

OIL CONS. DIV DIST. 3

MAY 05 2015

Pressure Test Report

COMPANY INFORMATION

Company Name CONOCOPHILLIPS
Representative PRISCILLA SHORTY
Phone
Fax
Address

E-Mail Address
Service Company PHOENIX SERVICES

WELL INFORMATION

Well Name SAN JUAN 29-7 UNIT 300
Well Location T29N, R7W, SEC. 11
Field and Pool FRUITLAND COAL
Status (Oil, Gas, Water, Injection) OBSERVATION
Perforated Intervals 4855-5482
Mid-point of Perforated Intervals (MPP)
Drilling Rig Number
Elevations
 Kelly Bushing (KB)
 Casing Flange (CF)
 KB-CF
 Ground Level 6265
Plug Back Total Depth
Total Depth 5850
Production Casing 4 1/2 TO 5850
Production Tubing 1 1/4 TO 5146

TEST INFORMATION

Type of Test POOH STATIC GRADIENT
Date(s) of Test 4/28/15
Dead-weight Gauge Tubing Pressure 429
Dead-weight Gauge Casing Pressure 340
Shut-in Date (Duration)
Date / Time on Bottom 4/28/15 @ 0829 HRS
Date / Time off Bottom 4/28/15 @ 0929 HRS

Probe Serial Number 19841
Probe Offset from End of Tool String 0-6000
Run Depth at Probe Pressure Port 5400

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure 495.6 psig
Maximum Recorded Probe Temperature 164.3 deg F
Final Buildup Pressure
Gradient Survey Information
 Extrapolated Pressure to MPP
 Final Gradient at Depth
Job Number 34882WP

Company Name	CONOCOPHILLIPS
Well Name	SAN JUAN 29-7 UNIT 300
Type of Test	POOH STATIC GRADIENT
Date(s) of Test	4/28/15

PROBE INFORMATION

Probe Serial Number 19841

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 29-7 UNIT 300
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Date(s) of Test	4/28/15

COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.00 IB TO 5745'-SHOWED FILL-TD-RAN TANDEM BHP GAUGES TO 5400'-SET 1 HR-POOH
MAKING GRADIENT STOPS.

Company Name	CONOCOPHILLIPS
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Pressure vs. Depth

Probe Serial Number 19841

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
0829	0929	5400.000	495.573	-	164.275	-
0929	0934	5200.000	492.955	0.0131	162.666	0.0080
0934	0939	5000.000	490.492	0.0123	159.039	0.0181
0940	0945	4000.000	478.545	0.0119	143.163	0.0159
0946	0951	3000.000	466.673	0.0119	117.351	0.0258
0952	0957	2000.000	454.431	0.0122	92.025	0.0253
0958	1003	1000.000	441.956	0.0125	74.779	0.0172
1004	1009	0.000	429.364	0.0126	56.905	0.0179

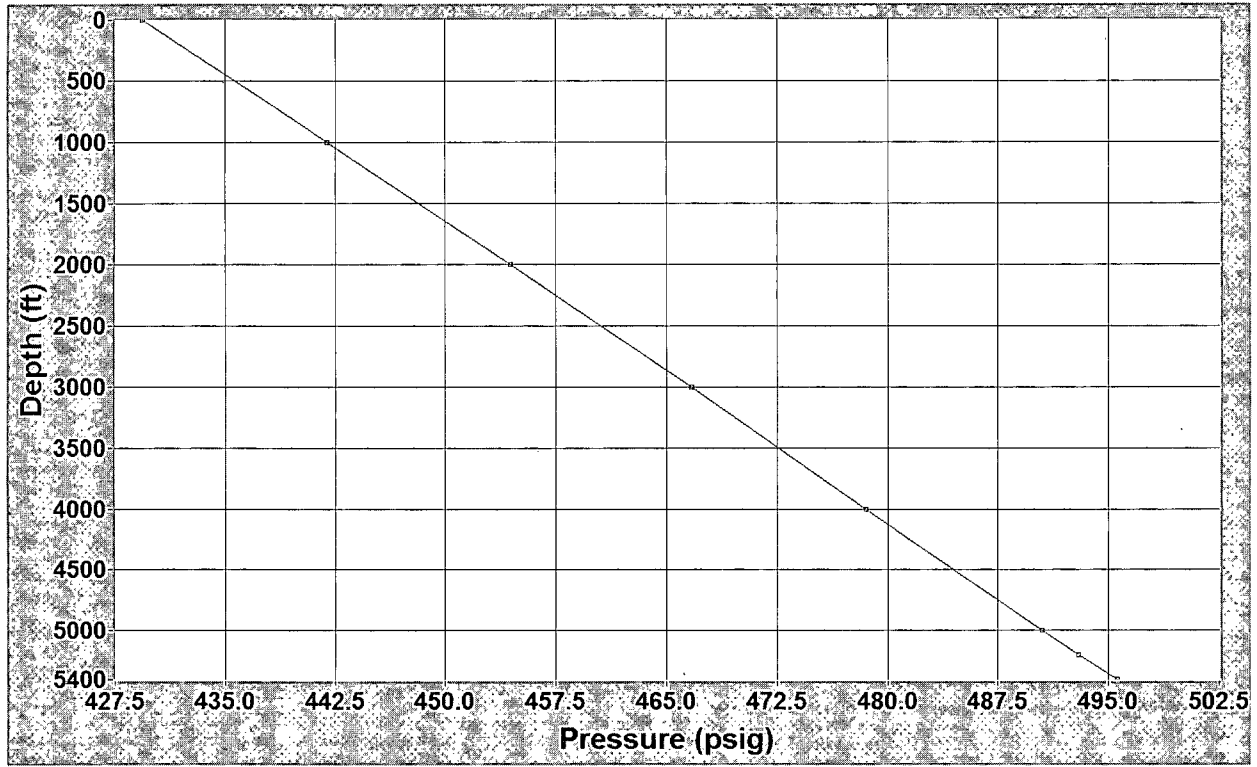
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

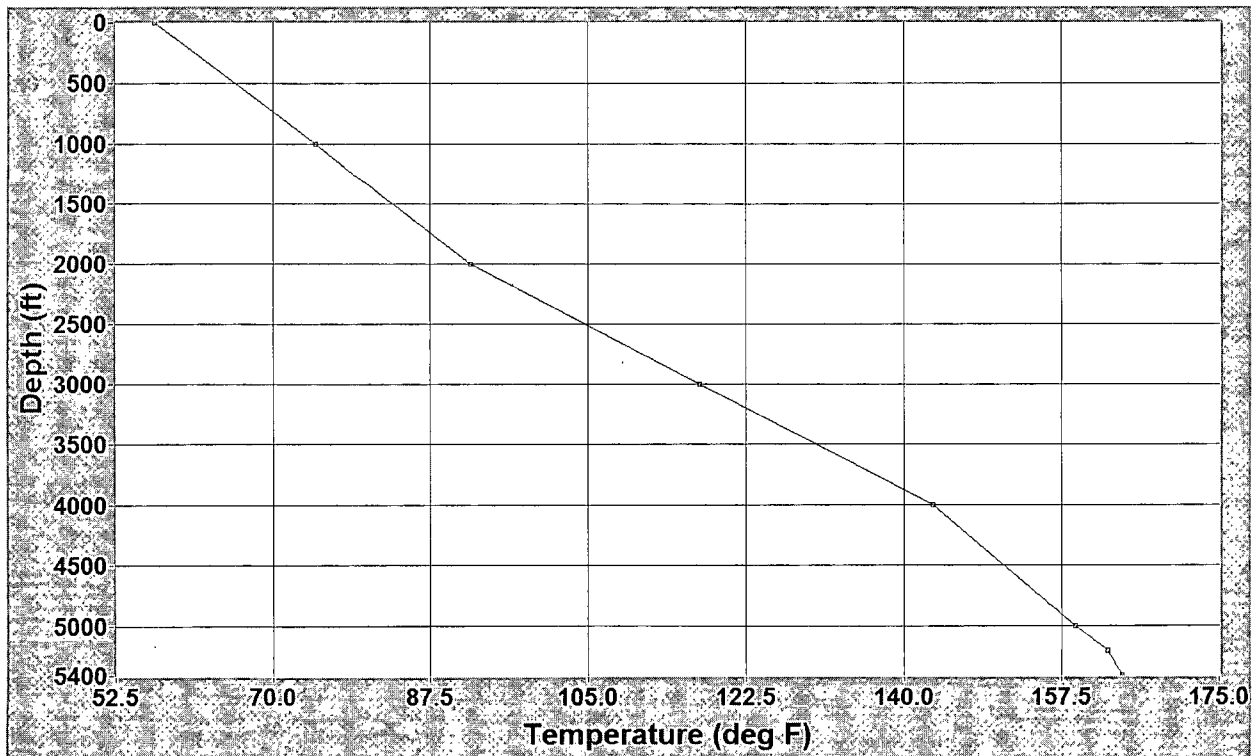
Company Name CONOCOPHILLIPS
Well Name SAN JUAN 29-7 UNIT 300
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Probe Serial Number 19841

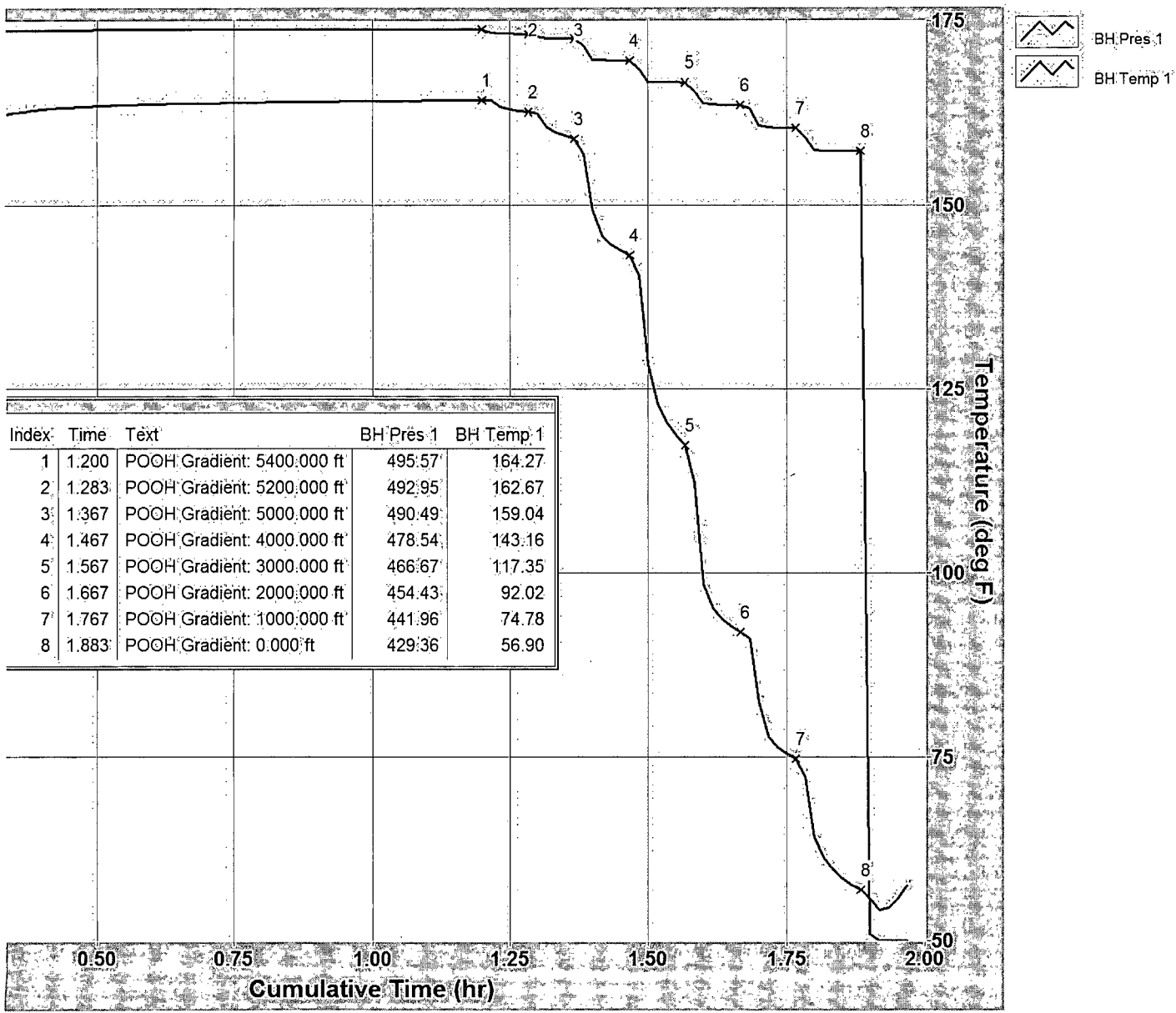
POOH Gradient Depth vs. Pressure



POOH Gradient Depth vs. Temperature



San Juan 29-7 Unit #300



Company Name CONOCOPHILLIPS
Well Name SAN JUAN 29-7 UNIT 300
Type of Test POOH STATIC GRADIENT
Date(s) of Test 4/28/15

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/04/28	08:15:05	0.0000	0.000	68.061
2015/04/28	08:16:05	0.0167	0.000	67.563
2015/04/28	08:17:05	0.0333	0.000	66.826
2015/04/28	08:18:05	0.0500	0.000	65.860
2015/04/28	08:19:05	0.0667	0.000	64.594
2015/04/28	08:20:05	0.0833	0.000	63.340
2015/04/28	08:21:05	0.1000	428.170	61.410
2015/04/28	08:22:05	0.1167	429.430	58.861
2015/04/28	08:23:05	0.1333	435.327	59.497
2015/04/28	08:24:05	0.1500	442.690	65.134
2015/04/28	08:25:05	0.1667	453.205	76.266
2015/04/28	08:26:05	0.1833	472.126	102.119
2015/04/28	08:27:05	0.2000	485.818	136.213
2015/04/28	08:28:05	0.2167	492.270	153.684
2015/04/28	08:29:05	0.2333	493.426	157.860
2015/04/28	08:30:05	0.2500	494.091	159.525
2015/04/28	08:31:05	0.2667	494.423	160.513
2015/04/28	08:32:05	0.2833	494.607	161.200
2015/04/28	08:33:05	0.3000	494.799	161.672
2015/04/28	08:34:05	0.3167	494.884	162.036
2015/04/28	08:35:05	0.3333	494.920	162.325
2015/04/28	08:36:05	0.3500	495.040	162.565
2015/04/28	08:37:05	0.3667	495.068	162.754
2015/04/28	08:38:05	0.3833	495.128	162.900
2015/04/28	08:39:05	0.4000	495.138	163.015
2015/04/28	08:40:05	0.4167	495.153	163.126
2015/04/28	08:41:05	0.4333	495.200	163.224
2015/04/28	08:42:05	0.4500	495.238	163.301
2015/04/28	08:43:05	0.4667	495.269	163.368
2015/04/28	08:44:05	0.4833	495.300	163.432
2015/04/28	08:45:05	0.5000	495.330	163.494
2015/04/28	08:46:05	0.5167	495.352	163.533
2015/04/28	08:47:05	0.5333	495.354	163.580
2015/04/28	08:48:05	0.5500	495.371	163.612
2015/04/28	08:49:05	0.5667	495.392	163.654
2015/04/28	08:50:05	0.5833	495.394	163.686
2015/04/28	08:51:05	0.6000	495.351	163.720
2015/04/28	08:52:05	0.6167	495.367	163.749
2015/04/28	08:53:05	0.6333	495.374	163.785
2015/04/28	08:54:05	0.6500	495.380	163.801
2015/04/28	08:55:05	0.6667	495.350	163.819
2015/04/28	08:56:05	0.6833	495.363	163.839
2015/04/28	08:57:05	0.7000	495.371	163.854
2015/04/28	08:58:05	0.7167	495.378	163.873
2015/04/28	08:59:05	0.7333	495.422	163.897
2015/04/28	09:00:05	0.7500	495.428	163.915
2015/04/28	09:01:05	0.7667	495.419	163.940
2015/04/28	09:02:05	0.7833	495.425	163.956
2015/04/28	09:03:05	0.8000	495.435	163.981
2015/04/28	09:04:05	0.8167	495.442	163.999

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2015/04/28	09:05:05	0.8333	495.438	164.007
2015/04/28	09:06:05	0.8500	495.447	164.028
2015/04/28	09:07:05	0.8667	495.453	164.035
2015/04/28	09:08:05	0.8833	495.467	164.057
2015/04/28	09:09:05	0.9000	495.473	164.070
2015/04/28	09:10:05	0.9167	495.508	164.089
2015/04/28	09:11:05	0.9333	495.506	164.089
2015/04/28	09:12:05	0.9500	495.516	164.115
2015/04/28	09:13:05	0.9667	495.560	164.125
2015/04/28	09:14:05	0.9833	495.565	164.140
2015/04/28	09:15:05	1.0000	495.568	164.151
2015/04/28	09:16:05	1.0167	495.558	164.160
2015/04/28	09:17:05	1.0333	495.569	164.176
2015/04/28	09:18:05	1.0500	495.574	164.190
2015/04/28	09:19:05	1.0667	495.577	164.201
2015/04/28	09:20:05	1.0833	495.581	164.215
2015/04/28	09:21:05	1.1000	495.585	164.226
2015/04/28	09:22:05	1.1167	495.569	164.233
2015/04/28	09:23:05	1.1333	495.571	164.241
2015/04/28	09:24:05	1.1500	495.572	164.248
2015/04/28	09:25:05	1.1667	495.570	164.268
2015/04/28	09:26:05	1.1833	495.570	164.268
POOH Gradient: 5400.000 ft				
2015/04/28	09:27:05	1.2000	495.573	164.275
2015/04/28	09:28:05	1.2167	493.945	164.268
2015/04/28	09:29:05	1.2333	493.271	163.364
2015/04/28	09:30:05	1.2500	493.123	163.072
2015/04/28	09:31:05	1.2667	493.017	162.846
POOH Gradient: 5200.000 ft				
2015/04/28	09:32:05	1.2833	492.955	162.666
2015/04/28	09:33:05	1.3000	491.706	162.439
2015/04/28	09:34:05	1.3167	490.710	160.540
2015/04/28	09:35:05	1.3333	490.503	159.912
2015/04/28	09:36:05	1.3500	490.653	159.433
POOH Gradient: 5000.000 ft				
2015/04/28	09:37:05	1.3667	490.492	159.039
2015/04/28	09:38:05	1.3833	486.754	156.949
2015/04/28	09:39:05	1.4000	479.054	149.268
2015/04/28	09:40:05	1.4167	478.787	145.819
2015/04/28	09:41:05	1.4333	478.579	144.628
2015/04/28	09:42:05	1.4500	478.620	143.803
POOH Gradient: 4000.000 ft				
2015/04/28	09:43:05	1.4667	478.545	143.163
2015/04/28	09:44:05	1.4833	474.164	140.369
2015/04/28	09:45:05	1.5000	467.135	128.287
2015/04/28	09:46:05	1.5167	466.990	122.949
2015/04/28	09:47:05	1.5333	466.788	120.495
2015/04/28	09:48:05	1.5500	466.731	118.720
POOH Gradient: 3000.000 ft				
2015/04/28	09:49:05	1.5667	466.673	117.351

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		hr	psig	deg F
2015/04/28	09:50:05	1.5833	461.892	112.271
2015/04/28	09:51:05	1.6000	455.297	98.476
2015/04/28	09:52:05	1.6167	454.750	95.257
2015/04/28	09:53:05	1.6333	454.500	93.792
2015/04/28	09:54:05	1.6500	454.405	92.788
POOH Gradient: 2000.000 ft				
2015/04/28	09:55:05	1.6667	454.431	92.025
2015/04/28	09:56:05	1.6833	452.429	91.069
2015/04/28	09:57:05	1.7000	443.150	82.544
2015/04/28	09:58:05	1.7167	442.201	77.767
2015/04/28	09:59:05	1.7333	441.984	76.393
2015/04/28	10:00:05	1.7500	442.023	75.475
POOH Gradient: 1000.000 ft				
2015/04/28	10:01:05	1.7667	441.956	74.779
2015/04/28	10:02:05	1.7833	437.202	72.230
2015/04/28	10:03:05	1.8000	429.841	64.049
2015/04/28	10:04:05	1.8167	429.612	61.227
2015/04/28	10:05:05	1.8333	429.503	59.675
2015/04/28	10:06:05	1.8500	429.481	58.509
2015/04/28	10:07:05	1.8667	429.485	57.576
POOH Gradient: 0.000 ft				
2015/04/28	10:08:05	1.8833	429.364	56.905
2015/04/28	10:09:05	1.9000	3.416	55.778
2015/04/28	10:10:05	1.9167	0.000	54.181
2015/04/28	10:11:05	1.9333	0.000	54.502
2015/04/28	10:12:05	1.9500	0.000	55.726