

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 11/1/95

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: Ray Rosato Phone: (915) 686-6116
- II. Name of Well: Lucerne B #1E API #: 30-045-24415
Location of Well: Unit Letter M, 830 Feet from the South line and 850 feet from the West line.
Section 17, Township 28N, Range 11W, NMPM, San Juan County
- III. Date Workover Procedures Commenced: January 10, 1997
Date Workover Procedures were Completed: January 15, 1997
- IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
See attached 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: Dakota
- VII. AFFIDAVIT:
State of Texas)
County of Midland) ss.

Mary Ann Tomasevic, 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.

Mary Ann Tomasevic
(Name)

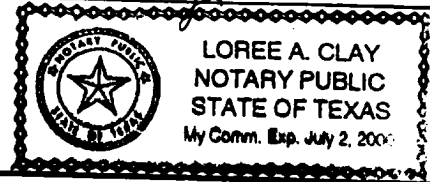
Sr. Staff Gas Assistant
(Title)

SUBSCRIBED AND SWORN TO before me this 31st day of December, 1997

Loree A. Clay

Notary Public

My Commission expires: July 2, 2000



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 1/15/98, 1997.

358
District Supervisor, District 2
Oil Conservation Division

Date: 1/2/98

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		5. LEASE DESIGNATION AND SERIAL NO. NM010063																					
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																					
SUBMIT IN TRIPLICATE		7. IF UNIT OR CA. AGREEMENT DESIGNATION																					
1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐	8. WELL NAME AND NO. LUCERNE B #1E																						
2. NAME OF OPERATOR CONOCO INC.	9. API WELL NO. 30-045-24415																						
3. ADDRESS AND TELEPHONE NO. 10 DESTA DR., SUITE 100W, MIDLAND, TX 79705-4500 (915)686-5424	10. FIELD AND POOL, OR EXPLORATORY AREA BASIN DAKOTA / SAN JUAN DRIP																						
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 830' FSL AND 850' FWL, SEC. 17, T28N, R11W, UNIT LTR 'M'	11. COUNTY OR PARISH, STATE SAN JUAN, NM																						
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																							
<table border="1"><thead><tr><th>TYPE OF SUBMISSION</th><th colspan="2">TYPE OF ACTION</th></tr></thead><tbody><tr><td>☐ Notice of Intent</td><td>☐ Abandonment</td><td>☐ Change of Plans</td></tr><tr><td>☒ Subsequent Report</td><td>☐ Recompletion</td><td>☐ New Construction</td></tr><tr><td>☐ Final Abandonment Notice</td><td>☐ Plugging Back</td><td>☐ Non-Routine Fracturing</td></tr><tr><td></td><td>☐ Casing Repair</td><td>☐ Water Shut-Off</td></tr><tr><td></td><td>☐ Altering Casing</td><td>☐ Conversion to Injection</td></tr><tr><td></td><td>☐ Other:</td><td>☐ Dispose Water</td></tr></tbody></table> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)			TYPE OF SUBMISSION	TYPE OF ACTION		☐ Notice of Intent	☐ Abandonment	☐ Change of Plans	☒ Subsequent Report	☐ Recompletion	☐ New Construction	☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing		☐ Casing Repair	☐ Water Shut-Off		☐ Altering Casing	☐ Conversion to Injection		☐ Other:	☐ Dispose Water
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	☐ Altering Casing	☐ Conversion to Injection																					
	☐ Other:	☐ Dispose Water																					
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.) 1-10-97 MIRU. POOH WITH 1-1/4" TBG. REPERF DAKOTA ZONE WITH 3-1/8" EHD 6029' - 6032', 6051' - 6056', 6104' - 6130', 6136' - 6142', AND 6156' - 6163'. RIH WITH 193 JTS 2-3/8" TBG WITH SN AND MULESHOE COLLAR ON BOTTOM AT 6108'. 1-15-97 RDMO.																							
14. I hereby certify that the foregoing is true and correct SIGNED <u>Debra Bemenderfer</u> DEBRA BEMENDERFER TITLE <u>AGENT FOR CONOCO INC.</u> DATE <u>2-6-97</u> (This space for Federal or State office use) APPROVED BY _____ TITLE _____ DATE _____ Conditions of approval, if any:																							
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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.																							

* See Instruction on Reverse Side

ACCEPTED FOR RECORD

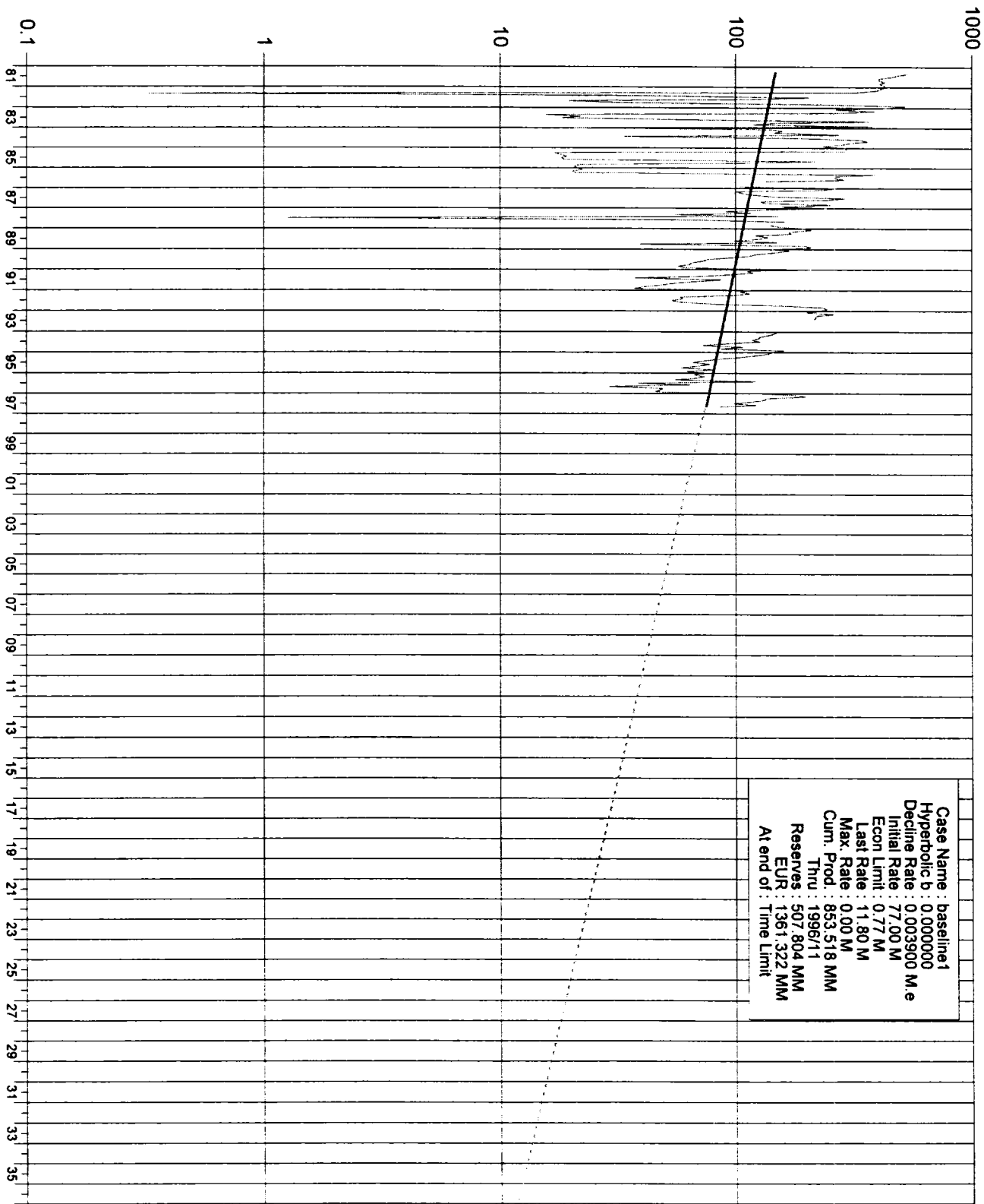
FEB 14 1997

FARMINGTON DISTRICT OFFICE

DEBRA BEMENDERFER

LUCERNE B 1E

DKOT



LUCERNE_B_1E

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
-----	-----	-----	-----	-----	-----		
Schedule: # 1							
1996/12	76.70	76.77	2.38	855.9	505.4	#	1
1997/ 1	76.40	76.55	2.37	858.3	503.1	#	1
1997/ 2	76.10	76.52	2.14	860.4	500.9	#	1
1997/ 3	75.81	75.69	2.35	862.8	498.6	#	1
1997/ 4	75.51	75.74	2.27	865.0	496.3	#	1
1997/ 5	75.22	75.28	2.33	867.4	494.0	#	1
1997/ 6	74.92	75.15	2.25	869.6	491.7	#	1
1997/ 7	74.63	74.70	2.32	871.9	489.4	#	1
1997/ 8	74.34	74.48	2.31	874.2	487.1	#	1
1997/ 9	74.05	74.27	2.23	876.5	484.8	#	1
1997/10	73.76	73.82	2.29	878.8	482.6	#	1
1997/11	73.47	73.70	2.21	881.0	480.3	#	1
1997/12	73.19	73.25	2.27	883.2	478.1	#	1
1998/ 1	72.90	73.04	2.26	885.5	475.8	#	1
1998/ 2	72.62	73.01	2.04	887.6	473.8	#	1
1998/ 3	72.33	72.22	2.24	889.8	471.5	#	1
1998/ 4	72.05	72.27	2.17	892.0	469.4	#	1
1998/ 5	71.77	71.83	2.23	894.2	467.1	#	1
1998/ 6	71.49	71.71	2.15	896.3	465.0	#	1
1998/ 7	71.21	71.27	2.21	898.5	462.8	#	1
1998/ 8	70.93	71.07	2.20	900.7	460.6	#	1
1998/ 9	70.66	70.87	2.13	902.9	458.4	#	1
1998/10	70.38	70.44	2.18	905.1	456.3	#	1
1998/11	70.11	70.32	2.11	907.2	454.2	#	1
1998/12	69.83	69.89	2.17	909.3	452.0	#	1
1999/ 1	69.56	69.70	2.16	911.5	449.8	#	1
1999/ 2	69.29	69.67	1.95	913.4	447.9	#	1
1999/ 3	69.02	68.92	2.14	915.6	445.7	#	1
1999/ 4	68.75	68.96	2.07	917.7	443.7	#	1
1999/ 5	68.48	68.54	2.12	919.8	441.5	#	1
1999/ 6	68.22	68.42	2.05	921.8	439.5	#	1
1999/ 7	67.95	68.01	2.11	923.9	437.4	#	1
1999/ 8	67.68	67.82	2.10	926.0	435.3	#	1
1999/ 9	67.42	67.63	2.03	928.1	433.3	#	1
1999/10	67.16	67.22	2.08	930.2	431.2	#	1
1999/11	66.90	67.10	2.01	932.2	429.2	#	1
1999/12	66.63	66.69	2.07	934.2	427.1	#	1
2000/ 1	66.37	66.50	2.06	936.3	425.0	#	1
2000/ 2	66.12	66.39	1.93	938.2	423.1	#	1
2000/ 3	65.86	65.84	2.04	940.3	421.1	#	1
2000/ 4	65.60	65.80	1.97	942.2	419.1	#	1
2000/ 5	65.35	65.40	2.03	944.3	417.1	#	1
2000/ 6	65.09	65.29	1.96	946.2	415.1	#	1
2000/ 7	64.84	64.89	2.01	948.2	413.1	#	1
2000/ 8	64.58	64.71	2.01	950.2	411.1	#	1

'End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
-----	-----	-----	-----	-----	-----		
2000/ 9	64.33	64.53	1.94	952.2	409.1	#	1
2000/10	64.08	64.14	1.99	954.2	407.2	#	1
2000/11	63.83	64.03	1.92	956.1	405.2	#	1
2000/12	63.58	63.64	1.97	958.1	403.3	#	1
2001/ 1	63.33	63.46	1.97	960.0	401.3	#	1
2001/ 2	63.09	63.43	1.78	961.8	399.5	#	1
2001/ 3	62.84	62.75	1.95	963.7	397.6	#	1
2001/ 4	62.60	62.79	1.88	965.6	395.7	#	1
2001/ 5	62.35	62.41	1.93	967.6	393.8	#	1
2001/ 6	62.11	62.30	1.87	969.4	391.9	#	1
2001/ 7	61.87	61.92	1.92	971.4	390.0	#	1
2001/ 8	61.63	61.75	1.91	973.3	388.1	#	1
2001/ 9	61.38	61.57	1.85	975.1	386.2	#	1
2001/10	61.15	61.20	1.90	977.0	384.3	#	1
2001/11	60.91	61.09	1.83	978.8	382.5	#	1
2001/12	60.67	60.72	1.88	980.7	380.6	#	1
2002/ 1	60.43	60.55	1.88	982.6	378.7	#	1
2002/ 2	60.20	60.52	1.69	984.3	377.0	#	1
2002/ 3	59.96	59.87	1.86	986.2	375.2	#	1
2002/ 4	59.73	59.91	1.80	988.0	373.4	#	1
2002/ 5	59.50	59.55	1.85	989.8	371.5	#	1
2002/ 6	59.26	59.44	1.78	991.6	369.7	#	1
2002/ 7	59.03	59.08	1.83	993.4	367.9	#	1
2002/ 8	58.80	58.92	1.83	995.2	366.1	#	1
2002/ 9	58.57	58.75	1.76	997.0	364.3	#	1
2002/10	58.34	58.40	1.81	998.8	362.5	#	1
2002/11	58.12	58.29	1.75	1000.6	360.8	#	1
2002/12	57.89	57.94	1.80	1002.4	359.0	#	1
2003/ 1	57.66	57.78	1.79	1004.1	357.2	#	1
2003/ 2	57.44	57.75	1.62	1005.8	355.6	#	1
2003/ 3	57.22	57.13	1.77	1007.5	353.8	#	1
2003/ 4	56.99	57.17	1.71	1009.2	352.1	#	1
2003/ 5	56.77	56.82	1.76	1011.0	350.3	#	1
2003/ 6	56.55	56.72	1.70	1012.7	348.6	#	1
2003/ 7	56.33	56.38	1.75	1014.5	346.9	#	1
2003/ 8	56.11	56.22	1.74	1016.2	345.1	#	1
2003/ 9	55.89	56.06	1.68	1017.9	343.4	#	1
2003/10	55.67	55.72	1.73	1019.6	341.7	#	1
2003/11	55.45	55.62	1.67	1021.3	340.0	#	1
2003/12	55.24	55.29	1.71	1023.0	338.3	#	1
2004/ 1	55.02	55.13	1.71	1024.7	336.6	#	1
2004/ 2	54.81	55.04	1.60	1026.3	335.0	#	1
2004/ 3	54.59	54.58	1.69	1028.0	333.3	#	1
2004/ 4	54.38	54.55	1.64	1029.6	331.7	#	1
2004/ 5	54.17	54.22	1.68	1031.3	330.0	#	1
2004/ 6	53.96	54.12	1.62	1032.9	328.4	#	1

LUCERNE_B_1E

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2004/ 7	53.75	53.80	1.67	1034.6	326.7	#	1
2004/ 8	53.54	53.64	1.66	1036.3	325.1	#	1
2004/ 9	53.33	53.49	1.60	1037.9	323.5	#	1
2004/10	53.12	53.17	1.65	1039.5	321.8	#	1
2004/11	52.91	53.07	1.59	1041.1	320.2	#	1
2004/12	52.71	52.75	1.64	1042.7	318.6	#	1
2005/ 1	52.50	52.61	1.63	1044.4	316.9	#	1
2005/ 2	52.30	52.58	1.47	1045.8	315.5	#	1
2005/ 3	52.09	52.02	1.61	1047.5	313.9	#	1
2005/ 4	51.89	52.05	1.56	1049.0	312.3	#	1
2005/ 5	51.69	51.73	1.60	1050.6	310.7	#	1
2005/ 6	51.49	51.64	1.55	1052.2	309.1	#	1
2005/ 7	51.29	51.33	1.59	1053.8	307.6	#	1
2005/ 8	51.09	51.19	1.59	1055.4	306.0	#	1
2005/ 9	50.89	51.04	1.53	1056.9	304.4	#	1
2005/10	50.69	50.73	1.57	1058.5	302.9	#	1
2005/11	50.49	50.64	1.52	1060.0	301.3	#	1
2005/12	50.29	50.34	1.56	1061.5	299.8	#	1
2006/ 1	50.10	50.20	1.56	1063.1	298.2	#	1
2006/ 2	49.90	50.17	1.40	1064.5	296.8	#	1
2006/ 3	49.71	49.63	1.54	1066.0	295.3	#	1
2006/ 4	49.51	49.66	1.49	1067.5	293.8	#	1
2006/ 5	49.32	49.36	1.53	1069.1	292.3	#	1
2006/ 6	49.13	49.28	1.48	1070.5	290.8	#	1
2006/ 7	48.94	48.98	1.52	1072.1	289.3	#	1
2006/ 8	48.75	48.84	1.51	1073.6	287.8	#	1
2006/ 9	48.56	48.70	1.46	1075.0	286.3	#	1
2006/10	48.37	48.41	1.50	1076.5	284.8	#	1
2006/11	48.18	48.32	1.45	1078.0	283.3	#	1
2006/12	47.99	48.03	1.49	1079.5	281.9	#	1
2007/ 1	47.80	47.90	1.48	1081.0	280.4	#	1
2007/ 2	47.62	47.87	1.34	1082.3	279.0	#	1
2007/ 3	47.43	47.36	1.47	1083.8	277.6	#	1
2007/ 4	47.25	47.39	1.42	1085.2	276.1	#	1
2007/ 5	47.06	47.10	1.46	1086.6	274.7	#	1
2007/ 6	46.88	47.02	1.41	1088.1	273.3	#	1
2007/ 7	46.69	46.74	1.45	1089.5	271.8	#	1
2007/ 8	46.51	46.60	1.44	1090.9	270.4	#	1
2007/ 9	46.33	46.47	1.39	1092.3	269.0	#	1
2007/10	46.15	46.19	1.43	1093.8	267.5	#	1
2007/11	45.97	46.11	1.38	1095.2	266.2	#	1
2007/12	45.79	45.83	1.42	1096.6	264.7	#	1
2008/ 1	45.61	45.70	1.42	1098.0	263.3	#	1
2008/ 2	45.43	45.62	1.32	1099.3	262.0	#	1
2008/ 3	45.26	45.25	1.40	1100.7	260.6	#	1
2008/ 4	45.08	45.22	1.36	1102.1	259.2	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2008/ 5	44.91	44.95	1.39	1103.5	257.9	#	1
2008/ 6	44.73	44.87	1.35	1104.8	256.5	#	1
2008/ 7	44.56	44.60	1.38	1106.2	255.1	#	1
2008/ 8	44.38	44.47	1.38	1107.6	253.7	#	1
2008/ 9	44.21	44.34	1.33	1108.9	252.4	#	1
2008/10	44.04	44.08	1.37	1110.3	251.0	#	1
2008/11	43.86	44.00	1.32	1111.6	249.7	#	1
2008/12	43.69	43.73	1.36	1112.9	248.4	#	1
2009/ 1	43.52	43.61	1.35	1114.3	247.0	#	1
2009/ 2	43.35	43.59	1.22	1115.5	245.8	#	1
2009/ 3	43.18	43.12	1.34	1116.9	244.5	#	1
2009/ 4	43.02	43.15	1.29	1118.2	243.2	#	1
2009/ 5	42.85	42.89	1.33	1119.5	241.8	#	1
2009/ 6	42.68	42.81	1.28	1120.8	240.6	#	1
2009/ 7	42.51	42.55	1.32	1122.1	239.2	#	1
2009/ 8	42.35	42.43	1.32	1123.4	237.9	#	1
2009/ 9	42.18	42.31	1.27	1124.7	236.7	#	1
2009/10	42.02	42.06	1.30	1126.0	235.3	#	1
2009/11	41.86	41.98	1.26	1127.2	234.1	#	1
2009/12	41.69	41.73	1.29	1128.5	232.8	#	1
2010/ 1	41.53	41.61	1.29	1129.8	231.5	#	1
2010/ 2	41.37	41.59	1.16	1131.0	230.3	#	1
2010/ 3	41.21	41.14	1.28	1132.3	229.1	#	1
2010/ 4	41.05	41.17	1.24	1133.5	227.8	#	1
2010/ 5	40.89	40.92	1.27	1134.8	226.6	#	1
2010/ 6	40.73	40.85	1.23	1136.0	225.3	#	1
2010/ 7	40.57	40.60	1.26	1137.2	224.1	#	1
2010/ 8	40.41	40.49	1.26	1138.5	222.8	#	1
2010/ 9	40.25	40.37	1.21	1139.7	221.6	#	1
2010/10	40.09	40.13	1.24	1141.0	220.4	#	1
2010/11	39.94	40.06	1.20	1142.2	219.2	#	1
2010/12	39.78	39.82	1.23	1143.4	217.9	#	1
2011/ 1	39.63	39.70	1.23	1144.6	216.7	#	1
2011/ 2	39.47	39.69	1.11	1145.7	215.6	#	1
2011/ 3	39.32	39.26	1.22	1146.9	214.4	#	1
2011/ 4	39.17	39.28	1.18	1148.1	213.2	#	1
2011/ 5	39.01	39.05	1.21	1149.3	212.0	#	1
2011/ 6	38.86	38.98	1.17	1150.5	210.8	#	1
2011/ 7	38.71	38.74	1.20	1151.7	209.6	#	1
2011/ 8	38.56	38.63	1.20	1152.9	208.4	#	1
2011/ 9	38.41	38.52	1.16	1154.1	207.3	#	1
2011/10	38.26	38.29	1.19	1155.2	206.1	#	1
2011/11	38.11	38.22	1.15	1156.4	204.9	#	1
2011/12	37.96	37.99	1.18	1157.6	203.7	#	1
2012/ 1	37.81	37.89	1.17	1158.7	202.6	#	1
2012/ 2	37.66	37.82	1.10	1159.8	201.5	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2012/ 3	37.52	37.51	1.16	1161.0	200.3	#	1
2012/ 4	37.37	37.48	1.12	1162.1	199.2	#	1
2012/ 5	37.23	37.26	1.16	1163.3	198.0	#	1
2012/ 6	37.08	37.19	1.12	1164.4	196.9	#	1
2012/ 7	36.94	36.97	1.15	1165.5	195.8	#	1
2012/ 8	36.79	36.86	1.14	1166.7	194.6	#	1
2012/ 9	36.65	36.76	1.10	1167.8	193.5	#	1
2012/10	36.51	36.54	1.13	1168.9	192.4	#	1
2012/11	36.36	36.47	1.09	1170.0	191.3	#	1
2012/12	36.22	36.25	1.12	1171.1	190.2	#	1
2013/ 1	36.08	36.15	1.12	1172.3	189.1	#	1
2013/ 2	35.94	36.13	1.01	1173.3	188.0	#	1
2013/ 3	35.80	35.74	1.11	1174.4	186.9	#	1
2013/ 4	35.66	35.77	1.07	1175.5	185.9	#	1
2013/ 5	35.52	35.55	1.10	1176.6	184.8	#	1
2013/ 6	35.38	35.49	1.06	1177.6	183.7	#	1
2013/ 7	35.24	35.27	1.09	1178.7	182.6	#	1
2013/ 8	35.11	35.17	1.09	1179.8	181.5	#	1
2013/ 9	34.97	35.08	1.05	1180.9	180.5	#	1
2013/10	34.83	34.86	1.08	1181.9	179.4	#	1
2013/11	34.70	34.80	1.04	1183.0	178.3	#	1
2013/12	34.56	34.59	1.07	1184.1	177.3	#	1
2014/ 1	34.43	34.49	1.07	1185.1	176.2	#	1
2014/ 2	34.29	34.48	0.97	1186.1	175.2	#	1
2014/ 3	34.16	34.11	1.06	1187.2	174.2	#	1
2014/ 4	34.03	34.13	1.02	1188.2	173.1	#	1
2014/ 5	33.89	33.92	1.05	1189.2	172.1	#	1
2014/ 6	33.76	33.86	1.02	1190.2	171.1	#	1
2014/ 7	33.63	33.66	1.04	1191.3	170.0	#	1
2014/ 8	33.50	33.56	1.04	1192.3	169.0	#	1
2014/ 9	33.37	33.47	1.00	1193.3	168.0	#	1
2014/10	33.24	33.27	1.03	1194.4	167.0	#	1
2014/11	33.11	33.21	1.00	1195.4	166.0	#	1
2014/12	32.98	33.01	1.02	1196.4	164.9	#	1
2015/ 1	32.85	32.91	1.02	1197.4	163.9	#	1
2015/ 2	32.72	32.90	0.92	1198.3	163.0	#	1
2015/ 3	32.59	32.55	1.01	1199.3	162.0	#	1
2015/ 4	32.47	32.57	0.98	1200.3	161.0	#	1
2015/ 5	32.34	32.37	1.00	1201.3	160.0	#	1
2015/ 6	32.21	32.31	0.97	1202.3	159.0	#	1
2015/ 7	32.09	32.12	1.00	1203.3	158.0	#	1
2015/ 8	31.96	32.03	0.99	1204.3	157.1	#	1
2015/ 9	31.84	31.94	0.96	1205.2	156.1	#	1
2015/10	31.71	31.74	0.98	1206.2	155.1	#	1
2015/11	31.59	31.69	0.95	1207.2	154.2	#	1
2015/12	31.47	31.50	0.98	1208.1	153.2	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2016/ 1	31.35	31.41	0.97	1209.1	152.2	#	1
2016/ 2	31.22	31.35	0.91	1210.0	151.3	#	1
2016/ 3	31.10	31.09	0.96	1211.0	150.3	#	1
2016/ 4	30.98	31.07	0.93	1211.9	149.4	#	1
2016/ 5	30.86	30.89	0.96	1212.9	148.4	#	1
2016/ 6	30.74	30.83	0.92	1213.8	147.5	#	1
2016/ 7	30.62	30.65	0.95	1214.7	146.6	#	1
2016/ 8	30.50	30.56	0.95	1215.7	145.6	#	1
2016/ 9	30.38	30.47	0.91	1216.6	144.7	#	1
2016/10	30.26	30.29	0.94	1217.5	143.8	#	1
2016/11	30.14	30.23	0.91	1218.5	142.9	#	1
2016/12	30.03	30.05	0.93	1219.4	141.9	#	1
2017/ 1	29.91	29.97	0.93	1220.3	141.0	#	1
2017/ 2	29.79	29.95	0.84	1221.2	140.2	#	1
2017/ 3	29.68	29.63	0.92	1222.1	139.2	#	1
2017/ 4	29.56	29.65	0.89	1223.0	138.4	#	1
2017/ 5	29.45	29.47	0.91	1223.9	137.4	#	1
2017/ 6	29.33	29.42	0.88	1224.8	136.6	#	1
2017/ 7	29.22	29.24	0.91	1225.7	135.7	#	1
2017/ 8	29.10	29.16	0.90	1226.6	134.8	#	1
2017/ 9	28.99	29.08	0.87	1227.4	133.9	#	1
2017/10	28.88	28.90	0.90	1228.3	133.0	#	1
2017/11	28.76	28.85	0.87	1229.2	132.1	#	1
2017/12	28.65	28.68	0.89	1230.1	131.2	#	1
2018/ 1	28.54	28.59	0.89	1231.0	130.3	#	1
2018/ 2	28.43	28.58	0.80	1231.8	129.5	#	1
2018/ 3	28.32	28.27	0.88	1232.7	128.7	#	1
2018/ 4	28.21	28.29	0.85	1233.5	127.8	#	1
2018/ 5	28.10	28.12	0.87	1234.4	126.9	#	1
2018/ 6	27.99	28.07	0.84	1235.2	126.1	#	1
2018/ 7	27.88	27.90	0.86	1236.1	125.2	#	1
2018/ 8	27.77	27.82	0.86	1236.9	124.4	#	1
2018/ 9	27.66	27.74	0.83	1237.8	123.5	#	1
2018/10	27.55	27.58	0.85	1238.6	122.7	#	1
2018/11	27.45	27.53	0.83	1239.5	121.9	#	1
2018/12	27.34	27.36	0.85	1240.3	121.0	#	1
2019/ 1	27.23	27.28	0.85	1241.2	120.2	#	1
2019/ 2	27.13	27.27	0.76	1241.9	119.4	#	1
2019/ 3	27.02	26.98	0.84	1242.8	118.6	#	1
2019/ 4	26.91	27.00	0.81	1243.6	117.8	#	1
2019/ 5	26.81	26.83	0.83	1244.4	116.9	#	1
2019/ 6	26.70	26.79	0.80	1245.2	116.1	#	1
2019/ 7	26.60	26.62	0.83	1246.0	115.3	#	1
2019/ 8	26.50	26.55	0.82	1246.8	114.5	#	1
2019/ 9	26.39	26.47	0.79	1247.6	113.7	#	1
2019/10	26.29	26.31	0.82	1248.5	112.9	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2019/11	26.19	26.27	0.79	1249.2	112.1	#	1
2019/12	26.09	26.11	0.81	1250.1	111.3	#	1
2020/ 1	25.98	26.04	0.81	1250.9	110.5	#	1
2020/ 2	25.88	25.99	0.75	1251.6	109.7	#	1
2020/ 3	25.78	25.77	0.80	1252.4	108.9	#	1
2020/ 4	25.68	25.76	0.77	1253.2	108.1	#	1
2020/ 5	25.58	25.60	0.79	1254.0	107.3	#	1
2020/ 6	25.48	25.56	0.77	1254.7	106.6	#	1
2020/ 7	25.38	25.40	0.79	1255.5	105.8	#	1
2020/ 8	25.28	25.33	0.79	1256.3	105.0	#	1
2020/ 9	25.18	25.26	0.76	1257.1	104.2	#	1
2020/10	25.09	25.11	0.78	1257.9	103.5	#	1
2020/11	24.99	25.06	0.75	1258.6	102.7	#	1
2020/12	24.89	24.91	0.77	1259.4	101.9	#	1
2021/ 1	24.79	24.84	0.77	1260.2	101.2	#	1
2021/ 2	24.70	24.83	0.70	1260.8	100.5	#	1
2021/ 3	24.60	24.56	0.76	1261.6	99.7	#	1
2021/ 4	24.50	24.58	0.74	1262.3	99.0	#	1
2021/ 5	24.41	24.43	0.76	1263.1	98.2	#	1
2021/ 6	24.31	24.39	0.73	1263.8	97.5	#	1
2021/ 7	24.22	24.24	0.75	1264.6	96.7	#	1
2021/ 8	24.12	24.17	0.75	1265.3	96.0	#	1
2021/ 9	24.03	24.10	0.72	1266.1	95.3	#	1
2021/10	23.94	23.96	0.74	1266.8	94.5	#	1
2021/11	23.84	23.92	0.72	1267.5	93.8	#	1
2021/12	23.75	23.77	0.74	1268.3	93.1	#	1
2022/ 1	23.66	23.70	0.73	1269.0	92.3	#	1
2022/ 2	23.57	23.69	0.66	1269.7	91.7	#	1
2022/ 3	23.47	23.44	0.73	1270.4	90.9	#	1
2022/ 4	23.38	23.45	0.70	1271.1	90.2	#	1
2022/ 5	23.29	23.31	0.72	1271.8	89.5	#	1
2022/ 6	23.20	23.27	0.70	1272.5	88.8	#	1
2022/ 7	23.11	23.13	0.72	1273.2	88.1	#	1
2022/ 8	23.02	23.06	0.72	1273.9	87.4	#	1
2022/ 9	22.93	23.00	0.69	1274.6	86.7	#	1
2022/10	22.84	22.86	0.71	1275.3	86.0	#	1
2022/11	22.75	22.82	0.68	1276.0	85.3	#	1
2022/12	22.66	22.68	0.70	1276.7	84.6	#	1
2023/ 1	22.57	22.62	0.70	1277.4	83.9	#	1
2023/ 2	22.49	22.61	0.63	1278.1	83.3	#	1
2023/ 3	22.40	22.36	0.69	1278.8	82.6	#	1
2023/ 4	22.31	22.38	0.67	1279.4	81.9	#	1
2023/ 5	22.22	22.24	0.69	1280.1	81.2	#	1
2023/ 6	22.14	22.20	0.67	1280.8	80.5	#	1
2023/ 7	22.05	22.07	0.68	1281.5	79.9	#	1
2023/ 8	21.97	22.01	0.68	1282.1	79.2	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2023/ 9	21.88	21.95	0.66	1282.8	78.5	#	1
2023/10	21.79	21.81	0.68	1283.5	77.8	#	1
2023/11	21.71	21.77	0.65	1284.1	77.2	#	1
2023/12	21.62	21.64	0.67	1284.8	76.5	#	1
2024/ 1	21.54	21.58	0.67	1285.5	75.8	#	1
2024/ 2	21.46	21.55	0.62	1286.1	75.2	#	1
2024/ 3	21.37	21.37	0.66	1286.8	74.6	#	1
2024/ 4	21.29	21.35	0.64	1287.4	73.9	#	1
2024/ 5	21.21	21.23	0.66	1288.1	73.3	#	1
2024/ 6	21.12	21.19	0.64	1288.7	72.6	#	1
2024/ 7	21.04	21.06	0.65	1289.3	72.0	#	1
2024/ 8	20.96	21.00	0.65	1290.0	71.3	#	1
2024/ 9	20.88	20.94	0.63	1290.6	70.7	#	1
2024/10	20.80	20.81	0.65	1291.3	70.1	#	1
2024/11	20.71	20.78	0.62	1291.9	69.4	#	1
2024/12	20.63	20.65	0.64	1292.5	68.8	#	1
2025/ 1	20.55	20.59	0.64	1293.2	68.1	#	1
2025/ 2	20.47	20.58	0.58	1293.7	67.6	#	1
2025/ 3	20.39	20.36	0.63	1294.4	66.9	#	1
2025/ 4	20.31	20.37	0.61	1295.0	66.3	#	1
2025/ 5	20.23	20.25	0.63	1295.6	65.7	#	1
2025/ 6	20.16	20.22	0.61	1296.2	65.1	#	1
2025/ 7	20.08	20.10	0.62	1296.8	64.5	#	1
2025/ 8	20.00	20.04	0.62	1297.5	63.9	#	1
2025/ 9	19.92	19.98	0.60	1298.1	63.3	#	1
2025/10	19.84	19.86	0.62	1298.7	62.6	#	1
2025/11	19.77	19.83	0.59	1299.3	62.0	#	1
2025/12	19.69	19.71	0.61	1299.9	61.4	#	1
2026/ 1	19.61	19.65	0.61	1300.5	60.8	#	1
2026/ 2	19.54	19.64	0.55	1301.0	60.3	#	1
2026/ 3	19.46	19.43	0.60	1301.7	59.7	#	1
2026/ 4	19.38	19.44	0.58	1302.2	59.1	#	1
2026/ 5	19.31	19.33	0.60	1302.8	58.5	#	1
2026/ 6	19.23	19.29	0.58	1303.4	57.9	#	1
2026/ 7	19.16	19.18	0.59	1304.0	57.3	#	1
2026/ 8	19.08	19.12	0.59	1304.6	56.7	#	1
2026/ 9	19.01	19.07	0.57	1305.2	56.1	#	1
2026/10	18.93	18.95	0.59	1305.8	55.6	#	1
2026/11	18.86	18.92	0.57	1306.3	55.0	#	1
2026/12	18.79	18.80	0.58	1306.9	54.4	#	1
2027/ 1	18.71	18.75	0.58	1307.5	53.8	#	1
2027/ 2	18.64	18.74	0.52	1308.0	53.3	#	1
2027/ 3	18.57	18.54	0.57	1308.6	52.7	#	1
2027/ 4	18.50	18.55	0.56	1309.1	52.2	#	1
2027/ 5	18.42	18.44	0.57	1309.7	51.6	#	1
2027/ 6	18.35	18.41	0.55	1310.3	51.1	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2027/ 7	18.28	18.30	0.57	1310.8	50.5	#	1
2027/ 8	18.21	18.24	0.57	1311.4	49.9	#	1
2027/ 9	18.14	18.19	0.55	1312.0	49.4	#	1
2027/10	18.07	18.08	0.56	1312.5	48.8	#	1
2027/11	18.00	18.05	0.54	1313.1	48.3	#	1
2027/12	17.93	17.94	0.56	1313.6	47.7	#	1
2028/ 1	17.86	17.89	0.55	1314.2	47.2	#	1
2028/ 2	17.79	17.86	0.52	1314.7	46.6	#	1
2028/ 3	17.72	17.71	0.55	1315.2	46.1	#	1
2028/ 4	17.65	17.70	0.53	1315.8	45.6	#	1
2028/ 5	17.58	17.60	0.55	1316.3	45.0	#	1
2028/ 6	17.51	17.56	0.53	1316.8	44.5	#	1
2028/ 7	17.44	17.46	0.54	1317.4	43.9	#	1
2028/ 8	17.37	17.41	0.54	1317.9	43.4	#	1
2028/ 9	17.31	17.36	0.52	1318.4	42.9	#	1
2028/10	17.24	17.26	0.53	1319.0	42.4	#	1
2028/11	17.17	17.22	0.52	1319.5	41.8	#	1
2028/12	17.11	17.12	0.53	1320.0	41.3	#	1
2029/ 1	17.04	17.07	0.53	1320.5	40.8	#	1
2029/ 2	16.97	17.06	0.48	1321.0	40.3	#	1
2029/ 3	16.91	16.88	0.52	1321.5	39.8	#	1
2029/ 4	16.84	16.89	0.51	1322.1	39.3	#	1
2029/ 5	16.77	16.79	0.52	1322.6	38.7	#	1
2029/ 6	16.71	16.76	0.50	1323.1	38.2	#	1
2029/ 7	16.64	16.66	0.52	1323.6	37.7	#	1
2029/ 8	16.58	16.61	0.51	1324.1	37.2	#	1
2029/ 9	16.51	16.56	0.50	1324.6	36.7	#	1
2029/10	16.45	16.46	0.51	1325.1	36.2	#	1
2029/11	16.39	16.43	0.49	1325.6	35.7	#	1
2029/12	16.32	16.34	0.51	1326.1	35.2	#	1
2030/ 1	16.26	16.29	0.50	1326.6	34.7	#	1
2030/ 2	16.19	16.28	0.46	1327.1	34.2	#	1
2030/ 3	16.13	16.11	0.50	1327.6	33.7	#	1
2030/ 4	16.07	16.12	0.48	1328.1	33.3	#	1
2030/ 5	16.01	16.02	0.50	1328.6	32.8	#	1
2030/ 6	15.94	15.99	0.48	1329.0	32.3	#	1
2030/ 7	15.88	15.90	0.49	1329.5	31.8	#	1
2030/ 8	15.82	15.85	0.49	1330.0	31.3	#	1
2030/ 9	15.76	15.80	0.47	1330.5	30.8	#	1
2030/10	15.70	15.71	0.49	1331.0	30.3	#	1
2030/11	15.63	15.68	0.47	1331.5	29.9	#	1
2030/12	15.57	15.59	0.48	1331.9	29.4	#	1
2031/ 1	15.51	15.54	0.48	1332.4	28.9	#	1
2031/ 2	15.45	15.54	0.43	1332.9	28.5	#	1
2031/ 3	15.39	15.37	0.48	1333.3	28.0	#	1
2031/ 4	15.33	15.38	0.46	1333.8	27.5	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2031/ 5	15.27	15.29	0.47	1334.3	27.1	#	1
2031/ 6	15.21	15.26	0.46	1334.7	26.6	#	1
2031/ 7	15.15	15.17	0.47	1335.2	26.1	#	1
2031/ 8	15.09	15.12	0.47	1335.7	25.7	#	1
2031/ 9	15.04	15.08	0.45	1336.1	25.2	#	1
2031/10	14.98	14.99	0.46	1336.6	24.7	#	1
2031/11	14.92	14.96	0.45	1337.0	24.3	#	1
2031/12	14.86	14.87	0.46	1337.5	23.8	#	1
2032/ 1	14.80	14.83	0.46	1337.9	23.4	#	1
2032/ 2	14.74	14.81	0.43	1338.4	22.9	#	1
2032/ 3	14.69	14.68	0.46	1338.8	22.5	#	1
2032/ 4	14.63	14.67	0.44	1339.3	22.0	#	1
2032/ 5	14.57	14.59	0.45	1339.7	21.6	#	1
2032/ 6	14.52	14.56	0.44	1340.2	21.2	#	1
2032/ 7	14.46	14.47	0.45	1340.6	20.7	#	1
2032/ 8	14.40	14.43	0.45	1341.1	20.3	#	1
2032/ 9	14.35	14.39	0.43	1341.5	19.8	#	1
2032/10	14.29	14.30	0.44	1341.9	19.4	#	1
2032/11	14.24	14.28	0.43	1342.4	19.0	#	1
2032/12	14.18	14.19	0.44	1342.8	18.5	#	1
2033/ 1	14.12	14.15	0.44	1343.2	18.1	#	1
2033/ 2	14.07	14.14	0.40	1343.6	17.7	#	1
2033/ 3	14.01	13.99	0.43	1344.1	17.3	#	1
2033/ 4	13.96	14.00	0.42	1344.5	16.8	#	1
2033/ 5	13.91	13.92	0.43	1344.9	16.4	#	1
2033/ 6	13.85	13.89	0.42	1345.3	16.0	#	1
2033/ 7	13.80	13.81	0.43	1345.8	15.6	#	1
2033/ 8	13.74	13.77	0.43	1346.2	15.1	#	1
2033/ 9	13.69	13.73	0.41	1346.6	14.7	#	1
2033/10	13.64	13.65	0.42	1347.0	14.3	#	1
2033/11	13.58	13.62	0.41	1347.4	13.9	#	1
2033/12	13.53	13.54	0.42	1347.9	13.5	#	1
2034/ 1	13.48	13.50	0.42	1348.3	13.0	#	1
2034/ 2	13.42	13.50	0.38	1348.7	12.7	#	1
2034/ 3	13.37	13.35	0.41	1349.1	12.3	#	1
2034/ 4	13.32	13.36	0.40	1349.5	11.9	#	1
2034/ 5	13.27	13.28	0.41	1349.9	11.4	#	1
2034/ 6	13.22	13.26	0.40	1350.3	11.0	#	1
2034/ 7	13.17	13.18	0.41	1350.7	10.6	#	1
2034/ 8	13.11	13.14	0.41	1351.1	10.2	#	1
2034/ 9	13.06	13.10	0.39	1351.5	9.8	#	1
2034/10	13.01	13.02	0.40	1351.9	9.4	#	1
2034/11	12.96	13.00	0.39	1352.3	9.0	#	1
2034/12	12.91	12.92	0.40	1352.7	8.6	#	1
2035/ 1	12.86	12.89	0.40	1353.1	8.2	#	1
2035/ 2	12.81	12.88	0.36	1353.4	7.9	#	1

LUCERNE_B_1E

· End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
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2035/ 3	12.76	12.74	0.39	1353.8	7.5	#	1
2035/ 4	12.71	12.75	0.38	1354.2	7.1	#	1
2035/ 5	12.66	12.67	0.39	1354.6	6.7	#	1
2035/ 6	12.61	12.65	0.38	1355.0	6.3	#	1
2035/ 7	12.56	12.57	0.39	1355.4	5.9	#	1
2035/ 8	12.51	12.54	0.39	1355.8	5.6	#	1
2035/ 9	12.46	12.50	0.38	1356.1	5.2	#	1
2035/10	12.42	12.43	0.39	1356.5	4.8	#	1
2035/11	12.37	12.40	0.37	1356.9	4.4	#	1
2035/12	12.32	12.33	0.38	1357.3	4.0	#	1
2036/ 1	12.27	12.29	0.38	1357.7	3.7	#	1
2036/ 2	12.22	12.27	0.36	1358.0	3.3	#	1
2036/ 3	12.18	12.17	0.38	1358.4	2.9	#	1
2036/ 4	12.13	12.16	0.36	1358.8	2.6	#	1
2036/ 5	12.08	12.09	0.37	1359.1	2.2	#	1
2036/ 6	12.03	12.07	0.36	1359.5	1.8	#	1
2036/ 7	11.99	12.00	0.37	1359.9	1.5	#	1
2036/ 8	11.94	11.96	0.37	1360.2	1.1	#	1
2036/ 9	11.89	11.93	0.36	1360.6	0.7	#	1
2036/10	11.85	11.86	0.37	1361.0	0.4	#	1
2036/11	11.80	11.84	0.36	1361.3	-0.0	#	1