

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: San Juan 28-7 #188 API #: 30-039-20769
Location of Well: Unit Letter 810 Feet from the South line and 1750 feet from the West line.
Section 26, Township 28N, Range 7W, NMPM, Rio Arriba County
- III. Date Workover Procedures Commenced: 5/31/97
Date Workover Procedures were Completed: 6/18/97 6/20/97
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Recompletion - see attached sundry and procedure
- 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.
- VI. See attached for production decline and projection
Pool(s) on which Production Projection is based:

Mesaverde

VII. AFFIDAVIT:

State of Texas)
County of Midland) ss.

RECEIVED
JUN 12 1998
OIL CON. DIV.
DIST. 3

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)

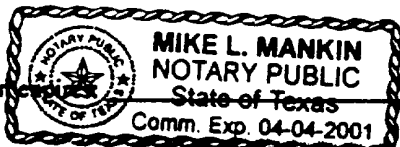
Staff Gas Assistant
(Title)

SUBSCRIBED AND SWORN TO before me this 11th day of June, 1998

Mike L. Mankin

Notary Public

My Commission Expires



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 6/20, 1998.

SS. J.
District Supervisor, District 3
Oil Conservation Division

Date: 6/12/98

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

(See other
instructions
reverse side)FORM APPROVED
OMB NO 1004-0137
Expires: February 28, 1995COPY
RECEIVED
BLM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER						5. LEASE DESIGNATION AND SERIAL NO. SF-078496-A	
b. TYPE OF COMPLETION NEW WORK DEEP- DIFF. RESVR. WELL ☐ OVER ☒ EN ☐ RESVR. ☐						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. Name of Operator CONOCO INC.						UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT	
3. Address of Operator 10 DESTA DRIVE, STE. 100W MIDLAND, TX 79705 915-686-5424						FARM OR LEASE NAME, WELL NO. #188	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 810' FSL, 1750' FWL At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WLOCAT BLANCO MESA VERDE	
14. PERMIT NO						12. COUNTY OR PARISH RIO ARRIBA COUNTY	
DATE ISSUED						13. STATE NM	
15. DATE SPUDDED 9-29-73		16. DATE T.D. REACHED 10-13-73		17. DATE COMPL. (Ready to prod.) 1-17-74 6/18/97		18. ELEV. (FE, RKB, RT, GE, ETC) * 6625' GL	
20. TOTAL DEPTH, MD A TVD 7808'		21. PLUG, BACK T.D. MD. & TVD TEMP CIBP @ 5675' 7802' FOR FINAL		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) * 4924' - 5626' MESA VERDE						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN IGR, FDC-GR, TEMP. SURVEY						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT LB/FT		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		32.3#		235'		13-3/4"	
7"		20#		3615'		8-3/4"	
4-1/2"		10.6#/11.6#		7808'		6-1/4"	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
SEE ATTACHED STIMULATION SUMMARY				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION							
DATE FIRST PRODUCTION 6-18-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 6-18-97		HOURS TESTED 12 HRS		CHOKE SIZE 3/4"		PROD'N FOR TEST PERIOD	
OIL - BBL 24		GAS - MCF 1159 MCFD		WATER - BBL 72		GAS - OIL RATIO	
FLOW TUBING PRESS		CASING PRESSURE 500#		CALCULATED 24 - HR RATE		OIL - BBL 24	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY MIKE PENA	
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		TITLE				DATE	
[Signature]		As Agent for Conoco Inc				7/1/97	

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

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.

ACCEPTED FOR RECORD

JUL 10 1997

OPERATOR

FARMINGTON DISTRICT OFFICE
21

CONOCO INC.
SAN JUAN 28-7 UNIT #188
API # 30-039-20769
N26-T28N-R7W, Rio Arriba County, New Mexico
Mesa Verde Stimulation Summary

5/31/97 MIRU, ND WH. SET AUXILLARY EQUIPMENT (MUD-TANK & PIT). BLEW WELL WHILE PUMPING 40 BBLS. 1% KCI WATER TO KILL WELL. INSTALL BOP. UNSEAT TBG HANGER. TOOH, LAYING DOWN 1-1/2" TBG. REPAIR RIG HYDRAULIC HOSE FOR 1/2 HR. FINISH TOOH W/ 1-1/2" TBG (238 JTS = 7699'). RU BLUEJET WL. GIH W/ 4-1/2" CIBP & ATTEMPT TO SET @ 5662', WOULD NOT SET. TOOH. FOUND WET QUICK CHANGE. GIH & SET CIBP #1 @ 5675'. TOOH. LOAD HOLE W/ 40 BLS 1% KCI WATER & PRESSURE TEST CSG TO 3000# - HELD OK. GIH W/ CR-CCL-CBL & LOG FROM 5675' - 3800' (GAS CUT FLUID), SHOWED GOOD BOND ACROSS PROPOSED PERF INTERVALS.

RU BLUEJET WL. GIH W 3-1/8" SELECT-FIRE GUN & PERF. POINT-LOOKOUT @ 5496', 98, 5500, 07, 09, 20, 25, 30, 36, 42, 55, 58, 61, 64, 67, 97, 5601, 03, 12, 22, 24, 26 (TOOK 2-RUNS, FOUND WET UY CONNECTOR ON TOP 4-SHOTS). TOTAL: 22 - 0.32" HOLES. GIH W/ 4 - 1/2" BAKER FULL BORE PKR ON 2-7/8" TBG & SET @ 65'. RU JG. BD POINT-LOOKOUT @ 2400#. PUMPED 500 GALS. 15% HCl + 33 (1.1 Sp Gr) BS @ 1000 - 200# @ 5 BPM, PRESSURE TO 2800# W/BALLS ON. GIH W/ 3.78" JUNK BASKET ON WL & RETRIEVE 29 BS'S (21 HITS). PICKED UP & STOOD BACK 3295' OF 2-3/8" 4.7# J-55 TBG. NU FRAC VALVE. INSTALL WH ISOLATION TOOL.

RU BJ. PUMPED POINT-LOOKOUT SLICK-WATER FRAC W/ 108,740 GAL. FLUID +72,000# 20/40 AZ + 6000# 20/40 SDC @ Q-AVE = 40 BP, P-AVE = 1700#, AVE SD = 0.85 PPG. ISIP = 0#. ND WH ISOLATE TOOL. RU BLUEJET WL. GIH W/ 4-1/2" CIBP & SET 5470'. LOAD HOLE W/ 20 BBLS 1% KCI WATER & TEST CIBP #2 TO 3000# - HELD OK.

GIH W/ 3-1/8" SELECT-FIRE GUN, PRESSURE CSG TO 2000#, PERF MENELEE @: 5172', 94, 97, 5200, 07, 25, 27, 35, 37, 95, 97, 5303, 05, 14, 50, 53, 5418, 21, 24. TOTAL: 19- 0.32" HOLES. GIH W/ 4-1/2" PKR ON 2-7/8" TBG & SET @ 65'. RU BJ. BD MENELEE @ 1930#. PUMP 500 GALS. 15% HCl + 31 (1.1 Sp Gr) BS @ 1450# @ 6.0-2.0 BPM, PRESSURED TO 3000# W/ BALLS ON. GIH W/ 3.78" JUNK BASKET ON WL & RETRIEVE 31 BALLS (19- HITS). NU WH ISOLATION TOOL, PUMP MENELEE SLICK-WATER FRAC W/71, 320 GALS + 59,000# 20/40 AZ + 6000# SDC @ Q-AVE = 39, @2 P-AVE = 2500#, AVE SD = 1.06 PPG. ISIP = 1050#, 5-MIN = 950#, 10-MIN = 920#, 15-MIN. = 880#, 75 MIN = 680#. WO PRESSURE TO FALL OFF FOR 1-1/4 HRS. ND WH ISOLATION TOOL. RU BLUEJET WL. GIH W/ 4-1/2" CIBP, WHILE PUMPING @ 1/3 - BPM, SET @ 5100'. PRESSURE TEST CIBP #3 TO 3000# - HELD OK. GIH W/ 3-1/8" SELECT-FIRE GUN, PRESSURE CSG TO 2000#, PERF CLIFFHOUSE AT 4924', 29, 34, 53, 55, 62, 64, 66, 75, 78, 82, 87, 89, 5011, 12, 25, 27, 34, 35, 41, 43, 45, 47 (TOOK 3-RUNS, FOUND WET UY-CONNECTIONS BOTH TIMES). TOTAL: 23-0.32" HOLES. GIH W/ 4-1/2" PKR ON 2-7/8" TBG & SET @ 65'. RU BJ. BD CLIFFHOUSE @ 910'. PUMPED

500 GALS 15% KCl +35 BS (1.1 Sp Gr) @9 BPM @ 700#, PRESSURED TO 3000# W/ BALLS ON. GIH W/ 3-7/8" JUNK BASKET ON WL & RETRIEVE 35 BALLS. NU WH ISOLATION TOOL. PUMP CLIFFHOUSE SLICK-WATER FRAC @ 87,000 GALS. + 70,000# 20/40 AZ + 4000# SDC @ Q-AVE. = 40, @ P-AVE. = 2500#, AVE SD = 0.99 PPG. ISIP = 360#, 15 MIN = 0#. ND WH ISOLATION TOOL.

SITP = 0#. ND FRAC VALVE. INSTALL BLOOEY LINE. INSTALL DRILL-GAS UNIT & COMPRESSORS. GIH W/ 3-7/8" METAL MUNCHER + 4 - 3-1/8" DC. + STRING FLOAT ON 2-3/8" TBG & UNLOADED HOLE TO 3410' W/ DRILL GAS.

SICP = 0#. UNLOAD HOLE W/GAS. TIH TO 4329', UNLOAD W/ GAS & TAG SAND @ 4609', 315' OF FILL. CLEAN OUT SAND TO CIBP #3 @ 5100'. RU SWIVEL & DRILL CIBP #3. RD SWIVEL & TAG SAND @ 5390'. RU SWIVEL & CLEANOUT SAND TO 5430'. TOOH TO 4120'.

SICP = 0# ATTEMPTED TO UNLOAD HOLE @ 4120' WITHOUT SUCCESS. TOOH TO 3722', UNLOAD HOLE W/ GAS, MAKING LOTS OF WATER. TIH TO 4375', UNLOAD HOLE, HEAVY WATER + TRACE OF SAND (HAULED 2 - 80 BBL LOADS). TIH TO 5430' & TAGGED SAND, 40' OF FILL. DRLG CIBP #2 @ 5470' FOR 1/2" HR. PRESSURED UP, TOOH TO 4838'. UNABLE TO UNLOAD HOLE. TOOH TO 3659', UNLOAD HOLE W/ GAS.

SICP = 700#. UNLOAD WELL W/GAS. TIH TO 4544', UNLOAD WELL, HEAVY WATER. TIH TO 5112', UNLOAD WELL. TIH & TAGGED SAND @ 5455'. 15' FILL. CLEANED OUT SAND TO CIBP #2 @ 5470'. DRILL CIBP #2 IN 2 HRS. CLEANED OUT WELL W/ GAS. TIH & TAG SAND @ 5606, 69' OF FILL. UNLOAD HOLE W/ GAS, WATER DECREASING BUT STILL HEAVY. RU SWIVEL & CLEAN OUT SAND TO CIBP #1 @ 5675', UNLOAD WELL W/ GAS. TOOH TO 4396'.

SICP = 700#. UNLOAD WELL @ 4396'. TIH TO 5635' AND TAGGED SAND @ 5635', 40' OF FILL. CLEANED OUT SAND W/ GAS. TOOH W/ TBG, 4-3/8" DC STRING FLOAT & 3-7/8" METAL MUNCHER. GIH W/ 2-3/8" NOTCHED COLLAR, 1-JT 2-3/8" TBG, SN, ON TBG TO 5670', CIRC HOLE W/GAS. TOOH TO 5238'. CIRC GAS DOWN CSG/TBG ANNULUS TO KICK WELL OFF. WELL FLOWING ON ITS OWN TO FLARE PIT @ 10:15 PM THRU 2" LINE WITH 3/4" CHOKE. BEGAN DRY WATCHING WELL.

AT 12:00 AM: FTP = 120#, CP = 570# WATER HEAVY

AT 12:00 PM: FTP = 105#, CP = 520#

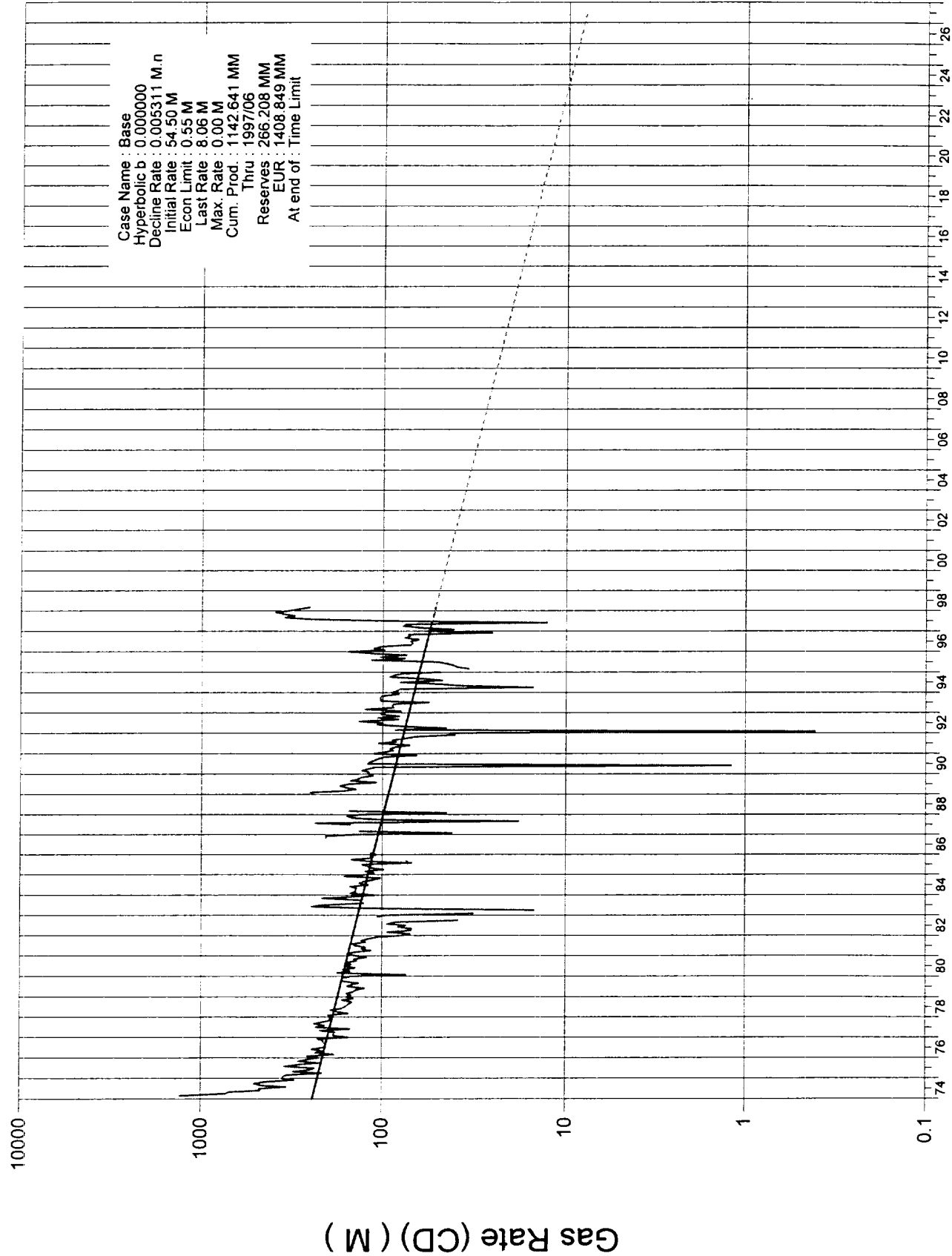
12 HR. MV FLOW-TEST. INITIAL: FTP = 80#, TCP = 500#. FINAL: FTP = 80#, FCP = 500#. 2" CRITICAL FLOW - PROVED W/ 3/4" CHOKE. EST. GAS RATE = 1159 MCFD + 24 BC/D + 72 BW/D

BLOCKED WELL OFF. PUMPED 30 BBLS OF 1% KCl WATER TO KILL WELL. TOOH W/ 2-3/8" TBG & LAY DOWN NOTCHED COLLAR. SN. TIH W/ 3-3/8" METAL MUNCHER, STRING FLOAT, 4 - 3-1/8" DC'S ON 2-3/8" TBG & TAGGED SAND. FILL @ 5645', 30' OF FILL. RU SWIVEL & CLEAN OUT SAND TO CIBP #1 @ 5675'. DRILL

CIBP #1 @ 5675' FOR 2 HRS. TIH TO PBTD @ 7802'. CIRC HOLE CLEAN W/GAS. TOOH W/ TBG, LAY DOWN 3-7/8" METAL MUNCHER, STRING FLOAT #4 - 3 DC'S. TIH W/ NOTCHED COLLAR, 1-JT 2-3/8" TBG, SN, ON 240-JTS 2-3/8" TBG TO 7628'. CIRC GAS DOWN CSG/TBG ANNULUS, UNTIL FLOW ESTABLISHED UP TBG. BEGAN DRYWATCH DK/MV @ 12:00 AM. FLOW TESTED FOR 7 HRS. FTP = 120#, FCP = 500#. ESTIMATE FLOW RATE = 1739 MCFD + 3 BC/D + 3 BW/D.

6/20/97 PUMPED 30 BBLS 1% KCI WATER TO KILL WELL. GIH, TAGGED PBTD @ 7802'. PULLED UP & LANDED TBG. @ 7628', SN @ 7597. TOTAL JTS. 241 - 2-3/8" 4.7" J-55 TBG. 8RD. ND BOP, NU WH, TREE. RD PU.

SAN JUAN 28-7 188



All WELLS(2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
-----	-----	-----	-----	-----	-----		
Schedule: # 1							
1997/ 7	54.21	54.30	1.68	1144.3	264.5	#	1
1997/ 8	53.92	54.07	1.68	1146.0	262.8	#	1
1997/ 9	53.64	53.84	1.62	1147.6	261.2	#	1
1997/10	53.35	53.44	1.66	1149.3	259.6	#	1
1997/11	53.07	53.27	1.60	1150.9	258.0	#	1
1997/12	52.79	52.87	1.64	1152.5	256.3	#	1
1998/ 1	52.51	52.65	1.63	1154.1	254.7	#	1
1998/ 2	52.23	52.55	1.47	1155.6	253.2	#	1
1998/ 3	51.96	51.91	1.61	1157.2	251.6	#	1
1998/ 4	51.68	51.87	1.56	1158.8	250.1	#	1
1998/ 5	51.41	51.49	1.60	1160.4	248.5	#	1
1998/ 6	51.14	51.33	1.54	1161.9	246.9	#	1
1998/ 7	50.86	50.95	1.58	1163.5	245.4	#	1
1998/ 8	50.60	50.73	1.57	1165.1	243.8	#	1
1998/ 9	50.33	50.51	1.52	1166.6	242.3	#	1
1998/10	50.06	50.14	1.55	1168.1	240.7	#	1
1998/11	49.80	49.98	1.50	1169.6	239.2	#	1
1998/12	49.53	49.61	1.54	1171.2	237.7	#	1
1999/ 1	49.27	49.40	1.53	1172.7	236.1	#	1
1999/ 2	49.01	49.31	1.38	1174.1	234.8	#	1
1999/ 3	48.75	48.71	1.51	1175.6	233.3	#	1
1999/ 4	48.49	48.67	1.46	1177.1	231.8	#	1
1999/ 5	48.23	48.31	1.50	1178.6	230.3	#	1
1999/ 6	47.98	48.16	1.44	1180.0	228.9	#	1
1999/ 7	47.72	47.80	1.48	1181.5	227.4	#	1
1999/ 8	47.47	47.60	1.48	1183.0	225.9	#	1
1999/ 9	47.22	47.40	1.42	1184.4	224.5	#	1
1999/10	46.97	47.04	1.46	1185.8	223.0	#	1
1999/11	46.72	46.90	1.41	1187.2	221.6	#	1
1999/12	46.47	46.55	1.44	1188.7	220.2	#	1
2000/ 1	46.23	46.35	1.44	1190.1	218.7	#	1
2000/ 2	45.98	46.21	1.34	1191.5	217.4	#	1
2000/ 3	45.74	45.76	1.42	1192.9	216.0	#	1
2000/ 4	45.50	45.67	1.37	1194.3	214.6	#	1
2000/ 5	45.26	45.33	1.41	1195.7	213.2	#	1
2000/ 6	45.02	45.18	1.36	1197.0	211.8	#	1
2000/ 7	44.78	44.85	1.39	1198.4	210.4	#	1
2000/ 8	44.54	44.66	1.38	1199.8	209.1	#	1
2000/ 9	44.30	44.47	1.33	1201.1	207.7	#	1
2000/10	44.07	44.14	1.37	1202.5	206.4	#	1
2000/11	43.84	44.00	1.32	1203.8	205.0	#	1
2000/12	43.60	43.67	1.35	1205.2	203.7	#	1
2001/ 1	43.37	43.49	1.35	1206.5	202.3	#	1
2001/ 2	43.14	43.41	1.22	1207.7	201.1	#	1
2001/ 3	42.92	42.88	1.33	1209.1	199.8	#	1
2001/ 4	42.69	42.85	1.29	1210.3	198.5	#	1
2001/ 5	42.46	42.53	1.32	1211.7	197.2	#	1
2001/ 6	42.24	42.39	1.27	1212.9	195.9	#	1
2001/ 7	42.01	42.08	1.30	1214.2	194.6	#	1
2001/ 8	41.79	41.90	1.30	1215.5	193.3	#	1

All WELLS(2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
-----	-----	-----	-----	-----	-----		
2001/ 9	41.57	41.72	1.25	1216.8	192.1	#	1
2001/10	41.35	41.42	1.28	1218.1	190.8	#	1
2001/11	41.13	41.28	1.24	1219.3	189.5	#	1
2001/12	40.91	40.98	1.27	1220.6	188.3	#	1
2002/ 1	40.70	40.80	1.26	1221.8	187.0	#	1
2002/ 2	40.48	40.73	1.14	1223.0	185.9	#	1
2002/ 3	40.27	40.23	1.25	1224.2	184.6	#	1
2002/ 4	40.05	40.20	1.21	1225.4	183.4	#	1
2002/ 5	39.84	39.90	1.24	1226.7	182.2	#	1
2002/ 6	39.63	39.78	1.19	1227.9	181.0	#	1
2002/ 7	39.42	39.48	1.22	1229.1	179.8	#	1
2002/ 8	39.21	39.32	1.22	1230.3	178.5	#	1
2002/ 9	39.00	39.15	1.17	1231.5	177.4	#	1
2002/10	38.80	38.86	1.20	1232.7	176.2	#	1
2002/11	38.59	38.74	1.16	1233.9	175.0	#	1
2002/12	38.39	38.45	1.19	1235.0	173.8	#	1
2003/ 1	38.18	38.29	1.19	1236.2	172.6	#	1
2003/ 2	37.98	38.21	1.07	1237.3	171.5	#	1
2003/ 3	37.78	37.75	1.17	1238.5	170.4	#	1
2003/ 4	37.58	37.72	1.13	1239.6	169.2	#	1
2003/ 5	37.38	37.44	1.16	1240.8	168.1	#	1
2003/ 6	37.18	37.32	1.12	1241.9	167.0	#	1
2003/ 7	36.99	37.04	1.15	1243.0	165.8	#	1
2003/ 8	36.79	36.89	1.14	1244.2	164.7	#	1
2003/ 9	36.60	36.73	1.10	1245.3	163.6	#	1
2003/10	36.40	36.46	1.13	1246.4	162.4	#	1
2003/11	36.21	36.34	1.09	1247.5	161.4	#	1
2003/12	36.02	36.07	1.12	1248.6	160.2	#	1
2004/ 1	35.83	35.92	1.11	1249.7	159.1	#	1
2004/ 2	35.64	35.81	1.04	1250.8	158.1	#	1
2004/ 3	35.45	35.46	1.10	1251.9	157.0	#	1
2004/ 4	35.26	35.39	1.06	1252.9	155.9	#	1
2004/ 5	35.07	35.13	1.09	1254.0	154.8	#	1
2004/ 6	34.89	35.02	1.05	1255.1	153.8	#	1
2004/ 7	34.70	34.76	1.08	1256.1	152.7	#	1
2004/ 8	34.52	34.61	1.07	1257.2	151.6	#	1
2004/ 9	34.34	34.46	1.03	1258.3	150.6	#	1
2004/10	34.15	34.21	1.06	1259.3	149.5	#	1
2004/11	33.97	34.10	1.02	1260.3	148.5	#	1
2004/12	33.79	33.85	1.05	1261.4	147.5	#	1
2005/ 1	33.61	33.70	1.04	1262.4	146.4	#	1
2005/ 2	33.44	33.64	0.94	1263.4	145.5	#	1
2005/ 3	33.26	33.23	1.03	1264.4	144.4	#	1
2005/ 4	33.08	33.21	1.00	1265.4	143.5	#	1
2005/ 5	32.91	32.96	1.02	1266.4	142.4	#	1
2005/ 6	32.73	32.86	0.99	1267.4	141.4	#	1
2005/ 7	32.56	32.61	1.01	1268.4	140.4	#	1
2005/ 8	32.39	32.47	1.01	1269.4	139.4	#	1
2005/ 9	32.22	32.34	0.97	1270.4	138.5	#	1
2005/10	32.05	32.10	0.99	1271.4	137.5	#	1
2005/11	31.88	31.99	0.96	1272.3	136.5	#	1

All WELLS(2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2005/12	31.71	31.76	0.98	1273.3	135.5	#	1
2006/ 1	31.54	31.62	0.98	1274.3	134.5	#	1
2006/ 2	31.37	31.56	0.88	1275.2	133.7	#	1
2006/ 3	31.21	31.18	0.97	1276.2	132.7	#	1
2006/ 4	31.04	31.16	0.93	1277.1	131.8	#	1
2006/ 5	30.88	30.93	0.96	1278.1	130.8	#	1
2006/ 6	30.71	30.83	0.92	1279.0	129.9	#	1
2006/ 7	30.55	30.60	0.95	1279.9	128.9	#	1
2006/ 8	30.39	30.47	0.94	1280.9	128.0	#	1
2006/ 9	30.23	30.34	0.91	1281.8	127.1	#	1
2006/10	30.07	30.11	0.93	1282.7	126.1	#	1
2006/11	29.91	30.02	0.90	1283.6	125.2	#	1
2006/12	29.75	29.80	0.92	1284.5	124.3	#	1
2007/ 1	29.59	29.67	0.92	1285.5	123.4	#	1
2007/ 2	29.43	29.61	0.83	1286.3	122.6	#	1
2007/ 3	29.28	29.26	0.91	1287.2	121.7	#	1
2007/ 4	29.12	29.23	0.88	1288.1	120.8	#	1
2007/ 5	28.97	29.02	0.90	1289.0	119.9	#	1
2007/ 6	28.82	28.92	0.87	1289.8	119.0	#	1
2007/ 7	28.66	28.71	0.89	1290.7	118.1	#	1
2007/ 8	28.51	28.59	0.89	1291.6	117.2	#	1
2007/ 9	28.36	28.47	0.85	1292.5	116.4	#	1
2007/10	28.21	28.26	0.88	1293.3	115.5	#	1
2007/11	28.06	28.17	0.84	1294.2	114.7	#	1
2007/12	27.91	27.96	0.87	1295.1	113.8	#	1
2008/ 1	27.76	27.84	0.86	1295.9	112.9	#	1
2008/ 2	27.62	27.75	0.80	1296.7	112.1	#	1
2008/ 3	27.47	27.48	0.85	1297.6	111.3	#	1
2008/ 4	27.33	27.43	0.82	1298.4	110.4	#	1
2008/ 5	27.18	27.22	0.84	1299.2	109.6	#	1
2008/ 6	27.04	27.14	0.81	1300.1	108.8	#	1
2008/ 7	26.89	26.94	0.84	1300.9	108.0	#	1
2008/ 8	26.75	26.82	0.83	1301.7	107.1	#	1
2008/ 9	26.61	26.71	0.80	1302.5	106.3	#	1
2008/10	26.47	26.51	0.82	1303.4	105.5	#	1
2008/11	26.33	26.43	0.79	1304.1	104.7	#	1
2008/12	26.19	26.23	0.81	1305.0	103.9	#	1
2009/ 1	26.05	26.12	0.81	1305.8	103.1	#	1
2009/ 2	25.91	26.07	0.73	1306.5	102.4	#	1
2009/ 3	25.78	25.75	0.80	1307.3	101.6	#	1
2009/ 4	25.64	25.73	0.77	1308.1	100.8	#	1
2009/ 5	25.50	25.54	0.79	1308.9	100.0	#	1
2009/ 6	25.37	25.46	0.76	1309.6	99.2	#	1
2009/ 7	25.23	25.27	0.78	1310.4	98.4	#	1
2009/ 8	25.10	25.17	0.78	1311.2	97.7	#	1
2009/ 9	24.97	25.06	0.75	1311.9	96.9	#	1
2009/10	24.83	24.87	0.77	1312.7	96.1	#	1
2009/11	24.70	24.80	0.74	1313.5	95.4	#	1
2009/12	24.57	24.61	0.76	1314.2	94.6	#	1
2010/ 1	24.44	24.51	0.76	1315.0	93.9	#	1
2010/ 2	24.31	24.46	0.68	1315.7	93.2	#	1

All WELLS(2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2010/ 3	24.18	24.16	0.75	1316.4	92.4	#	1
2010/ 4	24.06	24.15	0.72	1317.1	91.7	#	1
2010/ 5	23.93	23.97	0.74	1317.9	91.0	#	1
2010/ 6	23.80	23.89	0.72	1318.6	90.3	#	1
2010/ 7	23.68	23.71	0.74	1319.3	89.5	#	1
2010/ 8	23.55	23.61	0.73	1320.1	88.8	#	1
2010/ 9	23.43	23.51	0.71	1320.8	88.1	#	1
2010/10	23.30	23.34	0.72	1321.5	87.4	#	1
2010/11	23.18	23.26	0.70	1322.2	86.7	#	1
2010/12	23.06	23.09	0.72	1322.9	85.9	#	1
2011/ 1	22.93	22.99	0.71	1323.6	85.2	#	1
2011/ 2	22.81	22.95	0.64	1324.3	84.6	#	1
2011/ 3	22.69	22.67	0.70	1325.0	83.9	#	1
2011/ 4	22.57	22.66	0.68	1325.6	83.2	#	1
2011/ 5	22.45	22.49	0.70	1326.3	82.5	#	1
2011/ 6	22.33	22.42	0.67	1327.0	81.8	#	1
2011/ 7	22.21	22.25	0.69	1327.7	81.1	#	1
2011/ 8	22.10	22.16	0.69	1328.4	80.5	#	1
2011/ 9	21.98	22.06	0.66	1329.0	79.8	#	1
2011/10	21.86	21.90	0.68	1329.7	79.1	#	1
2011/11	21.75	21.83	0.65	1330.4	78.5	#	1
2011/12	21.63	21.67	0.67	1331.1	77.8	#	1
2012/ 1	21.52	21.57	0.67	1331.7	77.1	#	1
2012/ 2	21.40	21.51	0.62	1332.3	76.5	#	1
2012/ 3	21.29	21.30	0.66	1333.0	75.8	#	1
2012/ 4	21.18	21.26	0.64	1333.6	75.2	#	1
2012/ 5	21.07	21.10	0.65	1334.3	74.5	#	1
2012/ 6	20.95	21.03	0.63	1334.9	73.9	#	1
2012/ 7	20.84	20.88	0.65	1335.6	73.3	#	1
2012/ 8	20.73	20.79	0.64	1336.2	72.6	#	1
2012/ 9	20.62	20.70	0.62	1336.8	72.0	#	1
2012/10	20.51	20.55	0.64	1337.5	71.4	#	1
2012/11	20.40	20.48	0.61	1338.1	70.8	#	1
2012/12	20.30	20.33	0.63	1338.7	70.1	#	1
2013/ 1	20.19	20.24	0.63	1339.4	69.5	#	1
2013/ 2	20.08	20.20	0.57	1339.9	68.9	#	1
2013/ 3	19.98	19.96	0.62	1340.5	68.3	#	1
2013/ 4	19.87	19.94	0.60	1341.1	67.7	#	1
2013/ 5	19.76	19.80	0.61	1341.7	67.1	#	1
2013/ 6	19.66	19.73	0.59	1342.3	66.5	#	1
2013/ 7	19.56	19.59	0.61	1342.9	65.9	#	1
2013/ 8	19.45	19.50	0.60	1343.6	65.3	#	1
2013/ 9	19.35	19.42	0.58	1344.1	64.7	#	1
2013/10	19.25	19.28	0.60	1344.7	64.1	#	1
2013/11	19.14	19.22	0.58	1345.3	63.5	#	1
2013/12	19.04	19.07	0.59	1345.9	62.9	#	1
2014/ 1	18.94	18.99	0.59	1346.5	62.4	#	1
2014/ 2	18.84	18.96	0.53	1347.0	61.8	#	1
2014/ 3	18.74	18.73	0.58	1347.6	61.2	#	1
2014/ 4	18.64	18.71	0.56	1348.2	60.7	#	1
2014/ 5	18.54	18.57	0.58	1348.7	60.1	#	1

All WELLS(2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2014/ 6	18.45	18.52	0.56	1349.3	59.6	#	1
2014/ 7	18.35	18.38	0.57	1349.9	59.0	#	1
2014/ 8	18.25	18.30	0.57	1350.4	58.4	#	1
2014/ 9	18.15	18.22	0.55	1351.0	57.9	#	1
2014/10	18.06	18.09	0.56	1351.5	57.3	#	1
2014/11	17.96	18.03	0.54	1352.1	56.8	#	1
2014/12	17.87	17.90	0.55	1352.6	56.2	#	1
2015/ 1	17.77	17.82	0.55	1353.2	55.7	#	1
2015/ 2	17.68	17.79	0.50	1353.7	55.2	#	1
2015/ 3	17.59	17.57	0.54	1354.2	54.6	#	1
2015/ 4	17.49	17.56	0.53	1354.8	54.1	#	1
2015/ 5	17.40	17.43	0.54	1355.3	53.6	#	1
2015/ 6	17.31	17.37	0.52	1355.8	53.0	#	1
2015/ 7	17.22	17.24	0.53	1356.4	52.5	#	1
2015/ 8	17.12	17.17	0.53	1356.9	52.0	#	1
2015/ 9	17.03	17.10	0.51	1357.4	51.5	#	1
2015/10	16.94	16.97	0.53	1357.9	50.9	#	1
2015/11	16.85	16.92	0.51	1358.4	50.4	#	1
2015/12	16.76	16.79	0.52	1359.0	49.9	#	1
2016/ 1	16.68	16.72	0.52	1359.5	49.4	#	1
2016/ 2	16.59	16.67	0.48	1360.0	48.9	#	1
2016/ 3	16.50	16.51	0.51	1360.5	48.4	#	1
2016/ 4	16.41	16.47	0.49	1361.0	47.9	#	1
2016/ 5	16.33	16.35	0.51	1361.5	47.4	#	1
2016/ 6	16.24	16.30	0.49	1362.0	46.9	#	1
2016/ 7	16.15	16.18	0.50	1362.5	46.4	#	1
2016/ 8	16.07	16.11	0.50	1363.0	45.9	#	1
2016/ 9	15.98	16.04	0.48	1363.4	45.4	#	1
2016/10	15.90	15.92	0.49	1363.9	44.9	#	1
2016/11	15.81	15.87	0.48	1364.4	44.4	#	1
2016/12	15.73	15.76	0.49	1364.9	44.0	#	1
2017/ 1	15.65	15.69	0.49	1365.4	43.5	#	1
2017/ 2	15.56	15.66	0.44	1365.8	43.0	#	1
2017/ 3	15.48	15.47	0.48	1366.3	42.6	#	1
2017/ 4	15.40	15.46	0.46	1366.8	42.1	#	1
2017/ 5	15.32	15.34	0.48	1367.2	41.6	#	1
2017/ 6	15.24	15.29	0.46	1367.7	41.2	#	1
2017/ 7	15.16	15.18	0.47	1368.2	40.7	#	1
2017/ 8	15.08	15.12	0.47	1368.6	40.2	#	1
2017/ 9	15.00	15.05	0.45	1369.1	39.8	#	1
2017/10	14.92	14.94	0.46	1369.6	39.3	#	1
2017/11	14.84	14.89	0.45	1370.0	38.9	#	1
2017/12	14.76	14.78	0.46	1370.5	38.4	#	1
2018/ 1	14.68	14.72	0.46	1370.9	37.9	#	1
2018/ 2	14.60	14.69	0.41	1371.3	37.5	#	1
2018/ 3	14.53	14.51	0.45	1371.8	37.1	#	1
2018/ 4	14.45	14.50	0.44	1372.2	36.6	#	1
2018/ 5	14.37	14.40	0.45	1372.7	36.2	#	1
2018/ 6	14.30	14.35	0.43	1373.1	35.8	#	1
2018/ 7	14.22	14.24	0.44	1373.5	35.3	#	1
2018/ 8	14.14	14.18	0.44	1374.0	34.9	#	1

All WELLS(2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2018/ 9	14.07	14.12	0.42	1374.4	34.5	#	1
2018/10	14.00	14.02	0.43	1374.8	34.0	#	1
2018/11	13.92	13.97	0.42	1375.2	33.6	#	1
2018/12	13.85	13.87	0.43	1375.7	33.2	#	1
2019/ 1	13.77	13.81	0.43	1376.1	32.7	#	1
2019/ 2	13.70	13.78	0.39	1376.5	32.4	#	1
2019/ 3	13.63	13.62	0.42	1376.9	31.9	#	1
2019/ 4	13.56	13.61	0.41	1377.3	31.5	#	1
2019/ 5	13.48	13.51	0.42	1377.7	31.1	#	1
2019/ 6	13.41	13.46	0.40	1378.1	30.7	#	1
2019/ 7	13.34	13.36	0.41	1378.6	30.3	#	1
2019/ 8	13.27	13.31	0.41	1379.0	29.9	#	1
2019/ 9	13.20	13.25	0.40	1379.4	29.5	#	1
2019/10	13.13	13.15	0.41	1379.8	29.1	#	1
2019/11	13.06	13.11	0.39	1380.2	28.7	#	1
2019/12	12.99	13.01	0.40	1380.6	28.3	#	1
2020/ 1	12.92	12.96	0.40	1381.0	27.9	#	1
2020/ 2	12.86	12.92	0.37	1381.3	27.5	#	1
2020/ 3	12.79	12.79	0.40	1381.7	27.1	#	1
2020/ 4	12.72	12.77	0.38	1382.1	26.7	#	1
2020/ 5	12.65	12.67	0.39	1382.5	26.3	#	1
2020/ 6	12.58	12.63	0.38	1382.9	26.0	#	1
2020/ 7	12.52	12.54	0.39	1383.3	25.6	#	1
2020/ 8	12.45	12.49	0.39	1383.7	25.2	#	1
2020/ 9	12.39	12.43	0.37	1384.0	24.8	#	1
2020/10	12.32	12.34	0.38	1384.4	24.4	#	1
2020/11	12.26	12.30	0.37	1384.8	24.1	#	1
2020/12	12.19	12.21	0.38	1385.2	23.7	#	1
2021/ 1	12.13	12.16	0.38	1385.6	23.3	#	1
2021/ 2	12.06	12.13	0.34	1385.9	23.0	#	1
2021/ 3	12.00	11.99	0.37	1386.3	22.6	#	1
2021/ 4	11.93	11.98	0.36	1386.6	22.2	#	1
2021/ 5	11.87	11.89	0.37	1387.0	21.9	#	1
2021/ 6	11.81	11.85	0.36	1387.3	21.5	#	1
2021/ 7	11.75	11.76	0.36	1387.7	21.1	#	1
2021/ 8	11.68	11.71	0.36	1388.1	20.8	#	1
2021/ 9	11.62	11.66	0.35	1388.4	20.4	#	1
2021/10	11.56	11.58	0.36	1388.8	20.1	#	1
2021/11	11.50	11.54	0.35	1389.1	19.7	#	1
2021/12	11.44	11.46	0.36	1389.5	19.4	#	1
2022/ 1	11.38	11.41	0.35	1389.8	19.0	#	1
2022/ 2	11.32	11.39	0.32	1390.2	18.7	#	1
2022/ 3	11.26	11.25	0.35	1390.5	18.3	#	1
2022/ 4	11.20	11.24	0.34	1390.8	18.0	#	1
2022/ 5	11.14	11.16	0.35	1391.2	17.7	#	1
2022/ 6	11.08	11.12	0.33	1391.5	17.3	#	1
2022/ 7	11.02	11.04	0.34	1391.9	17.0	#	1
2022/ 8	10.96	10.99	0.34	1392.2	16.6	#	1
2022/ 9	10.90	10.94	0.33	1392.5	16.3	#	1
2022/10	10.85	10.86	0.34	1392.9	16.0	#	1
2022/11	10.79	10.83	0.32	1393.2	15.7	#	1

All WELLS(2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2022/12	10.73	10.75	0.33	1393.5	15.3	#	1
2023/ 1	10.67	10.70	0.33	1393.9	15.0	#	1
2023/ 2	10.62	10.68	0.30	1394.2	14.7	#	1
2023/ 3	10.56	10.55	0.33	1394.5	14.4	#	1
2023/ 4	10.51	10.54	0.32	1394.8	14.0	#	1
2023/ 5	10.45	10.47	0.32	1395.1	13.7	#	1
2023/ 6	10.39	10.43	0.31	1395.4	13.4	#	1
2023/ 7	10.34	10.36	0.32	1395.8	13.1	#	1
2023/ 8	10.29	10.31	0.32	1396.1	12.8	#	1
2023/ 9	10.23	10.27	0.31	1396.4	12.5	#	1
2023/10	10.18	10.19	0.32	1396.7	12.1	#	1
2023/11	10.12	10.16	0.30	1397.0	11.8	#	1
2023/12	10.07	10.09	0.31	1397.3	11.5	#	1
2024/ 1	10.02	10.04	0.31	1397.6	11.2	#	1
2024/ 2	9.96	10.01	0.29	1397.9	10.9	#	1
2024/ 3	9.91	9.91	0.31	1398.2	10.6	#	1
2024/ 4	9.86	9.89	0.30	1398.5	10.3	#	1
2024/ 5	9.81	9.82	0.30	1398.8	10.0	#	1
2024/ 6	9.75	9.79	0.29	1399.1	9.7	#	1
2024/ 7	9.70	9.72	0.30	1399.4	9.4	#	1
2024/ 8	9.65	9.68	0.30	1399.7	9.1	#	1
2024/ 9	9.60	9.63	0.29	1400.0	8.8	#	1
2024/10	9.55	9.56	0.30	1400.3	8.5	#	1
2024/11	9.50	9.53	0.29	1400.6	8.2	#	1
2024/12	9.45	9.46	0.29	1400.9	8.0	#	1
2025/ 1	9.40	9.42	0.29	1401.2	7.7	#	1
2025/ 2	9.35	9.40	0.26	1401.4	7.4	#	1
2025/ 3	9.30	9.29	0.29	1401.7	7.1	#	1
2025/ 4	9.25	9.28	0.28	1402.0	6.8	#	1
2025/ 5	9.20	9.21	0.29	1402.3	6.5	#	1
2025/ 6	9.15	9.18	0.28	1402.6	6.3	#	1
2025/ 7	9.10	9.12	0.28	1402.9	6.0	#	1
2025/ 8	9.05	9.08	0.28	1403.1	5.7	#	1
2025/ 9	9.01	9.04	0.27	1403.4	5.4	#	1
2025/10	8.96	8.97	0.28	1403.7	5.2	#	1
2025/11	8.91	8.94	0.27	1404.0	4.9	#	1
2025/12	8.86	8.88	0.28	1404.2	4.6	#	1
2026/ 1	8.82	8.84	0.27	1404.5	4.3	#	1
2026/ 2	8.77	8.82	0.25	1404.8	4.1	#	1
2026/ 3	8.72	8.72	0.27	1405.0	3.8	#	1
2026/ 4	8.68	8.71	0.26	1405.3	3.6	#	1
2026/ 5	8.63	8.65	0.27	1405.6	3.3	#	1
2026/ 6	8.59	8.62	0.26	1405.8	3.0	#	1
2026/ 7	8.54	8.55	0.27	1406.1	2.8	#	1
2026/ 8	8.50	8.52	0.26	1406.3	2.5	#	1
2026/ 9	8.45	8.48	0.25	1406.6	2.3	#	1
2026/10	8.41	8.42	0.26	1406.9	2.0	#	1
2026/11	8.36	8.39	0.25	1407.1	1.7	#	1
2026/12	8.32	8.33	0.26	1407.4	1.5	#	1
2027/ 1	8.27	8.29	0.26	1407.6	1.2	#	1
2027/ 2	8.23	8.28	0.23	1407.9	1.0	#	1

All WELLS (2) in Zoomed Area

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
-----	-----	-----	-----	-----	-----		
2027/ 3	8.19	8.18	0.25	1408.1	0.7	#	1
2027/ 4	8.14	8.17	0.25	1408.4	0.5	#	1
2027/ 5	8.10	8.11	0.25	1408.6	0.2	#	1
2027/ 6	8.06	8.09	0.24	1408.8	0.0	#	1