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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-14C
Originated 11/79

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: SAN JUAN 28-7 Well 99 API #: 30-039-21729
Location of Well: Unit Letter N, 795 Feet from the SOUTH line and 1635 feet from the WEST line.
Section 29, Township 27N, Range 07W, NMPM, RIO ARRIBA County
- III. Date Workover Procedures Commenced: 6-20-97
Date Workover Procedures were Completed: 7-10-97
- IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
Please See Attached
- 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 Blanco
- VI. Pool(s) on which Production Projection is based: MESA VERDE

VII. AFFIDAVIT:

State of Texas)
County of Midland) ss.

Tammy Kitchens, 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.

Tammy Kitchens
(Name)

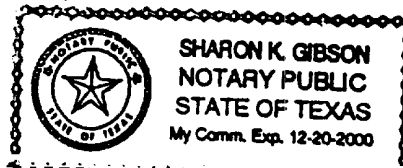
Staff Gas Assistant
(Title)

RECEIVED
JUL 2 1998
OIL CON. DIV.
DIST. 3

SUBSCRIBED AND SWORN TO before me this 1st day of July 1998

Notary Public

My Commission expires: 12-20-2000



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 7/10, 1998

District Supervisor, District 3
Oil Conservation Division

Date: 7/6/98

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

DATE: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

COPY
RECEIVED
BLM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

b. TYPE OF COMPLETION:

NEW

WORK

DEEP-

DIFF.

WELL ☐

OVER ☒

EN ☐

RESVR. ☐

OTHER

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS OF OPERATOR

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) *

At surface 795' FSL - 1635' FWL UNIT LETTER 'N'

At top prod. Interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO
NM 03560

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

MAN JUAN 28-7 UNIT

8. FARM OR LEASE NAME, WELL NO

#99

9. API WELL NO.

30-039-21729

10. FIELD AND POOL, OR WILDCAT

BLANCO MESA VERDE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 29, T27N, R07W

12. COUNTY OR PARISH

13. STATE

15. DATE SPUDDED

8-19-78

16. DATE T.D. REACHED

9-7-78

17. DATE COMPL. (Ready to prod.)

7-10-97

18. ELEV. (DF, RKB, RT, GR, ETC) *

6672' G.L.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7498'

21. PLUG, BACK T.D. MD. & TVD

22. IF MULTIPLE COMPL. HOW MANY *

23. INTERVALS DRILLED BY

ROTARY

CABLE

TOOLS ☒

TOOLS ☐

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *

4914'-5391' Mesa Verde

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	239'	13-3/4"	224 cu. ft.	
4-1/2"	10.5# & 11.6#	7498'	8-3/4" & 7-7/8"	1312 cu. ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKET SET (MD)
					2-3/8"	4833'/Test	
					2-3/8"	7337'/Final	

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED STIMULATION SUMMARY

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump)				WELL STATUS (Producing or shut-in)	
7-10-97		FLOWING				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
7-8-97	24	1/2"		1	363	15	
FLOW, TUBING PRESS	CASING PRESSURE	CALCULATED 24 - HR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR)	
55#	290#		1	363	15		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

STIMULATION SUMMARY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Debra Bemenderfer

TITLE DEBRA BEMENDERFER,

FARMINGTON DISTRICT OFFICE

DATE 7-17-97

* (See Instructions and Spaces for Additional Data on Reverse Side)

OPERATOR

ACCEPTED FOR RECORD
LAWSON, LAR OILFIELD

AUG 04 1997

CONOCO INC.
SAN JUAN 28-7 UNIT #99
API # 30-039-21729
SEC.29-T27N-R7W, Rio Arriba County, New Mexico
Mesa Verde Stimulation Summary

6/20/97 MIRU. KILL WELL WITH 1% KCl. NDWH AND NUBOP. POOH WITH 60 JTS. 2-3/8" TBG.

CONTINUE TO PULL TBG. RIG UP WIRELINE, SET CIBP @ 5600'. TEST CSG TO 500 PSI - OK. PERF POINT LOOKOUT/ MENEFEER WITH .32" HOLES. PERF WITH 3-1/8" HSC GUN. PERF @ 4914-16-72-74-5023-25-35-37-5250-52-54-64-66-68-70-82-84-5312-42-47-53-60-89-91. TOTAL 24 SHOTS.

RIH WITH 2-7/8" TBG AND PKR. SET PKR @ 4808'. TESTED BACKSIDE TO 500 PSI - OK.

PRESSURE CSG/TBG ANNULAS TO 500 PSI. ACIDIZED WITH 500 GALLONS 15% HCl WITH 38 BALL SEALERS, @ 8.5 BPM @ 2400 PSI. GOOD BALL ACTION. RELEASE PKR AND KNOCK BALL OF PERFS. RESET PKR AND FRAC WITH 65,020# OF 20/40 AZ SAND AND 6500# OF SDC (RESIN COATED) SAND @ 3750 PSI AVG PRESSURE., @ 19.5 BPM AV. RATE. MAX PRESSURE 3930 PSI. TOTAL FLUID 1257 BBLS OF 15# CROSSLINK GEL. ISIP 1100 PSI. RELEASE PKR AND POOH WITH 2-7/8" TBG AND PKR.

RIH WITH 2-3/8" TBG AND BAKER METAL MUNCHER MILL. STARTED COMPRESSORS AND UNLOADED WILL @ 4833'. CONTINUE IN HOLE AND TAGGED SAND @ 5575'. CLEANED FILL TO CIBP @ 5600'. MADE SOAP SWEEPS AND LET WELL CLEANUP. PULLED UP TO 4833'. SHUT COMPRESSORS DOWN WELL WILL LOG OFF.

TBG 600 PSI AND CSG 1000 PSI. RIH AND TAGGED SAND @ 5428'. STARTED COMPRESSORS AND CLEANED SAND TO 5459'. WELL UNLOADING HEAVY SAND AND FLUID. PULL UP TO 4833' AND SHUT DOWN COMPRESSORS. WELL WILL NOT FLOW WITHOUT COMPRESSORS.

CSG.- 850 PSI. AND TBF 620 PSI. RIH TAGGED SAND @ 5366' STARTED COMPRESSORS AND CLEANED SAND TO 5397'. CIRCULATED AND MADE SOAP SWEEPS. PULLED BACK UP TO 4833'.

TBG. 900 PSI AND CSG. 900 PSI. RIH TAGGED SAND @ 5382' FOR 15' OF FILL. STARTED COMPRESSORS AND CLEANED SAND TO 5497'. MADE SOAP SWEEPS AND CIRCULATED CLEAN. PULLED BACK UP TO 4833'.

TBG- 550 PSI AND CSG- 550 PSI. WITH TBG @ 4833', STARTED COMPRESSORS AND PUMPED DOWN CSG. WELL UNLOADED AND STARTED FLOWING. WELL IS FLOWING UP TBG GOING THRU 1/2" CHOKE NIPPLE. WILL DRYWATCH AND GET TEST ON MV. FORMATION.

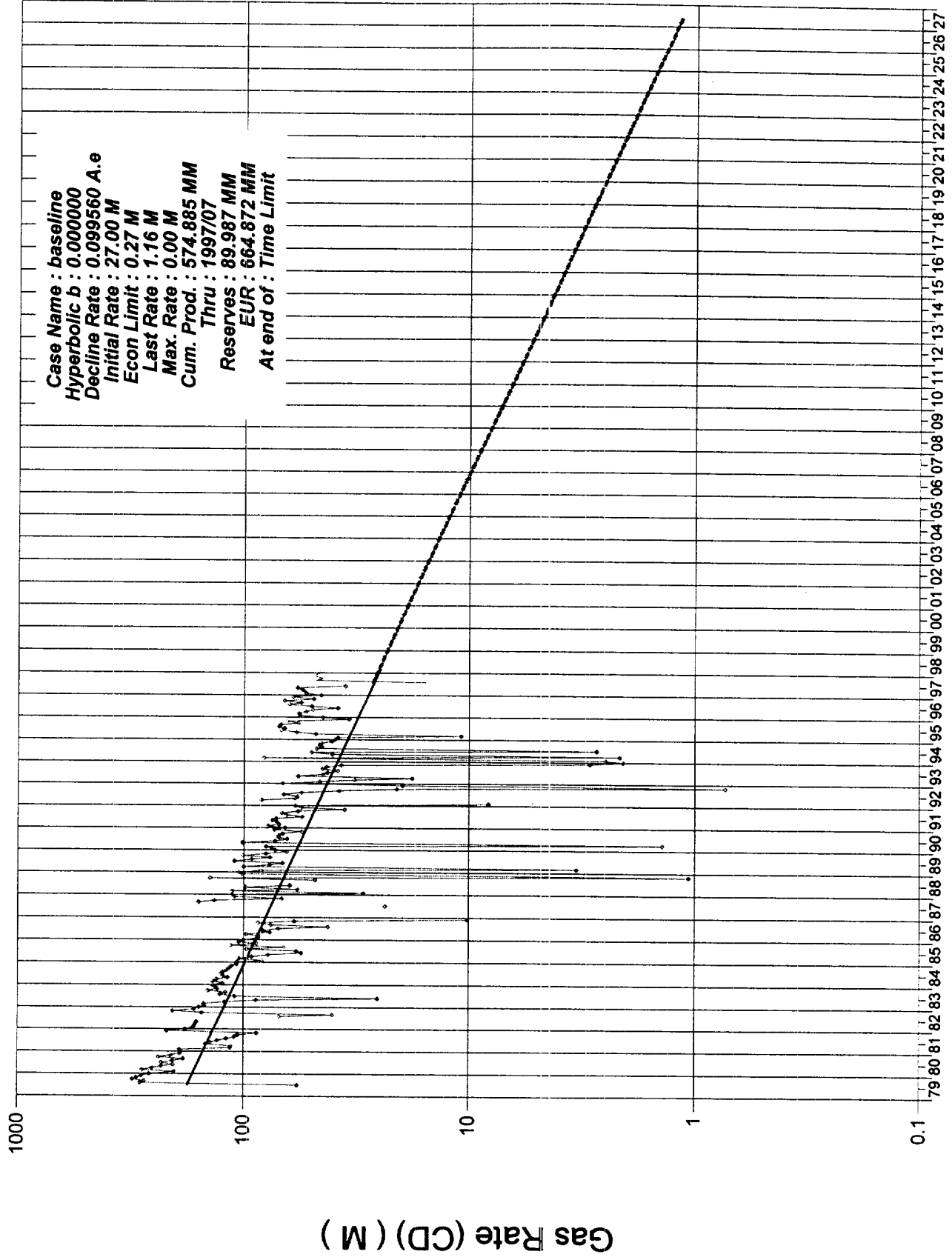
DRYWATCHED THRU THE NIGHT. TBG @ 4833' AND FLOWING THRU 1/2" CHOKE NIPPLE. TBG- 55 PSI. AND CSG- 290 PSI. MV FORMATION MAKING 363 MCFPD, 1 OIL AND 15 WATER. WELL CLEANED UP NO FLUID AND NO SAND. SHUT WELL IN @ 5:00 PM, 07/04/97. TEST WITNESSED BY MIKE STONE WITH L&R OILFIELD CONSTRUCTION.

980# TBG & CSG, TIH W/20 JTS TBG TAG @5459', CO TO CIBP @ 5600', START DO CIBP, DID NOT GET PLUG MILLED OUT, PU TBG 24 JTS.

TIH W/TBG TO 5601' TAG CIBP MILL OUT PLUG CONT IN HOLE TO 7458', COULD NOT GET TO BOTTOM DK PERF @ 7484', TOO H W/ MILL TO INSPECT MILL.

7/10/97 800# CSG, TIH W/ NEW MILL CO FROM 7455' TO 7466', CIRC HOLE CLEAN, TOO H W/ MILL, TIH W/ 2-3/8" SN & 238 JTS J-55 TBG LAND @ 7337', NDBOP, NUWH, RDMO.

SAN JUAN 28-7 99



27N07W29N00DK

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf
Schedule: # 1					
1997/ 8	26.77	26.88	0.83	575.7	89.2
1997/ 9	26.53	26.68	0.80	576.5	88.4
1997/10	26.30	26.39	0.82	577.3	87.5
1997/11	26.07	26.21	0.79	578.1	86.7
1997/12	25.85	25.93	0.80	578.9	85.9
1998/ 1	25.62	25.73	0.80	579.7	85.1
1998/ 2	25.40	25.60	0.72	580.4	84.4
1998/ 3	25.18	25.20	0.78	581.2	83.6
1998/ 4	24.96	25.09	0.75	582.0	82.9
1998/ 5	24.74	24.82	0.77	582.7	82.1
1998/ 6	24.53	24.66	0.74	583.5	81.4
1998/ 7	24.31	24.39	0.76	584.2	80.6
1998/ 8	24.10	24.21	0.75	585.0	79.9
1998/ 9	23.89	24.02	0.72	585.7	79.2
1998/10	23.68	23.76	0.74	586.4	78.4
1998/11	23.48	23.60	0.71	587.2	77.7
1998/12	23.27	23.35	0.72	587.9	77.0
1999/ 1	23.07	23.17	0.72	588.6	76.3
1999/ 2	22.87	23.05	0.65	589.2	75.6
1999/ 3	22.67	22.69	0.70	589.9	74.9
1999/ 4	22.47	22.60	0.68	590.6	74.2
1999/ 5	22.28	22.35	0.69	591.3	73.6
1999/ 6	22.08	22.20	0.67	592.0	72.9
1999/ 7	21.89	21.96	0.68	592.7	72.2
1999/ 8	21.70	21.80	0.68	593.3	71.5
1999/ 9	21.51	21.63	0.65	594.0	70.9
1999/10	21.32	21.40	0.66	594.7	70.2
1999/11	21.14	21.25	0.64	595.3	69.6
1999/12	20.96	21.02	0.65	595.9	68.9
2000/ 1	20.77	20.86	0.65	596.6	68.3
2000/ 2	20.59	20.73	0.60	597.2	67.7
2000/ 3	20.41	20.46	0.63	597.8	67.0
2000/ 4	20.24	20.35	0.61	598.4	66.4
2000/ 5	20.06	20.13	0.62	599.1	65.8
2000/ 6	19.88	19.99	0.60	599.7	65.2
2000/ 7	19.71	19.78	0.61	600.3	64.6
2000/ 8	19.54	19.63	0.61	600.9	64.0

27N07W29N00DK

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf
2000/ 9	19.37	19.48	0.58	601.5	63.4
2000/10	19.20	19.26	0.60	602.1	62.8
2000/11	19.03	19.14	0.57	602.6	62.2
2000/12	18.87	18.93	0.59	603.2	61.6
2001/ 1	18.70	18.79	0.58	603.8	61.1
2001/ 2	18.54	18.69	0.52	604.3	60.5
2001/ 3	18.38	18.40	0.57	604.9	60.0
2001/ 4	18.22	18.32	0.55	605.4	59.4
2001/ 5	18.06	18.12	0.56	606.0	58.9
2001/ 6	17.90	18.00	0.54	606.6	58.3
2001/ 7	17.75	17.81	0.55	607.1	57.8
2001/ 8	17.59	17.67	0.55	607.6	57.2
2001/ 9	17.44	17.54	0.53	608.2	56.7
2001/10	17.29	17.35	0.54	608.7	56.2
2001/11	17.14	17.23	0.52	609.2	55.6
2001/12	16.99	17.05	0.53	609.8	55.1
2002/ 1	16.84	16.92	0.52	610.3	54.6
2002/ 2	16.70	16.83	0.47	610.8	54.1
2002/ 3	16.55	16.57	0.51	611.3	53.6
2002/ 4	16.41	16.50	0.49	611.8	53.1
2002/ 5	16.26	16.32	0.51	612.3	52.6
2002/ 6	16.12	16.21	0.49	612.8	52.1
2002/ 7	15.98	16.04	0.50	613.3	51.6
2002/ 8	15.84	15.91	0.49	613.7	51.1
2002/ 9	15.71	15.79	0.47	614.2	50.7
2002/10	15.57	15.62	0.48	614.7	50.2
2002/11	15.43	15.52	0.47	615.2	49.7
2002/12	15.30	15.35	0.48	615.6	49.2
2003/ 1	15.17	15.23	0.47	616.1	48.8
2003/ 2	15.03	15.15	0.42	616.5	48.3
2003/ 3	14.90	14.92	0.46	617.0	47.9
2003/ 4	14.77	14.85	0.45	617.4	47.4
2003/ 5	14.64	14.69	0.46	617.9	47.0
2003/ 6	14.52	14.60	0.44	618.3	46.5
2003/ 7	14.39	14.44	0.45	618.8	46.1
2003/ 8	14.27	14.33	0.44	619.2	45.6
2003/ 9	14.14	14.22	0.43	619.7	45.2
2003/10	14.02	14.06	0.44	620.1	44.8

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf
2003/11	13.90	13.97	0.42	620.5	44.4
2003/12	13.78	13.82	0.43	620.9	43.9
2004/ 1	13.66	13.72	0.43	621.4	43.5
2004/ 2	13.54	13.63	0.40	621.8	43.1
2004/ 3	13.42	13.45	0.42	622.2	42.7
2004/ 4	13.30	13.37	0.40	622.6	42.3
2004/ 5	13.19	13.23	0.41	623.0	41.9
2004/ 6	13.07	13.14	0.39	623.4	41.5
2004/ 7	12.96	13.00	0.40	623.8	41.1
2004/ 8	12.85	12.90	0.40	624.2	40.7
2004/ 9	12.73	12.80	0.38	624.6	40.3
2004/10	12.62	12.66	0.39	625.0	39.9
2004/11	12.51	12.58	0.38	625.3	39.5
2004/12	12.40	12.45	0.39	625.7	39.1
2005/ 1	12.30	12.35	0.38	626.1	38.8
2005/ 2	12.19	12.28	0.34	626.5	38.4
2005/ 3	12.08	12.09	0.37	626.8	38.0
2005/ 4	11.98	12.04	0.36	627.2	37.7
2005/ 5	11.87	11.91	0.37	627.6	37.3
2005/ 6	11.77	11.83	0.36	627.9	37.0
2005/ 7	11.67	11.71	0.36	628.3	36.6
2005/ 8	11.57	11.62	0.36	628.6	36.2
2005/ 9	11.47	11.53	0.35	629.0	35.9
2005/10	11.37	11.40	0.35	629.3	35.5
2005/11	11.27	11.33	0.34	629.7	35.2
2005/12	11.17	11.21	0.35	630.0	34.8
2006/ 1	11.07	11.12	0.34	630.4	34.5
2006/ 2	10.98	11.06	0.31	630.7	34.2
2006/ 3	10.88	10.89	0.34	631.0	33.9
2006/ 4	10.79	10.84	0.33	631.3	33.5
2006/ 5	10.69	10.73	0.33	631.7	33.2
2006/ 6	10.60	10.66	0.32	632.0	32.9
2006/ 7	10.51	10.54	0.33	632.3	32.5
2006/ 8	10.42	10.46	0.32	632.6	32.2
2006/ 9	10.32	10.38	0.31	633.0	31.9
2006/10	10.23	10.27	0.32	633.3	31.6
2006/11	10.15	10.20	0.31	633.6	31.3
2006/12	10.06	10.09	0.31	633.9	31.0

27N07W29N00DK

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf
2007/ 1	9.97	10.01	0.31	634.2	30.7
2007/ 2	9.88	9.96	0.28	634.5	30.4
2007/ 3	9.80	9.81	0.30	634.8	30.1
2007/ 4	9.71	9.76	0.29	635.1	29.8
2007/ 5	9.63	9.66	0.30	635.4	29.5
2007/ 6	9.54	9.60	0.29	635.7	29.2
2007/ 7	9.46	9.49	0.29	636.0	28.9
2007/ 8	9.38	9.42	0.29	636.3	28.6
2007/ 9	9.30	9.35	0.28	636.5	28.3
2007/10	9.22	9.25	0.29	636.8	28.0
2007/11	9.14	9.19	0.28	637.1	27.8
2007/12	9.06	9.09	0.28	637.4	27.5
2008/ 1	8.98	9.02	0.28	637.7	27.2
2008/ 2	8.90	8.96	0.26	637.9	27.0
2008/ 3	8.82	8.84	0.27	638.2	26.7
2008/ 4	8.74	8.79	0.26	638.5	26.4
2008/ 5	8.67	8.70	0.27	638.7	26.1
2008/ 6	8.59	8.64	0.26	639.0	25.9
2008/ 7	8.52	8.55	0.26	639.3	25.6
2008/ 8	8.44	8.48	0.26	639.5	25.4
2008/ 9	8.37	8.42	0.25	639.8	25.1
2008/10	8.30	8.33	0.26	640.0	24.8
2008/11	8.23	8.27	0.25	640.3	24.6
2008/12	8.15	8.18	0.25	640.5	24.3
2009/ 1	8.08	8.12	0.25	640.8	24.1
2009/ 2	8.01	8.08	0.23	641.0	23.9
2009/ 3	7.94	7.95	0.25	641.3	23.6
2009/ 4	7.87	7.92	0.24	641.5	23.4
2009/ 5	7.81	7.83	0.24	641.7	23.1
2009/ 6	7.74	7.78	0.23	642.0	22.9
2009/ 7	7.67	7.70	0.24	642.2	22.7
2009/ 8	7.60	7.64	0.24	642.4	22.4
2009/ 9	7.54	7.58	0.23	642.7	22.2
2009/10	7.47	7.50	0.23	642.9	22.0
2009/11	7.41	7.45	0.22	643.1	21.7
2009/12	7.34	7.37	0.23	643.4	21.5
2010/ 1	7.28	7.31	0.23	643.6	21.3
2010/ 2	7.22	7.27	0.20	643.8	21.1

27N07W29N00DK

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf
2010/ 3	7.15	7.16	0.22	644.0	20.9
2010/ 4	7.09	7.13	0.21	644.2	20.7
2010/ 5	7.03	7.05	0.22	644.4	20.4
2010/ 6	6.97	7.01	0.21	644.6	20.2
2010/ 7	6.91	6.93	0.21	644.9	20.0
2010/ 8	6.85	6.88	0.21	645.1	19.8
2010/ 9	6.79	6.82	0.20	645.3	19.6
2010/10	6.73	6.75	0.21	645.5	19.4
2010/11	6.67	6.71	0.20	645.7	19.2
2010/12	6.61	6.63	0.21	645.9	19.0
2011/ 1	6.55	6.58	0.20	646.1	18.8
2011/ 2	6.50	6.55	0.18	646.3	18.6
2011/ 3	6.44	6.45	0.20	646.5	18.4
2011/ 4	6.38	6.42	0.19	646.7	18.2
2011/ 5	6.33	6.35	0.20	646.9	18.0
2011/ 6	6.27	6.31	0.19	647.1	17.8
2011/ 7	6.22	6.24	0.19	647.3	17.6
2011/ 8	6.17	6.19	0.19	647.4	17.4
2011/ 9	6.11	6.14	0.18	647.6	17.2
2011/10	6.06	6.08	0.19	647.8	17.1
2011/11	6.01	6.04	0.18	648.0	16.9
2011/12	5.95	5.97	0.19	648.2	16.7
2012/ 1	5.90	5.93	0.18	648.4	16.5
2012/ 2	5.85	5.89	0.17	648.5	16.3
2012/ 3	5.80	5.81	0.18	648.7	16.2
2012/ 4	5.75	5.78	0.17	648.9	16.0
2012/ 5	5.70	5.72	0.18	649.1	15.8
2012/ 6	5.65	5.68	0.17	649.2	15.6
2012/ 7	5.60	5.62	0.17	649.4	15.5
2012/ 8	5.55	5.58	0.17	649.6	15.3
2012/ 9	5.50	5.53	0.17	649.8	15.1
2012/10	5.46	5.47	0.17	649.9	14.9
2012/11	5.41	5.44	0.16	650.1	14.8
2012/12	5.36	5.38	0.17	650.3	14.6
2013/ 1	5.31	5.34	0.17	650.4	14.5
2013/ 2	5.27	5.31	0.15	650.6	14.3
2013/ 3	5.22	5.23	0.16	650.7	14.1
2013/ 4	5.18	5.20	0.16	650.9	14.0

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf
2013/ 5	5.13	5.15	0.16	651.0	13.8
2013/ 6	5.09	5.11	0.15	651.2	13.7
2013/ 7	5.04	5.06	0.16	651.4	13.5
2013/ 8	5.00	5.02	0.16	651.5	13.4
2013/ 9	4.95	4.98	0.15	651.7	13.2
2013/10	4.91	4.93	0.15	651.8	13.1
2013/11	4.87	4.90	0.15	652.0	12.9
2013/12	4.83	4.84	0.15	652.1	12.8
2014/ 1	4.78	4.81	0.15	652.3	12.6
2014/ 2	4.74	4.78	0.13	652.4	12.5
2014/ 3	4.70	4.71	0.15	652.5	12.3
2014/ 4	4.66	4.69	0.14	652.7	12.2
2014/ 5	4.62	4.64	0.14	652.8	12.0
2014/ 6	4.58	4.61	0.14	653.0	11.9
2014/ 7	4.54	4.56	0.14	653.1	11.8
2014/ 8	4.50	4.52	0.14	653.2	11.6
2014/ 9	4.46	4.49	0.13	653.4	11.5
2014/10	4.42	4.44	0.14	653.5	11.4
2014/11	4.38	4.41	0.13	653.6	11.2
2014/12	4.35	4.36	0.14	653.8	11.1
2015/ 1	4.31	4.33	0.13	653.9	11.0
2015/ 2	4.27	4.30	0.12	654.0	10.8
2015/ 3	4.23	4.24	0.13	654.2	10.7
2015/ 4	4.20	4.22	0.13	654.3	10.6
2015/ 5	4.16	4.17	0.13	654.4	10.4
2015/ 6	4.12	4.15	0.12	654.5	10.3
2015/ 7	4.09	4.10	0.13	654.7	10.2
2015/ 8	4.05	4.07	0.13	654.8	10.1
2015/ 9	4.02	4.04	0.12	654.9	9.9
2015/10	3.98	4.00	0.12	655.0	9.8
2015/11	3.95	3.97	0.12	655.2	9.7
2015/12	3.91	3.93	0.12	655.3	9.6
2016/ 1	3.88	3.90	0.12	655.4	9.5
2016/ 2	3.85	3.87	0.11	655.5	9.3
2016/ 3	3.81	3.82	0.12	655.6	9.2
2016/ 4	3.78	3.80	0.11	655.8	9.1
2016/ 5	3.75	3.76	0.12	655.9	9.0
2016/ 6	3.71	3.73	0.11	656.0	8.9

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf
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2016/ 7	3.68	3.69	0.11	656.1	8.8
2016/ 8	3.65	3.67	0.11	656.2	8.7
2016/ 9	3.62	3.64	0.11	656.3	8.6
2016/10	3.59	3.60	0.11	656.4	8.4
2016/11	3.55	3.57	0.11	656.5	8.3
2016/12	3.52	3.54	0.11	656.6	8.2
2017/ 1	3.49	3.51	0.11	656.8	8.1
2017/ 2	3.46	3.49	0.10	656.9	8.0
2017/ 3	3.43	3.44	0.11	657.0	7.9
2017/ 4	3.40	3.42	0.10	657.1	7.8
2017/ 5	3.37	3.38	0.10	657.2	7.7
2017/ 6	3.34	3.36	0.10	657.3	7.6
2017/ 7	3.31	3.33	0.10	657.4	7.5
2017/ 8	3.29	3.30	0.10	657.5	7.4
2017/ 9	3.26	3.28	0.10	657.6	7.3
2017/10	3.23	3.24	0.10	657.7	7.2
2017/11	3.20	3.22	0.10	657.8	7.1
2017/12	3.17	3.18	0.10	657.9	7.0
2018/ 1	3.15	3.16	0.10	658.0	6.9
2018/ 2	3.12	3.14	0.09	658.1	6.8
2018/ 3	3.09	3.09	0.10	658.2	6.7
2018/ 4	3.06	3.08	0.09	658.2	6.6
2018/ 5	3.04	3.05	0.09	658.3	6.5
2018/ 6	3.01	3.03	0.09	658.4	6.4
2018/ 7	2.98	2.99	0.09	658.5	6.4
2018/ 8	2.96	2.97	0.09	658.6	6.3
2018/ 9	2.93	2.95	0.09	658.7	6.2
2018/10	2.91	2.92	0.09	658.8	6.1
2018/11	2.88	2.90	0.09	658.9	6.0
2018/12	2.86	2.87	0.09	659.0	5.9
2019/ 1	2.83	2.84	0.09	659.1	5.8
2019/ 2	2.81	2.83	0.08	659.1	5.7
2019/ 3	2.78	2.79	0.09	659.2	5.6
2019/ 4	2.76	2.77	0.08	659.3	5.6
2019/ 5	2.73	2.74	0.09	659.4	5.5
2019/ 6	2.71	2.73	0.08	659.5	5.4
2019/ 7	2.69	2.70	0.08	659.6	5.3
2019/ 8	2.66	2.68	0.08	659.6	5.2

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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/ 9	2.64	2.66	0.08	659.7	5.2
2019/10	2.62	2.63	0.08	659.8	5.1
2019/11	2.60	2.61	0.08	659.9	5.0
2019/12	2.57	2.58	0.08	660.0	4.9
2020/ 1	2.55	2.56	0.08	660.0	4.8
2020/ 2	2.53	2.54	0.07	660.1	4.8
2020/ 3	2.51	2.51	0.08	660.2	4.7
2020/ 4	2.48	2.50	0.07	660.3	4.6
2020/ 5	2.46	2.47	0.08	660.3	4.5
2020/ 6	2.44	2.45	0.07	660.4	4.5
2020/ 7	2.42	2.43	0.08	660.5	4.4
2020/ 8	2.40	2.41	0.07	660.6	4.3
2020/ 9	2.38	2.39	0.07	660.6	4.2
2020/10	2.36	2.37	0.07	660.7	4.2
2020/11	2.34	2.35	0.07	660.8	4.1
2020/12	2.32	2.32	0.07	660.9	4.0
2021/ 1	2.30	2.31	0.07	660.9	3.9
2021/ 2	2.28	2.29	0.06	661.0	3.9
2021/ 3	2.26	2.26	0.07	661.1	3.8
2021/ 4	2.24	2.25	0.07	661.1	3.7
2021/ 5	2.22	2.22	0.07	661.2	3.7
2021/ 6	2.20	2.21	0.07	661.3	3.6
2021/ 7	2.18	2.19	0.07	661.3	3.5
2021/ 8	2.16	2.17	0.07	661.4	3.5
2021/ 9	2.14	2.15	0.06	661.5	3.4
2021/10	2.12	2.13	0.07	661.5	3.3
2021/11	2.10	2.12	0.06	661.6	3.3
2021/12	2.09	2.09	0.06	661.7	3.2
2022/ 1	2.07	2.08	0.06	661.7	3.2
2022/ 2	2.05	2.07	0.06	661.8	3.1
2022/ 3	2.03	2.03	0.06	661.8	3.0
2022/ 4	2.01	2.03	0.06	661.9	3.0
2022/ 5	2.00	2.00	0.06	662.0	2.9
2022/ 6	1.98	1.99	0.06	662.0	2.8
2022/ 7	1.96	1.97	0.06	662.1	2.8
2022/ 8	1.95	1.95	0.06	662.1	2.7
2022/ 9	1.93	1.94	0.06	662.2	2.7
2022/10	1.91	1.92	0.06	662.3	2.6

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly		Cumulative Volume MMscf	Remaining	
			Volume MMscf	Reserves MMscf		MMscf	MMscf
2022/11	1.89	1.91	0.06	662.3	2.6	#	1
2022/12	1.88	1.88	0.06	662.4	2.5	#	1
2023/ 1	1.86	1.87	0.06	662.4	2.4	#	1
2023/ 2	1.85	1.86	0.05	662.5	2.4	#	1
2023/ 3	1.83	1.83	0.06	662.5	2.3	#	1
2023/ 4	1.81	1.82	0.05	662.6	2.3	#	1
2023/ 5	1.80	1.80	0.06	662.7	2.2	#	1
2023/ 6	1.78	1.79	0.05	662.7	2.2	#	1
2023/ 7	1.77	1.77	0.05	662.8	2.1	#	1
2023/ 8	1.75	1.76	0.05	662.8	2.1	#	1
2023/ 9	1.74	1.75	0.05	662.9	2.0	#	1
2023/10	1.72	1.73	0.05	662.9	1.9	#	1
2023/11	1.71	1.72	0.05	663.0	1.9	#	1
2023/12	1.69	1.70	0.05	663.0	1.8	#	1
2024/ 1	1.68	1.68	0.05	663.1	1.8	#	1
2024/ 2	1.66	1.67	0.05	663.1	1.7	#	1
2024/ 3	1.65	1.65	0.05	663.2	1.7	#	1
2024/ 4	1.63	1.64	0.05	663.2	1.6	#	1
2024/ 5	1.62	1.62	0.05	663.3	1.6	#	1
2024/ 6	1.60	1.61	0.05	663.3	1.5	#	1
2024/ 7	1.59	1.60	0.05	663.4	1.5	#	1
2024/ 8	1.58	1.58	0.05	663.4	1.4	#	1
2024/ 9	1.56	1.57	0.05	663.5	1.4	#	1
2024/10	1.55	1.55	0.05	663.5	1.4	#	1
2024/11	1.54	1.54	0.05	663.6	1.3	#	1
2024/12	1.52	1.53	0.05	663.6	1.3	#	1
2025/ 1	1.51	1.52	0.05	663.7	1.2	#	1
2025/ 2	1.50	1.51	0.04	663.7	1.2	#	1
2025/ 3	1.48	1.48	0.05	663.8	1.1	#	1
2025/ 4	1.47	1.48	0.04	663.8	1.1	#	1
2025/ 5	1.46	1.46	0.05	663.8	1.0	#	1
2025/ 6	1.45	1.45	0.04	663.9	1.0	#	1
2025/ 7	1.43	1.44	0.04	663.9	0.9	#	1
2025/ 8	1.42	1.43	0.04	664.0	0.9	#	1
2025/ 9	1.41	1.42	0.04	664.0	0.9	#	1
2025/10	1.40	1.40	0.04	664.1	0.8	#	1
2025/11	1.38	1.39	0.04	664.1	0.8	#	1
2025/12	1.37	1.38	0.04	664.1	0.7	#	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	
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2026/ 1	1.36	1.37	0.04	664.2	0.7	# 1
2026/ 2	1.35	1.36	0.04	664.2	0.6	# 1
2026/ 3	1.34	1.34	0.04	664.3	0.6	# 1
2026/ 4	1.32	1.33	0.04	664.3	0.6	# 1
2026/ 5	1.31	1.32	0.04	664.3	0.5	# 1
2026/ 6	1.30	1.31	0.04	664.4	0.5	# 1
2026/ 7	1.29	1.29	0.04	664.4	0.4	# 1
2026/ 8	1.28	1.28	0.04	664.5	0.4	# 1
2026/ 9	1.27	1.27	0.04	664.5	0.4	# 1
2026/10	1.26	1.26	0.04	664.5	0.3	# 1
2026/11	1.25	1.25	0.04	664.6	0.3	# 1
2026/12	1.23	1.24	0.04	664.6	0.3	# 1
2027/ 1	1.22	1.23	0.04	664.7	0.2	# 1
2027/ 2	1.21	1.22	0.03	664.7	0.2	# 1
2027/ 3	1.20	1.20	0.04	664.7	0.1	# 1
2027/ 4	1.19	1.20	0.04	664.8	0.1	# 1
2027/ 5	1.18	1.19	0.04	664.8	0.1	# 1
2027/ 6	1.17	1.18	0.04	664.8	0.0	# 1
2027/ 7	1.16	1.17	0.04	664.9	-0.0	# 1