

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/93

Submit Original
Plus 2 Copies
to appropriate
District Office

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

- I. Operator: Conoco Inc. OGRID #: 005073
Address: 10 Desta Drive, Suite 100W, Midland, TX 79705-4500
Contact Party: Donna Moore Phone: 915-686-6565
- II. Name of Well: Hamilton #1 API #: 30-045-1121400
Location of Well: Unit Letter M, 990 Feet from the South line and 990 feet from the West line.
Section 30, Township 32N, Range 10W, NMPM, San Juan County
- III. Date Workover Procedures Commenced: September 24, 1996
Date Workover Procedures were Completed: October 17, 1996
- IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
See attached Subsequent Report Sundry Notice for work description.
- V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.
See attached production decline and projection.
- VI. Pool(s) on which Production Projection is based: Mesaverde

VII. AFFIDAVIT:

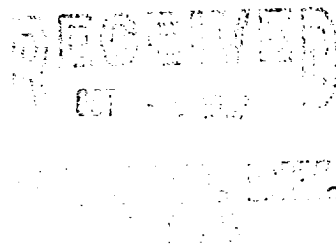
State of Texas)
County of Midland) ss.

Donna Moore, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Donna Moore
(Name)

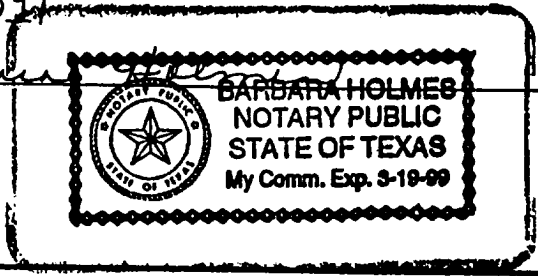
Staff Analyst - Financial
(Title)



SUBSCRIBED AND SWORN TO before me this 6 day of October, 1997

Barbara Holmes
Notary Public

My Commission expires: 3-19-99



FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 10/17, 1997

358
District Supervisor, District 3
Oil Conservation Division
Date: 10/27/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)

990' FSL & 990' FWL, SEC. 30, T 32N, R 10W, UNIT LTR 'M', LOT 17

5. Lease Designation and Serial No.

SF 076554

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

HAMILTON #1

9. API Well No.

30-045-11214

10. Field and Pool, or Exploratory Area

BLANCO MESAVERDE

11. County or Parish, State

San Juan, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **CSG LEAK & PERF**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

9-24-96 MIRU Big A Rig 12. POOH W/ 2 3/8" tbg, rods & pump. GIH W/ 7" scraper to 4498', POOH. GIH W/ 4 1/4" bit & 5" scraper, tag fill @ 5386', POOH. GIH W/ RBP set @ 4700' and packer set @ 2252', to isolate csg leak from 2375-2406', est rate 1/2 BPM @ 700# psi. Squeeze W/ 100sx class 'C' cmt. GIH W/ 6 1/4" blade bit tag TOC @ 2341', drilled out cmt from 2341-2400', test csg from 4700' to surface @ 500# psi held good for 15 min test., POOH, W/ RBP. Clean out sand fill from 5386' to 5445' PBD. Perf Menefee W/ Selectfire guns W/ 0.37 charge @ 4693-99, 5003-5090, total of 31 holes. GIH W/ 165 jts 2 3/8" tbg set @ 5150'.

10-17-96 RDMO. Return well to production

RECEIVED
BLM
96 NOV - 4 PM 3:09
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signature

Bill R. Keathly

Title

Bill R. Keathly
Sr. Regulatory Specialist

(This space for Federal or State office use)

Approved by

Conditions of approval if any

Title

Date

JAN 23 1997

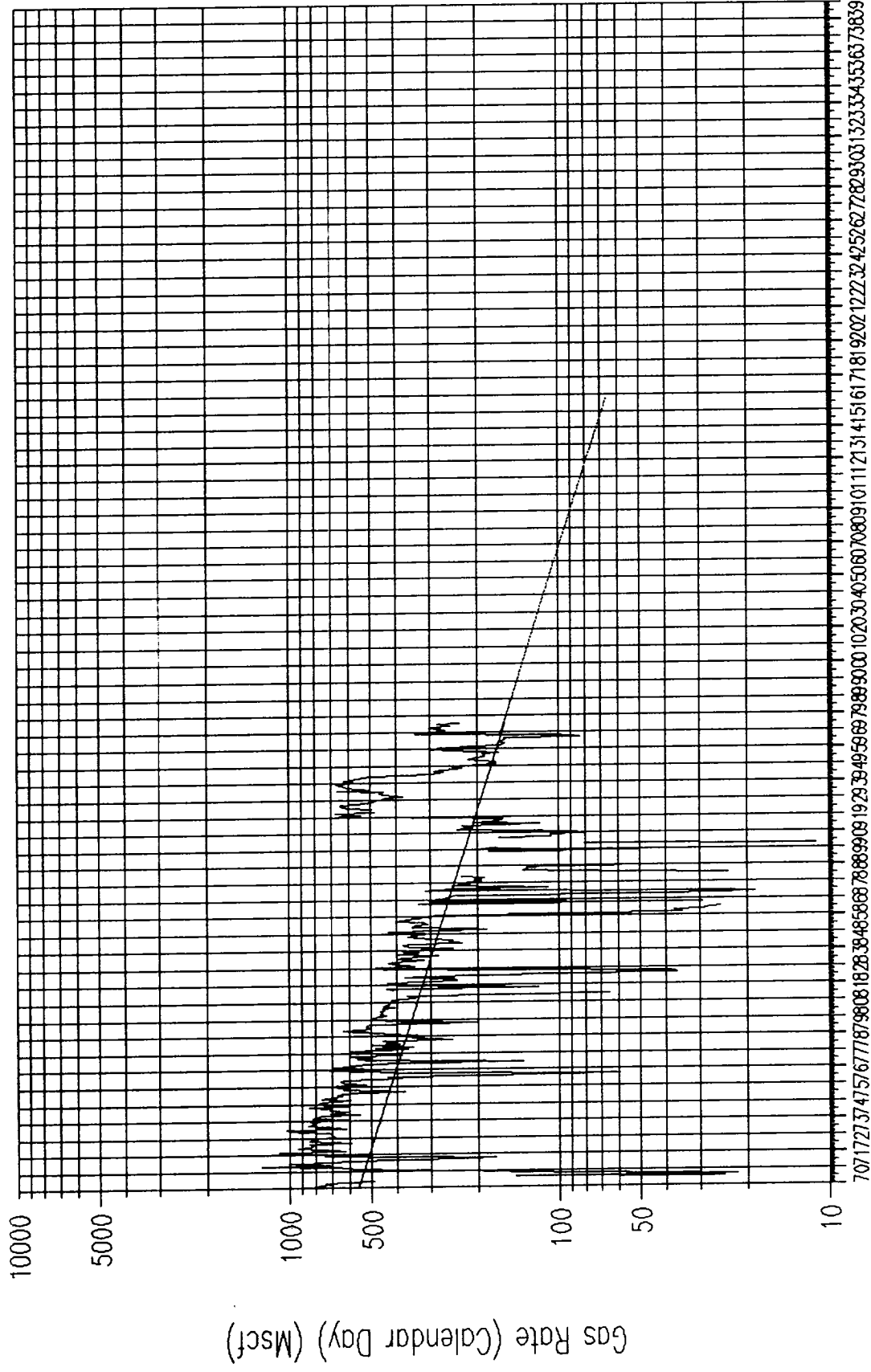
BLM(6), BRK, PONCA, DJS, FILE ROOM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States or representations as to any matter within its jurisdiction

*See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

HAMILTON 1



Decline Rate (frac) Nominal: 0.003816 Effective: 0.003809 Annual: 0.044761

Current Gas rate: 164.95 Mscf/d

Economic Limit: 42.000 Mscf/d

Cumulative Gas Produced: 6640.49 MMscf

Remaining Reserves: 788.6 MMscf

Total Reserves: 7429.1 MMscf – At End of Forecast

HAMILTON 1

DATE	GAS RATE (CD) Mscf
9606	163
9607	158
9608	159
9609	83
9610	102
9611	341
9612	301
9701	268
9702	262
9703	302
9704	290
9705	251
9706	283
9707	233

Exponential Decline Analysis

HAMILTON 1

Equation: $Q_{oi} * \exp(-D_i * t)$ $t =$ Elapsed Months from 7001
 $Q_{oi} = 557.27$ $D_i = 0.003816$

Decline Rate (frac) Nominal: 0.003816 Effective: 0.003809 Annual: 0.044761
Current Gas rate: 164.95 Mscf/d
Economic Limit: 42.000 Mscf/d
Cumulative Gas Produced: 6640.49 MMscf
Remaining Reserves: 788.6 MMscf
Total Reserves: 7429.1 MMscf - At End of Forecast

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
-----	-----	-----	-----
11/1996	164.64	783.615	6645.499
12/1996	164.01	778.627	6650.487
1/1997	163.39	773.657	6655.457
2/1997	162.76	768.706	6660.408
3/1997	162.14	763.775	6665.339
4/1997	161.52	758.862	6670.252
5/1997	160.91	753.967	6675.147
6/1997	160.29	749.092	6680.022
7/1997	159.69	744.235	6684.879
8/1997	159.08	739.396	6689.718
9/1997	158.47	734.576	6694.538
10/1997	157.87	729.774	6699.340
11/1997	157.27	724.990	6704.124
12/1997	156.67	720.225	6708.889
1/1998	156.07	715.478	6713.636
2/1998	155.48	710.749	6718.365

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
3/1998	154.88	706.038	6723.076
4/1998	154.29	701.345	6727.769
5/1998	153.71	696.670	6732.444
6/1998	153.12	692.013	6737.101
7/1998	152.54	687.373	6741.741
8/1998	151.96	682.751	6746.363
9/1998	151.38	678.147	6750.967
10/1998	150.80	673.560	6755.554
11/1998	150.23	668.990	6760.124
12/1998	149.65	664.438	6764.676
1/1999	149.08	659.904	6769.210
2/1999	148.52	655.386	6773.728
3/1999	147.95	650.886	6778.228
4/1999	147.39	646.403	6782.711
5/1999	146.83	641.937	6787.177
6/1999	146.27	637.488	6791.626
7/1999	145.71	633.056	6796.058
8/1999	145.16	628.641	6800.473
9/1999	144.60	624.242	6804.872
10/1999	144.05	619.861	6809.253
11/1999	143.51	615.496	6813.618
12/1999	142.96	611.148	6817.966
1/2000	142.41	606.817	6822.297
2/2000	141.87	602.501	6826.613
3/2000	141.33	598.202	6830.912
4/2000	140.79	593.920	6835.194
5/2000	140.25	589.654	6839.460
6/2000	139.72	585.404	6843.710
7/2000	139.19	581.170	6847.944
8/2000	138.66	576.952	6852.162
9/2000	138.13	572.751	6856.363

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
-----	-----	-----	-----
10/2000	137.60	568.566	6860.548
11/2000	137.08	564.396	6864.718
12/2000	136.56	560.242	6868.872
1/2001	136.04	556.105	6873.009
2/2001	135.52	551.983	6877.131
3/2001	135.00	547.876	6881.238
4/2001	134.49	543.785	6885.329
5/2001	133.98	539.710	6889.404
6/2001	133.47	535.651	6893.463
7/2001	132.96	531.607	6897.507
8/2001	132.45	527.578	6901.536
9/2001	131.95	523.565	6905.549
10/2001	131.44	519.567	6909.547
11/2001	130.95	515.584	6913.530
12/2001	130.44	511.616	6917.498
1/2002	129.95	507.663	6921.451
2/2002	129.45	503.726	6925.388
3/2002	128.96	499.803	6929.311
4/2002	128.47	495.895	6933.219
5/2002	127.98	492.003	6937.111
6/2002	127.49	488.125	6940.989
7/2002	127.01	484.261	6944.853
8/2002	126.52	480.413	6948.701
9/2002	126.04	476.579	6952.535
10/2002	125.56	472.760	6956.354
11/2002	125.08	468.955	6960.159
12/2002	124.61	465.165	6963.949
1/2003	124.13	461.389	6967.725
2/2003	123.66	457.628	6971.486
3/2003	123.19	453.881	6975.233
4/2003	122.72	450.148	6978.966

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
5/2003	122.25	446.430	6982.684
6/2003	121.79	442.726	6986.388
7/2003	121.32	439.035	6990.079
8/2003	120.86	435.359	6993.755
9/2003	120.40	431.697	6997.417
10/2003	119.94	428.049	7001.065
11/2003	119.48	424.415	7004.699
12/2003	119.03	420.794	7008.320
1/2004	118.57	417.188	7011.926
2/2004	118.12	413.595	7015.519
3/2004	117.67	410.016	7019.098
4/2004	117.23	406.450	7022.664
5/2004	116.78	402.898	7026.216
6/2004	116.33	399.360	7029.754
7/2004	115.89	395.835	7033.279
8/2004	115.45	392.323	7036.791
9/2004	115.01	388.825	7040.289
10/2004	114.57	385.340	7043.774
11/2004	114.13	381.868	7047.246
12/2004	113.70	378.410	7050.704
1/2005	113.27	374.965	7054.149
2/2005	112.83	371.532	7057.582
3/2005	112.41	368.114	7061.000
4/2005	111.98	364.708	7064.406
5/2005	111.55	361.315	7067.799
6/2005	111.13	357.934	7071.180
7/2005	110.70	354.567	7074.547
8/2005	110.28	351.213	7077.901
9/2005	109.86	347.871	7081.243
10/2005	109.44	344.542	7084.572
11/2005	109.03	341.225	7087.889

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
-----	-----	-----	-----
12/2005	108.61	337.922	7091.192
1/2006	108.20	334.631	7094.483
2/2006	107.78	331.352	7097.762
3/2006	107.38	328.086	7101.028
4/2006	106.97	324.833	7104.281
5/2006	106.56	321.592	7107.522
6/2006	106.15	318.363	7110.751
7/2006	105.75	315.146	7113.968
8/2006	105.34	311.942	7117.172
9/2006	104.95	308.750	7120.364
10/2006	104.54	305.571	7123.543
11/2006	104.15	302.403	7126.711
12/2006	103.75	299.247	7129.867
1/2007	103.35	296.103	7133.011
2/2007	102.96	292.971	7136.143
3/2007	102.57	289.852	7139.262
4/2007	102.18	286.744	7142.370
5/2007	101.79	283.648	7145.466
6/2007	101.40	280.564	7148.550
7/2007	101.02	277.491	7151.623
8/2007	100.63	274.430	7154.684
9/2007	100.25	271.381	7157.733
10/2007	99.86	268.343	7160.771
11/2007	99.49	265.317	7163.797
12/2007	99.10	262.302	7166.812
1/2008	98.73	259.300	7169.814
2/2008	98.35	256.308	7172.806
3/2008	97.98	253.328	7175.786
4/2008	97.60	250.359	7178.755
5/2008	97.23	247.402	7181.712
6/2008	96.86	244.455	7184.659

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
7/2008	96.49	241.520	7187.594
8/2008	96.13	238.596	7190.518
9/2008	95.76	235.684	7193.430
10/2008	95.40	232.782	7196.332
11/2008	95.03	229.891	7199.223
12/2008	94.67	227.012	7202.102
1/2009	94.31	224.143	7204.971
2/2009	93.95	221.286	7207.828
3/2009	93.59	218.439	7210.675
4/2009	93.23	215.603	7213.511
5/2009	92.88	212.778	7216.336
6/2009	92.53	209.964	7219.150
7/2009	92.17	207.160	7221.954
8/2009	91.82	204.367	7224.747
9/2009	91.47	201.585	7227.529
10/2009	91.13	198.813	7230.301
11/2009	90.78	196.052	7233.062
12/2009	90.43	193.301	7235.813
1/2010	90.09	190.561	7238.553
2/2010	89.75	187.831	7241.283
3/2010	89.40	185.112	7244.002
4/2010	89.06	182.403	7246.711
5/2010	88.72	179.704	7249.410
6/2010	88.38	177.016	7252.098
7/2010	88.05	174.338	7254.776
8/2010	87.71	171.670	7257.444
9/2010	87.38	169.012	7260.102
10/2010	87.05	166.364	7262.750
11/2010	86.71	163.727	7265.387
12/2010	86.38	161.099	7268.015
1/2011	86.06	158.482	7270.632

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
2/2011	85.73	155.874	7273.240
3/2011	85.40	153.277	7275.837
4/2011	85.08	150.689	7278.425
5/2011	84.75	148.111	7281.003
6/2011	84.43	145.543	7283.571
7/2011	84.11	142.985	7286.129
8/2011	83.79	140.437	7288.677
9/2011	83.47	137.898	7291.216
10/2011	83.15	135.368	7293.746
11/2011	82.83	132.849	7296.265
12/2011	82.52	130.339	7298.775
1/2012	82.20	127.839	7301.275
2/2012	81.89	125.348	7303.766
3/2012	81.58	122.866	7306.248
4/2012	81.27	120.395	7308.719
5/2012	80.96	117.932	7311.182
6/2012	80.65	115.479	7313.635
7/2012	80.34	113.035	7316.079
8/2012	80.04	110.601	7318.513
9/2012	79.73	108.176	7320.938
10/2012	79.43	105.760	7323.354
11/2012	79.13	103.353	7325.761
12/2012	78.82	100.955	7328.159
1/2013	78.52	98.567	7330.547
2/2013	78.22	96.187	7332.927
3/2013	77.93	93.817	7335.297
4/2013	77.63	91.456	7337.658
5/2013	77.33	89.104	7340.010
6/2013	77.04	86.760	7342.354
7/2013	76.75	84.426	7344.688
8/2013	76.45	82.100	7347.014

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
9/2013	76.16	79.784	7349.330
10/2013	75.87	77.476	7351.638
11/2013	75.59	75.177	7353.937
12/2013	75.30	72.887	7356.227
1/2014	75.01	70.606	7358.508
2/2014	74.72	68.333	7360.781
3/2014	74.44	66.069	7363.045
4/2014	74.16	63.813	7365.301
5/2014	73.87	61.566	7367.548
6/2014	73.59	59.328	7369.786
7/2014	73.31	57.098	7372.016
8/2014	73.03	54.877	7374.237
9/2014	72.75	52.664	7376.450
10/2014	72.48	50.459	7378.655
11/2014	72.20	48.263	7380.851
12/2014	71.92	46.075	7383.039
1/2015	71.65	43.896	7385.218
2/2015	71.38	41.725	7387.389
3/2015	71.11	39.563	7389.551
4/2015	70.83	37.408	7391.706
5/2015	70.57	35.261	7393.853
6/2015	70.30	33.123	7395.991
7/2015	70.03	30.993	7398.121
8/2015	69.76	28.871	7400.243
9/2015	69.50	26.758	7402.356
10/2015	69.23	24.652	7404.462
11/2015	68.97	22.554	7406.560
12/2015	68.71	20.464	7408.650
1/2016	68.44	18.382	7410.732
2/2016	68.18	16.308	7412.806
3/2016	67.92	14.242	7414.872

Date	Gas Mscf/d	Remaining Reserves MMscf	Cumulative Production MMscf
-----	-----	-----	-----
4/2016	67.66	12.184	7416.930
5/2016	67.41	10.134	7418.980
6/2016	67.15	8.092	7421.022
7/2016	66.89	6.057	7423.057
8/2016	66.64	4.030	7425.084
9/2016	66.39	2.011	7427.103
10/2016	66.13	-0.001	7429.115