/05/24	09:28:35	0.3250	525.032	118.020
2016/05/24	09:29:05	0.3333	525.065	118.166
2016/05/24	09:29:35	0.3417	525.085	118.292
2016/05/24	09:30:05	0.3500	525.119	118.414
2016/05/24	09:30:35	0.3583	525.144	118.533
2016/05/24	09:31:05	0.3667	525.188	118.638
2016/05/24	09:31:35	0.3750	525.237	118.744
2016/05/24	09:32:05	0.3833	525.214	118.843
2016/05/24	09:32:35	0.3917	525.252	118.933
2016/05/24	09:33:05	0.4000	525.288	119.017
2016/05/24	09:33:35	0.4083	525.302	119.098
2016/05/24	09:34:05	0.4167	525.338	119.185
2016/05/24	09:34:35	0.4250	525.366	119.251
2016/05/24	09:35:05	0.4333	525.383	119.332

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/24	09:35:35	0.4417	525.412	119.401
2016/05/24	09:36:05	0.4500	525.439	119.462
2016/05/24	09:36:35	0.4583	525.410	119.523
2016/05/24	09:37:05	0.4667	525.430	119.584
2016/05/24	09:37:35	0.4750	525.456	119.649
2016/05/24	09:38:05	0.4833	525.479	119.703
2016/05/24	09:38:35	0.4917	525.501	119.759
2016/05/24	09:39:05	0.5000	525.515	119.820
2016/05/24	09:39:35	0.5083	525.530	119.860
2016/05/24	09:40:05	0.5167	525.550	119.910
2016/05/24	09:40:35	0.5250	525.570	119.961
2016/05/24	09:41:05	0.5333	525.578	120.007
2016/05/24	09:41:35	0.5417	525.594	120.051
2016/05/24	09:42:05	0.5500	525.610	120.097
2016/05/24	09:42:35	0.5583	525.628	120.142
2016/05/24	09:43:05	0.5667	525.620	120.187
2016/05/24	09:43:35	0.5750	525.558	120.232
2016/05/24	09:44:05	0.5833	525.572	120.270
2016/05/24	09:44:35	0.5917	525.588	120.310
2016/05/24	09:45:05	0.6000	525.603	120.349
2016/05/24	09:45:35	0.6083	525.617	120.385
2016/05/24	09:46:05	0.6167	525.628	120.418
2016/05/24	09:46:35	0.6250	525.643	120.456
2016/05/24	09:47:05	0.6333	525.634	120.493
2016/05/24	09:47:35	0.6417	525.649	120.531
2016/05/24	09:48:05	0.6500	525.657	120.555
2016/05/24	09:48:35	0.6583	525.671	120.592
2016/05/24	09:49:05	0.6667	525.680	120.619
2016/05/24	09:49:35	0.6750	525.663	120.655
2016/05/24	09:50:05	0.6833	525.676	120.691
2016/05/24	09:50:35	0.6917	525.683	120.713
2016/05/24	09:51:05	0.7000	525.696	120.747
2016/05/24	09:51:35	0.7083	525.700	120.774
2016/05/24	09:52:05	0.7167	525.687	120.801
2016/05/24	09:52:35	0.7250	525.688	120.830
2016/05/24	09:53:05	0.7333	525.675	120.857
2016/05/24	09:53:35	0.7417	525.682	120.879
2016/05/24	09:54:05	0.7500	525.692	120.907
2016/05/24	09:54:35	0.7583	525.700	120.931
2016/05/24	09:55:05	0.7667	525.708	120.954
2016/05/24	09:55:35	0.7750	525.715	120.974
2016/05/24	09:56:05	0.7833	525.724	121.001
2016/05/24	09:56:35	0.7917	525.729	121.019
2016/05/24	09:57:05	0.8000	525.738	121.044
2016/05/24	09:57:35	0.8083	525.708	121.071
2016/05/24	09:58:05	0.8167	525.713	121.089
2016/05/24	09:58:35	0.8250	525.685	121.107
2016/05/24	09:59:05	0.8333	525.678	121.132
2016/05/24	09:59:35	0.8417	525.684	121.150
2016/05/24	10:00:05	0.8500	525.691	121.172
2016/05/24	10:00:35	0.8583	525.702	121.203
2016/05/24	10:01:05	0.8667	525.704	121.213
2016/05/24	10:01:35	0.8750	525.713	121.231
2016/05/24	10:02:05	0.8833	525.718	121.249

Company Name ConocoPhillips
Well Name Reese Mesa #8
Type of Test POOH Static Gradient
Date(s) of Test 5/24/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/24	10:02:35	0.8917	525.724	121.269
2016/05/24	10:03:05	0.9000	525.729	121.285
2016/05/24	10:03:35	0.9083	525.732	121.300
2016/05/24	10:04:05	0.9167	525.714	121.316
2016/05/24	10:04:35	0.9250	525.719	121.332
2016/05/24	10:05:05	0.9333	525.723	121.348
2016/05/24	10:05:35	0.9417	525.725	121.357
2016/05/24	10:06:05	0.9500	525.731	121.379
2016/05/24	10:06:35	0.9583	525.737	121.397
2016/05/24	10:07:05	0.9667	525.737	121.402
2016/05/24	10:07:35	0.9750	525.734	121.429
2016/05/24	10:08:05	0.9833	525.733	121.431
2016/05/24	10:08:35	0.9917	525.738	121.449
2016/05/24	10:09:05	1.0000	525.743	121.465
2016/05/24	10:09:35	1.0083	525.721	121.480
2016/05/24	10:10:05	1.0167	525.716	121.494
2016/05/24	10:10:35	1.0250	525.717	121.503
2016/05/24	10:11:05	1.0333	525.720	121.518
2016/05/24	10:11:35	1.0417	525.725	121.532
2016/05/24	10:12:05	1.0500	525.695	121.543
2016/05/24	10:12:35	1.0583	525.695	121.550
2016/05/24	10:13:05	1.0667	525.702	121.570
2016/05/24	10:13:35	1.0750	525.703	121.579
2016/05/24	10:14:05	1.0833	525.708	121.595
2016/05/24	10:14:35	1.0917	525.708	121.600
2016/05/24	10:15:05	1.1000	525.706	121.617
2016/05/24	10:15:35	1.1083	525.673	121.626
2016/05/24	10:16:05	1.1167	525.676	121.631
2016/05/24	10:16:35	1.1250	525.686	121.647
2016/05/24	10:17:05	1.1333	525.689	121.660
2016/05/24	10:17:35	1.1417	525.692	121.665
2016/05/24	10:18:05	1.1500	525.693	121.674
2016/05/24	10:18:35	1.1583	525.695	121.685
2016/05/24	10:19:05	1.1667	525.696	121.694
POOH Gradient: 3684.000 ft				
2016/05/24	10:19:35	1.1750	525.697	121.701
POOH Gradient: 3500.000 ft				
2016/05/24	10:20:05	1.1833	524.201	121.734
2016/05/24	10:20:35	1.1917	523.670	121.356
2016/05/24	10:21:05	1.2000	523.579	121.150
2016/05/24	10:21:35	1.2083	523.526	121.012
2016/05/24	10:22:05	1.2167	523.579	120.893
2016/05/24	10:22:35	1.2250	523.535	120.790
2016/05/24	10:23:05	1.2333	523.534	120.691
2016/05/24	10:23:35	1.2417	523.495	120.600
2016/05/24	10:24:05	1.2500	523.536	120.497
2016/05/24	10:24:35	1.2583	523.500	120.412
2016/05/24	10:25:05	1.2667	523.489	120.330
2016/05/24	10:25:35	1.2750	521.004	119.835
POOH Gradient: 3000.000 ft				
2016/05/24	10:26:05	1.2833	518.022	117.378
2016/05/24	10:26:35	1.2917	518.064	115.306
2016/05/24	10:27:05	1.3000	518.081	114.550
2016/05/24	10:27:35	1.3083	517.947	114.048

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/24	10:28:05	1.3167	517.962	113.655
2016/05/24	10:28:35	1.3250	517.948	113.293
2016/05/24	10:29:05	1.3333	517.975	112.980
2016/05/24	10:29:35	1.3417	517.870	112.687
2016/05/24	10:30:05	1.3500	517.965	112.411
2016/05/24	10:30:35	1.3583	517.904	112.172
2016/05/24	10:31:05	1.3667	517.931	111.936
2016/05/24	10:31:35	1.3750	514.404	110.532
POOH Gradient: 2500.000 ft				
2016/05/24	10:32:05	1.3833	512.379	107.029
2016/05/24	10:32:35	1.3917	512.448	105.183
2016/05/24	10:33:05	1.4000	512.390	104.374
2016/05/24	10:33:35	1.4083	512.371	103.791
2016/05/24	10:34:05	1.4167	512.254	103.303
2016/05/24	10:34:35	1.4250	512.287	102.879
2016/05/24	10:35:05	1.4333	512.273	102.493
2016/05/24	10:35:35	1.4417	512.340	102.141
2016/05/24	10:36:05	1.4500	512.293	101.806
2016/05/24	10:36:35	1.4583	512.214	101.494
2016/05/24	10:37:05	1.4667	511.414	101.163
POOH Gradient: 2000.000 ft				
2016/05/24	10:37:35	1.4750	507.481	98.737
2016/05/24	10:38:05	1.4833	506.640	95.554
2016/05/24	10:38:35	1.4917	506.676	94.395
2016/05/24	10:39:05	1.5000	506.651	93.771
2016/05/24	10:39:35	1.5083	506.579	93.295
2016/05/24	10:40:05	1.5167	506.593	92.899
2016/05/24	10:40:35	1.5250	506.579	92.547
2016/05/24	10:41:05	1.5333	506.559	92.219
2016/05/24	10:41:35	1.5417	506.500	91.924
2016/05/24	10:42:05	1.5500	506.571	91.648
2016/05/24	10:42:35	1.5583	506.552	91.384
2016/05/24	10:43:05	1.5667	504.168	90.669
POOH Gradient: 1500.000 ft				
2016/05/24	10:43:35	1.5750	500.763	87.579
2016/05/24	10:44:05	1.5833	500.853	85.303
2016/05/24	10:44:35	1.5917	500.895	84.454
2016/05/24	10:45:05	1.6000	500.893	83.896
2016/05/24	10:45:35	1.6083	500.825	83.435
2016/05/24	10:46:05	1.6167	500.825	83.021
2016/05/24	10:46:35	1.6250	500.839	82.639
2016/05/24	10:47:05	1.6333	500.910	82.294
2016/05/24	10:47:35	1.6417	500.855	81.955
2016/05/24	10:48:05	1.6500	500.869	81.648
2016/05/24	10:48:35	1.6583	500.779	81.351
2016/05/24	10:49:05	1.6667	496.970	79.902
POOH Gradient: 1000.000 ft				
2016/05/24	10:49:35	1.6750	495.183	76.942
2016/05/24	10:50:05	1.6833	495.120	75.679
2016/05/24	10:50:35	1.6917	495.100	75.088
2016/05/24	10:51:05	1.7000	495.055	74.646
2016/05/24	10:51:35	1.7083	495.067	74.275
2016/05/24	10:52:05	1.7167	495.001	73.924
2016/05/24	10:52:35	1.7250	495.056	73.607

Company Name ConocoPhillips
 Well Name Reese Mesa #8
 Type of Test POOH Static Gradient
 Date(s) of Test 5/24/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/24	10:53:05	1.7333	494.978	73.314
2016/05/24	10:53:35	1.7417	495.060	73.038
2016/05/24	10:54:05	1.7500	495.078	72.784
2016/05/24	10:54:35	1.7583	493.648	72.442
POOH Gradient: 500.000 ft				
2016/05/24	10:55:05	1.7667	489.542	70.268
2016/05/24	10:55:35	1.7750	489.222	67.919
2016/05/24	10:56:05	1.7833	489.183	67.098
2016/05/24	10:56:35	1.7917	489.189	66.609
2016/05/24	10:57:05	1.8000	489.139	66.213
2016/05/24	10:57:35	1.8083	489.155	65.860
2016/05/24	10:58:05	1.8167	489.147	65.550
2016/05/24	10:58:35	1.8250	489.147	65.260
2016/05/24	10:59:05	1.8333	489.095	64.994
2016/05/24	10:59:35	1.8417	489.130	64.740
2016/05/24	11:00:05	1.8500	489.183	64.490
2016/05/24	11:00:35	1.8583	485.801	63.531
POOH Gradient: 0.000 ft				
2016/05/24	11:01:05	1.8667	483.164	60.840
2016/05/24	11:01:35	1.8750	483.169	59.630
2016/05/24	11:02:05	1.8833	483.158	59.247
2016/05/24	11:02:35	1.8917	483.146	59.032
2016/05/24	11:03:05	1.9000	483.083	58.863
2016/05/24	11:03:35	1.9083	483.066	58.737
2016/05/24	11:04:05	1.9167	483.121	58.627
2016/05/24	11:04:35	1.9250	483.133	58.536
2016/05/24	11:05:05	1.9333	483.111	58.449
2016/05/24	11:05:35	1.9417	483.127	58.375
2016/05/24	11:06:05	1.9500	483.098	58.307
2016/05/24	11:06:35	1.9583	483.154	58.978
2016/05/24	11:07:05	1.9667	297.279	59.655
2016/05/24	11:07:35	1.9750	-0.891	59.043
2016/05/24	11:08:05	1.9833	-1.746	58.410