

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 402 POW
Well Location	T30N, R7W, Sec 15
Field and Pool	Fruitland Coal
Status (Oil, Gas, Water, Injection)	Observation
Perforated Intervals	3031-3135
Mid-point of Perforated Intervals (MPP)	
Drilling Rig Number	
Elevations	
Kelly Bushing (KB)	12
Casing Flange (CF)	
KB-CF	
Ground Level	6250
Plug Back Total Depth	3155
Total Depth	3160
Production Casing	5 1/2 to 3156
Production Tubing	2 3/8 to 3041

TEST INFORMATION

Type of Test	POOH Static Gradient
Date(s) of Test	5/13/16
Dead-weight Gauge Tubing Pressure	35
Dead-weight Gauge Casing Pressure	0
Shut-in Date (Duration)	
Date / Time on Bottom	5/13/15 @1047
Date / Time off Bottom	5/13/15 @ 1147
Probe Serial Number	W1036
Probe Offset from End of Tool String	0-6000
Run Depth at Probe Pressure Port	3138

PRESSURE TEST RESULTS

Maximum Recorded Probe Pressure	68.4 psig
Maximum Recorded Probe Temperature	107.8 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 402 POW
Type of Test POOH Static Gradient
Date(s) of Test 5/13/16



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 30-6 Unit 402 POW
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Date(s) of Test	5/13/16



COMMENTS

Reported By

Expert Downhole Services, Inc.

RIH with 1.50 IB and tagged fill @ 3142 WLM. RIH with BHP gauge to 3138 for 1 hour, then POOH making 5 minute gradient stops as requested.

Company Name ConocoPhillips
 Well Name San Juan 30-6 Unit 402 POW
 Type of Test POOH Static Gradient
 Date(s) of Test 5/13/16



Pressure vs. Depth

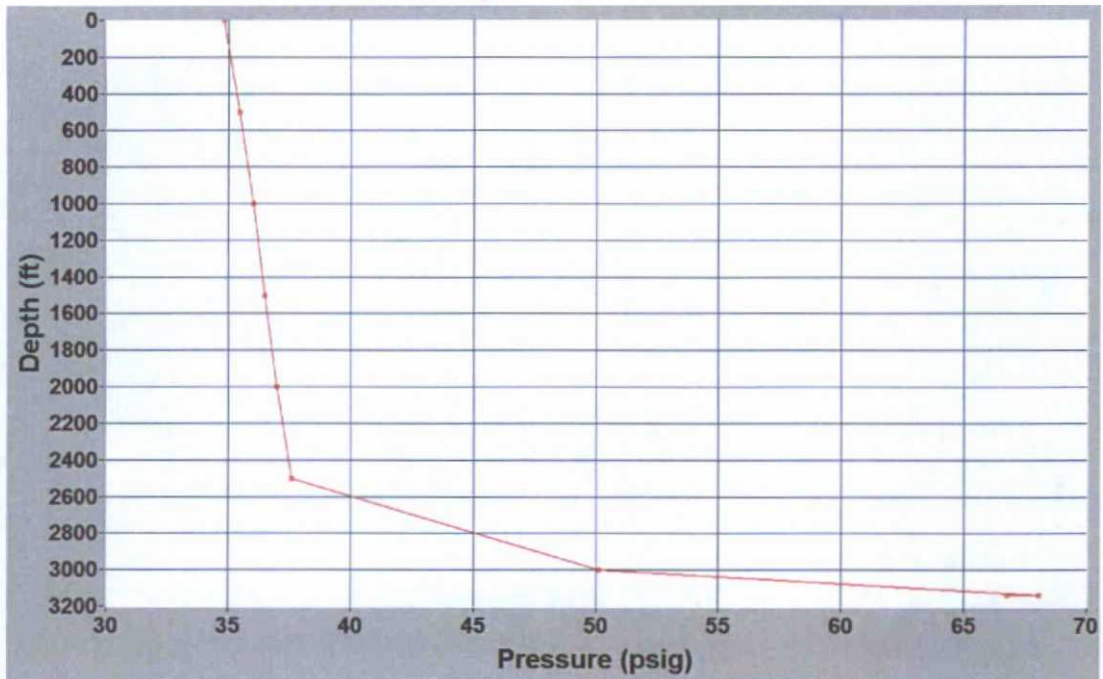
Probe Serial Number W1036

		(ft)	(psig)	(psi/ft)	(deg F)	(deg F/ft)
		3138.000	66.784	-	107.751	-
1047	1147	3138.000	68.058	-	88.941	-
1147	1152	3000.000	50.115	0.1300	107.739	-0.1362
1153	1158	2500.000	37.605	0.0250	105.267	0.0049
1159	1204	2000.000	37.015	0.0012	100.791	0.0090
1205	1210	1500.000	36.500	0.0010	94.440	0.0127
1211	1216	1000.000	36.030	0.0009	88.729	0.0114
1217	1222	500.000	35.473	0.0011	83.523	0.0104
1223	1228	0.000	34.842	0.0013	75.990	0.0151

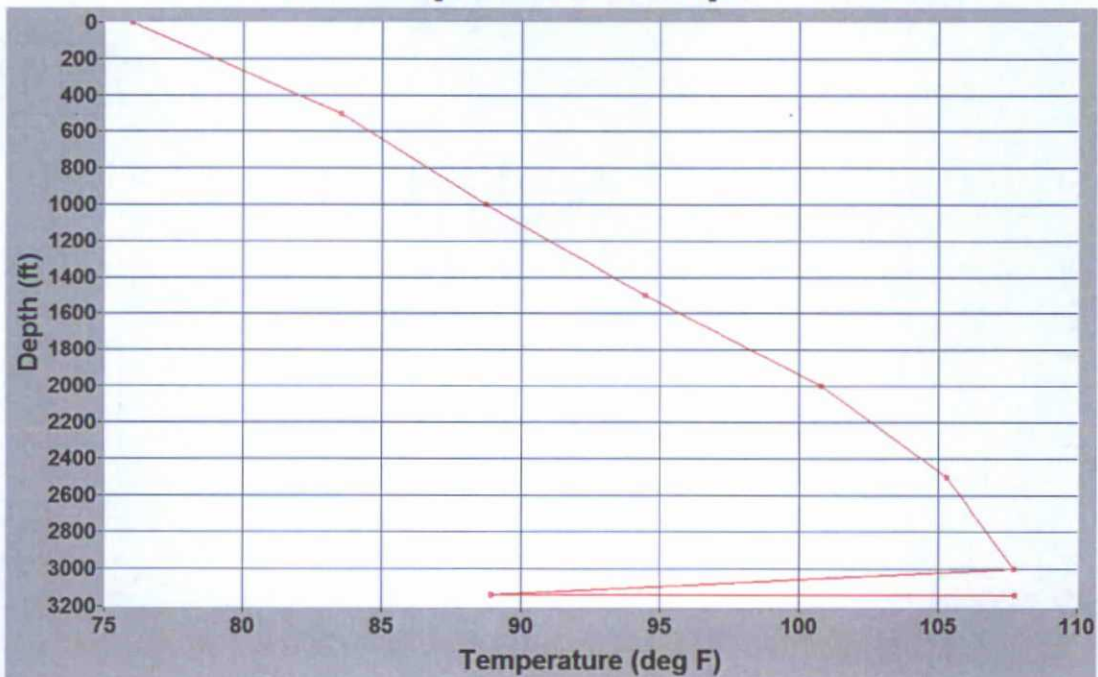
Extrapolated to MPP:

(ft)	(psig)	(deg F)
0.000		

W1036 Depth vs. Pressure



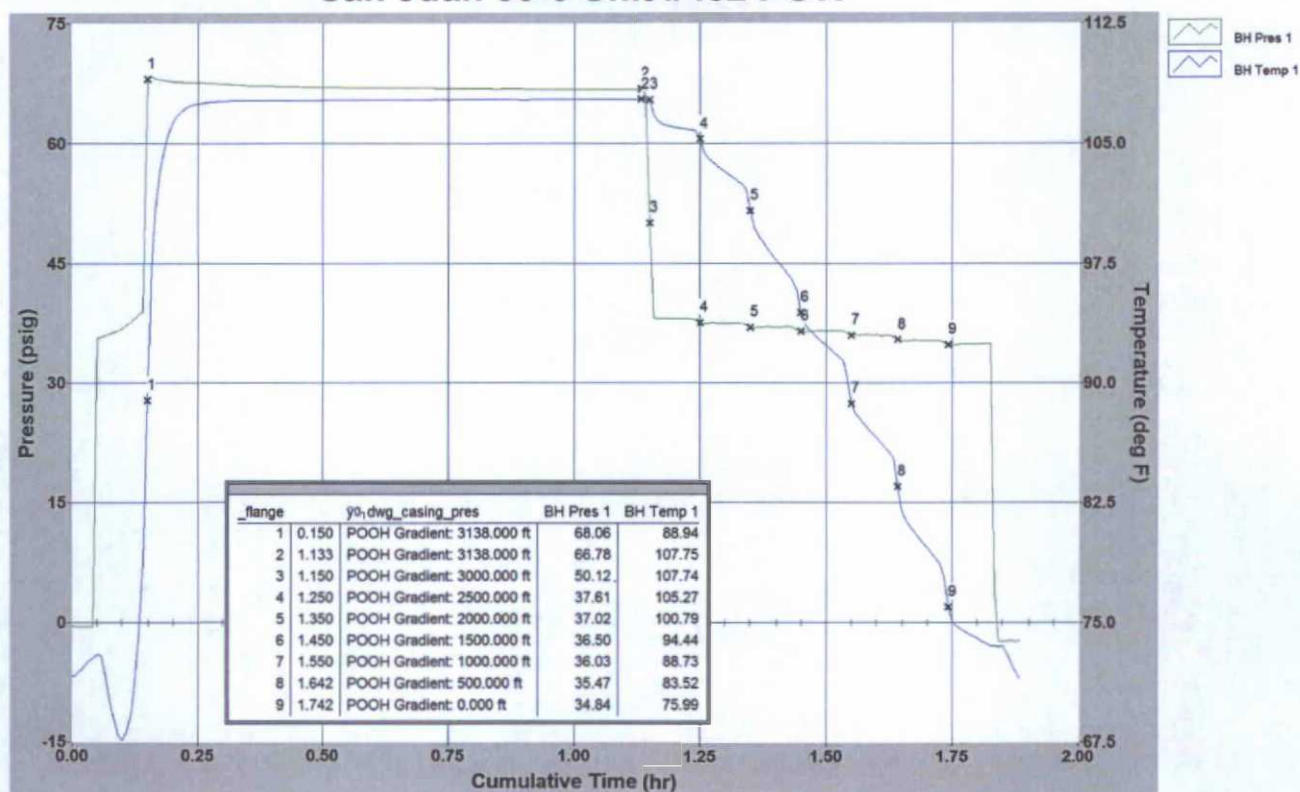
W1036 Depth vs. Temperature



Company Name ConocoPhillips
 Well Name San Juan 30-6 Unit 402 POW
 Type of Test POOH Static Gradient
 Date(s) of Test 5/13/16



San Juan 30-6 Unit #402 POW



Company Name ConocoPhillips
Well Name San Juan 30-6 Unit 402 POW
Type of Test POOH Static Gradient
Date(s) of Test 5/13/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/13	10:38:35	0.0000	-0.410	71.708
2016/05/13	10:39:05	0.0083	-0.458	71.767
2016/05/13	10:39:35	0.0167	-0.455	72.028
2016/05/13	10:40:05	0.0250	-0.473	72.340
2016/05/13	10:40:35	0.0333	-0.507	72.604
2016/05/13	10:41:05	0.0417	-0.507	72.802
2016/05/13	10:41:35	0.0500	35.633	73.044
2016/05/13	10:42:05	0.0583	35.744	72.891
2016/05/13	10:42:35	0.0667	35.963	71.658
2016/05/13	10:43:05	0.0750	36.190	70.182
2016/05/13	10:43:35	0.0833	36.438	68.832
2016/05/13	10:44:05	0.0917	36.602	67.926
2016/05/13	10:44:35	0.1000	36.822	67.629
2016/05/13	10:45:05	0.1083	37.261	68.032
2016/05/13	10:45:35	0.1167	37.634	69.168
2016/05/13	10:46:05	0.1250	38.106	71.310
2016/05/13	10:46:35	0.1333	38.637	74.545
2016/05/13	10:47:05	0.1417	38.924	78.811
POOH Gradient: 3138.000 ft				
2016/05/13	10:47:35	0.1500	68.058	88.941
2016/05/13	10:48:05	0.1583	68.387	97.239
2016/05/13	10:48:35	0.1667	68.056	100.933
2016/05/13	10:49:05	0.1750	67.990	103.190
2016/05/13	10:49:35	0.1833	67.890	104.664
2016/05/13	10:50:05	0.1917	67.792	105.606
2016/05/13	10:50:35	0.2000	67.728	106.241
2016/05/13	10:51:05	0.2083	67.704	106.678
2016/05/13	10:51:35	0.2167	67.676	106.974
2016/05/13	10:52:05	0.2250	67.658	107.179
2016/05/13	10:52:35	0.2333	67.646	107.317
2016/05/13	10:53:05	0.2417	67.605	107.413
2016/05/13	10:53:35	0.2500	67.595	107.483
2016/05/13	10:54:05	0.2583	67.591	107.519
2016/05/13	10:54:35	0.2667	67.548	107.562
2016/05/13	10:55:05	0.2750	67.542	107.589
2016/05/13	10:55:35	0.2833	67.540	107.609
2016/05/13	10:56:05	0.2917	67.458	107.616
2016/05/13	10:56:35	0.3000	67.456	107.641
2016/05/13	10:57:05	0.3083	67.410	107.656
2016/05/13	10:57:35	0.3167	67.392	107.667
2016/05/13	10:58:05	0.3250	67.389	107.665
2016/05/13	10:58:35	0.3333	67.317	107.663
2016/05/13	10:59:05	0.3417	67.314	107.658
2016/05/13	10:59:35	0.3500	67.199	107.661
2016/05/13	11:00:05	0.3583	67.201	107.667
2016/05/13	11:00:35	0.3667	67.197	107.679
2016/05/13	11:01:05	0.3750	67.197	107.677
2016/05/13	11:01:35	0.3833	67.194	107.681
2016/05/13	11:02:05	0.3917	67.197	107.686
2016/05/13	11:02:35	0.4000	67.193	107.692
2016/05/13	11:03:05	0.4083	67.152	107.690
2016/05/13	11:03:35	0.4167	67.151	107.692
2016/05/13	11:04:05	0.4250	67.149	107.690
2016/05/13	11:04:35	0.4333	67.146	107.692

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/13	11:05:05	0.4417	67.142	107.697
2016/05/13	11:05:35	0.4500	67.129	107.690
2016/05/13	11:06:05	0.4583	67.066	107.676
2016/05/13	11:06:35	0.4667	67.070	107.670
2016/05/13	11:07:05	0.4750	67.071	107.681
2016/05/13	11:07:35	0.4833	67.069	107.677
2016/05/13	11:08:05	0.4917	67.070	107.692
2016/05/13	11:08:35	0.5000	67.069	107.701
2016/05/13	11:09:05	0.5083	67.066	107.701
2016/05/13	11:09:35	0.5167	67.063	107.706
2016/05/13	11:10:05	0.5250	67.060	107.706
2016/05/13	11:10:35	0.5333	66.990	107.710
2016/05/13	11:11:05	0.5417	66.986	107.722
2016/05/13	11:11:35	0.5500	66.987	107.737
2016/05/13	11:12:05	0.5583	66.988	107.730
2016/05/13	11:12:35	0.5667	66.985	107.728
2016/05/13	11:13:05	0.5750	66.982	107.733
2016/05/13	11:13:35	0.5833	66.979	107.731
2016/05/13	11:14:05	0.5917	66.980	107.721
2016/05/13	11:14:35	0.6000	66.978	107.713
2016/05/13	11:15:05	0.6083	66.975	107.721
2016/05/13	11:15:35	0.6167	66.971	107.728
2016/05/13	11:16:05	0.6250	66.969	107.728
2016/05/13	11:16:35	0.6333	66.965	107.735
2016/05/13	11:17:05	0.6417	66.950	107.722
2016/05/13	11:17:35	0.6500	66.938	107.721
2016/05/13	11:18:05	0.6583	66.936	107.717
2016/05/13	11:18:35	0.6667	66.933	107.721
2016/05/13	11:19:05	0.6750	66.930	107.719
2016/05/13	11:19:35	0.6833	66.927	107.721
2016/05/13	11:20:05	0.6917	66.925	107.719
2016/05/13	11:20:35	0.7000	66.922	107.722
2016/05/13	11:21:05	0.7083	66.918	107.731
2016/05/13	11:21:35	0.7167	66.915	107.735
2016/05/13	11:22:05	0.7250	66.903	107.744
2016/05/13	11:22:35	0.7333	66.899	107.751
2016/05/13	11:23:05	0.7417	66.897	107.744
2016/05/13	11:23:35	0.7500	66.895	107.739
2016/05/13	11:24:05	0.7583	66.897	107.744
2016/05/13	11:24:35	0.7667	66.894	107.748
2016/05/13	11:25:05	0.7750	66.891	107.746
2016/05/13	11:25:35	0.7833	66.888	107.751
2016/05/13	11:26:05	0.7917	66.891	107.746
2016/05/13	11:26:35	0.8000	66.888	107.751
2016/05/13	11:27:05	0.8083	66.885	107.751
2016/05/13	11:27:35	0.8167	66.883	107.742
2016/05/13	11:28:05	0.8250	66.827	107.742
2016/05/13	11:28:35	0.8333	66.824	107.748
2016/05/13	11:29:05	0.8417	66.821	107.749
2016/05/13	11:29:35	0.8500	66.821	107.748
2016/05/13	11:30:05	0.8583	66.824	107.744
2016/05/13	11:30:35	0.8667	66.824	107.742
2016/05/13	11:31:05	0.8750	66.827	107.740
2016/05/13	11:31:35	0.8833	66.827	107.744

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Date(s) of Test 5/13/16



Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/13	11:32:05	0.8917	66.825	107.737
2016/05/13	11:32:35	0.9000	66.808	107.735
2016/05/13	11:33:05	0.9083	66.805	107.739
2016/05/13	11:33:35	0.9167	66.807	107.746
2016/05/13	11:34:05	0.9250	66.804	107.751
2016/05/13	11:34:35	0.9333	66.806	107.762
2016/05/13	11:35:05	0.9417	66.805	107.764
2016/05/13	11:35:35	0.9500	66.809	107.753
2016/05/13	11:36:05	0.9583	66.813	107.748
2016/05/13	11:36:35	0.9667	66.813	107.746
2016/05/13	11:37:05	0.9750	66.809	107.753
2016/05/13	11:37:35	0.9833	66.809	107.753
2016/05/13	11:38:05	0.9917	66.810	107.749
2016/05/13	11:38:35	1.0000	66.808	107.742
2016/05/13	11:39:05	1.0083	66.805	107.742
2016/05/13	11:39:35	1.0167	66.804	107.755
2016/05/13	11:40:05	1.0250	66.806	107.757
2016/05/13	11:40:35	1.0333	66.803	107.757
2016/05/13	11:41:05	1.0417	66.804	107.749
2016/05/13	11:41:35	1.0500	66.807	107.744
2016/05/13	11:42:05	1.0583	66.803	107.757
2016/05/13	11:42:35	1.0667	66.801	107.753
2016/05/13	11:43:05	1.0750	66.798	107.753
2016/05/13	11:43:35	1.0833	66.798	107.753
2016/05/13	11:44:05	1.0917	66.796	107.748
2016/05/13	11:44:35	1.1000	66.793	107.748
2016/05/13	11:45:05	1.1083	66.790	107.753
2016/05/13	11:45:35	1.1167	66.790	107.751
2016/05/13	11:46:05	1.1250	66.787	107.749
POOH Gradient: 3138.000 ft				
2016/05/13	11:46:35	1.1333	66.784	107.751
2016/05/13	11:47:05	1.1417	66.784	107.757
POOH Gradient: 3000.000 ft				
2016/05/13	11:47:35	1.1500	50.115	107.739
2016/05/13	11:48:05	1.1583	38.176	106.734
2016/05/13	11:48:35	1.1667	38.091	106.363
2016/05/13	11:49:05	1.1750	38.079	106.214
2016/05/13	11:49:35	1.1833	38.072	106.122
2016/05/13	11:50:05	1.1917	38.078	106.061
2016/05/13	11:50:35	1.2000	38.074	106.011
2016/05/13	11:51:05	1.2083	38.059	105.957
2016/05/13	11:51:35	1.2167	38.064	105.908
2016/05/13	11:52:05	1.2250	38.066	105.874
2016/05/13	11:52:35	1.2333	38.027	105.834
2016/05/13	11:53:05	1.2417	37.899	105.775
POOH Gradient: 2500.000 ft				
2016/05/13	11:53:35	1.2500	37.605	105.267
2016/05/13	11:54:05	1.2583	37.507	104.439
2016/05/13	11:54:35	1.2667	37.519	104.065
2016/05/13	11:55:05	1.2750	37.551	103.827
2016/05/13	11:55:35	1.2833	37.507	103.611
2016/05/13	11:56:05	1.2917	37.497	103.411
2016/05/13	11:56:35	1.3000	37.523	103.219
2016/05/13	11:57:05	1.3083	37.535	103.023

Date	Time	Cum.Time BH1	BH Pres 1	BH Temp 1
		hr	psig	deg F
2016/05/13	11:57:35	1.3167	37.545	102.837
2016/05/13	11:58:05	1.3250	37.522	102.654
2016/05/13	11:58:35	1.3333	37.529	102.477
2016/05/13	11:59:05	1.3417	37.346	102.094
POOH Gradient: 2000.000 ft				
2016/05/13	11:59:35	1.3500	37.015	100.791
2016/05/13	12:00:05	1.3583	36.955	99.754
2016/05/13	12:00:35	1.3667	37.029	99.244
2016/05/13	12:01:05	1.3750	36.997	98.839
2016/05/13	12:01:35	1.3833	37.048	98.469
2016/05/13	12:02:05	1.3917	36.998	98.107
2016/05/13	12:02:35	1.4000	37.026	97.767
2016/05/13	12:03:05	1.4083	37.034	97.441
2016/05/13	12:04:05	1.4250	37.061	96.804
2016/05/13	12:04:35	1.4333	37.029	96.496
2016/05/13	12:05:05	1.4417	36.737	95.817
POOH Gradient: 1500.000 ft				
2016/05/13	12:05:35	1.4500	36.500	94.440
2016/05/13	12:06:05	1.4583	36.432	93.711
2016/05/13	12:06:35	1.4667	36.483	93.375
2016/05/13	12:07:05	1.4750	36.524	93.101
2016/05/13	12:07:35	1.4833	36.549	92.844
2016/05/13	12:08:05	1.4917	36.581	92.593
2016/05/13	12:08:35	1.5000	36.568	92.349
2016/05/13	12:09:05	1.5083	36.603	92.115
2016/05/13	12:09:35	1.5167	36.575	91.879
2016/05/13	12:10:05	1.5250	36.550	91.645
2016/05/13	12:10:35	1.5333	36.553	91.405
2016/05/13	12:11:05	1.5417	36.179	90.257
POOH Gradient: 1000.000 ft				
2016/05/13	12:11:35	1.5500	36.030	88.729
2016/05/13	12:12:05	1.5583	36.059	88.111
2016/05/13	12:12:35	1.5667	36.036	87.742
2016/05/13	12:13:05	1.5750	36.046	87.426
2016/05/13	12:13:35	1.5833	36.090	87.129
2016/05/13	12:14:05	1.5917	36.009	86.832
2016/05/13	12:14:35	1.6000	36.052	86.545
2016/05/13	12:15:05	1.6083	35.954	86.252
2016/05/13	12:15:35	1.6167	35.999	85.973
2016/05/13	12:16:05	1.6250	35.967	85.698
2016/05/13	12:16:35	1.6333	35.842	85.262
POOH Gradient: 500.000 ft				
2016/05/13	12:17:05	1.6417	35.473	83.523
2016/05/13	12:17:35	1.6500	35.345	82.000
2016/05/13	12:18:05	1.6583	35.358	81.415
2016/05/13	12:18:35	1.6667	35.351	81.025
2016/05/13	12:19:05	1.6750	35.372	80.677
2016/05/13	12:19:35	1.6833	35.359	80.335
2016/05/13	12:20:05	1.6917	35.359	80.001
2016/05/13	12:20:35	1.7000	35.346	79.675
2016/05/13	12:21:05	1.7083	35.326	79.362
2016/05/13	12:21:35	1.7167	35.316	79.039
2016/05/13	12:22:05	1.7250	35.287	78.732
2016/05/13	12:22:35	1.7333	35.110	77.797

MAY 18 2016

ConocoPhillips Wireline Report**API:** 300392401500**Date** 5/13/2016**Well Name****Well Name**

SAN JUAN 30-6 UNIT #402

Wireline Company Expert Downhole Services,
Inc.**Wireline Operator** Ethan Eudey**Tubing Size** 2-3/8"**Formation** FRC A728855 FRC A728855**Slickline Total Depth** 0 feet**Measured from** 0 feet above GL **Spud Date:****Fluid Level** 0 feet **PBTD****Casing psi** 0 **Foreman** Mike Murphy**Tubing psi** 35 **MSO** Jason Moberg**Seating Nipple Depth** feet **RUN** 500**Seating Nipple Depth** 0 feet**Reason for Running Wireline**
Survey**Invoice #:** 25201**County:** Rio Arriba**Well Head Info****Ordered By:** Priscilla Shorty**Engineer:** Berkeley Brown**Network Number(s)****Report****Lease ID(s) (OPEX):**

RIH with 1.50" impression block, tagged at 3142' wlm; Ran gauges as per request; Rigged down;