

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
311 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

79

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

RSC 7115069
TAX 1160520

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: P.O. BOX 1267 PONCA CITY OK 74602 RM 310-14 ST
Contact Party: STEVE KEIM Phone: 580-767-5098
- II. Name of Well: SAN JUAN 28-7 #153 API #: 30-039-20405
Location of Well: Unit Letter A, 800 Feet from the North line and 990 feet from the East line.
Section 20, Township 27N, Range 7W, NMPM, RIO ARriba County
- III. Date Workover Procedures Commenced: 4-23-98
Date Workover Procedures were Completed: 5-8-98
- IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
NO RECOMPLETION SEE ATTACHED PROCEDURES
- 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. Pool(s) on which Production Projection is based:
71599 - Basin Dakota
- VII. AFFIDAVIT:
State of OKLAHOMA)
County of KAY) ss.
STEVE KEIM, being first duly sworn, upon oath states:

RECEIVED
APR 12 1999
OIL CON. DIV.
DIST. 3

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.

Steve Keim
(Name)

SR STAFF ANALYST
(Title)



SUBSCRIBED AND SWORN TO before me this 6th day of April, 1999

[Signature]
Notary Public

My Commission expires: 5-9-2002

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 5/8, 1998

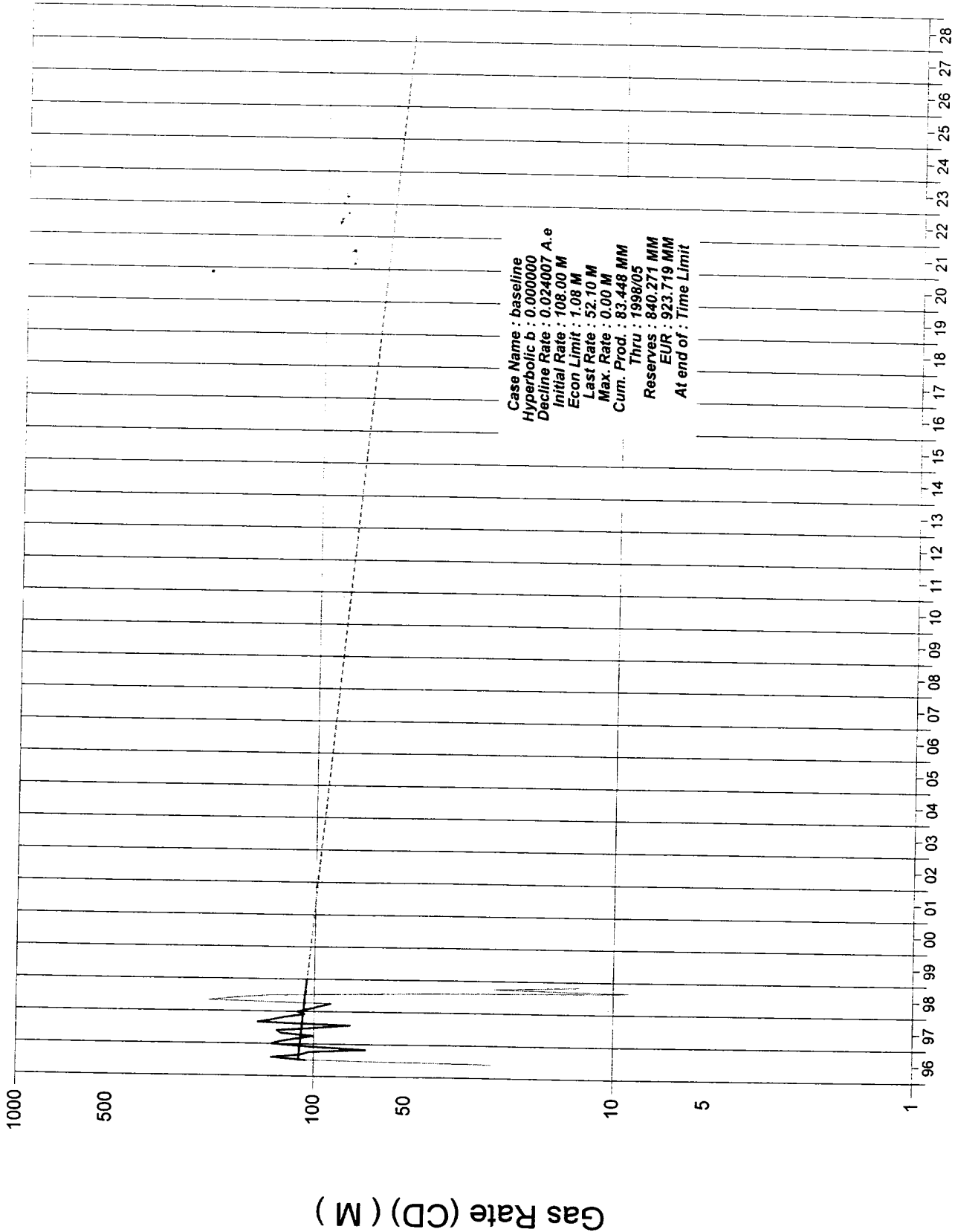
[Signature]
District Supervisor, District 3
Oil Conservation Division

Date: 7/19/99

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

DATE: _____

SAN JUAN 28-7 UNIT 153



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER				5. LEASE DESIGNATION AND SERIAL NO. SF 078640	
b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. RESVR. OTHER WELL ☐ OVER ☐ EN ☐ ☒				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CONOCO INC.				7. UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424				8. FARM OR LEASE NAME, WELL NO. #153	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) * At surface 800' FNL & 990' FEL, UNIT LETTER 'A' At top prod. Interval reported below At total depth				9. API WELL NO. 30-039-20405	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 08-19-71		16. DATE T.D. REACHED 09-05-71		17. DATE COMPL. (Ready to prod.) 05-08-98	
18. ELEV. (DF, RKB, RT, GR, ETC) *		19. ELEV. CASINGHEAD		12. COUNTY OR PARISH RIO ARriba	
13. STATE NM		20. TOTAL DEPTH, MD & TVD 7535'		21. PLUG, BACK T.D. MD. & TVD 7470'	
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) * 4984' - 5408' BLANCO MESA VERDE	
25. TYPE ELECTRIC AND OTHER LOGS RUN		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)	
9-5/8"		32.3#		235'	
4-1/2"		10.5# & 11.6#		7535'	
HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
13-3/4"		190 SX			
8-3/4" & 7-7/8"		540 SX			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT *		SCREEN (MD)		30. TUBING RECORD	
				SIZE	
				DEPTH SET (MD)	
				PACKER SET (MD)	
				2-3/8"	
				4980' (TEST)	
				BP @ 5808'	
				(7440') (FINAL)	
				7	
31. PERFORATION RECORD (Interval, size and number)					
SEE ATTACHED SUMMARY					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)					
AMOUNT AND KIND OF MATERIAL USED					
33. *					
DATE FIRST PRODUCTION 05-08-98					
PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING					
WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 05-08-98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"	
FLOW TUBING PRESS 85#		CASING PRESSURE 270#		CALCULATED 24 - HR RATE	
PROD'N FOR TEST PERIOD		OIL - BBL		GAS - MCF	
		5		561 MCFPD	
OIL - BBL		GAS - MCF		WATER - BBL	
5		561 MCFPD			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED					
35. LIST OF ATTACHMENTS SUMMARY					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Sylvia Johnson</u> TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>MAY 15 1998</u>					

* (See Instructions and Specs for Additional Data on Reverse Side) Title 18 U.S.C. Section 1001, makes it a crime to knowingly and willfully 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.

OPERATOR

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COPY

CONOCO, INC.
SAN JUAN 28-7 UNIT #153
 800' FNL & 990' FEL, UNIT LETTER 'A'
 SEC. 20, T-27-N, R-07-W

- 04/23/98 MIRU. Tbg 150#, fled down well & killed w/ 20 bbls 1% KCl, NDWH. NU BOP. Release Hali. R-4 pkr. POOH w/ 134 jts (4034' KB) 2-3/8" EUE, J55 tbg, LD pkr, pull to tal 250 jts (7435' KB).
- 04/24/98 Perf, PU Hali. 4-1/2" composite plug, RIH w/ WL to set @ 5608' KB. POOH w/ WL setting tool. Press tested plug & csg to 500#. Held OK. Run repeat sec. Log; correlated. Run GR log from 5599' - 4648' KB. LD logging tools. Correlated to 9/4/71 FDC - GR Open hole log. MU 3 - 1/8" select fire perf gun w/18gm charges. RIH to perf following depths: 5227-29-31-33-35-37-39-45-47-54-63-65-5308-14-16-18-20-22-24-26-31-41-43-5404-06-08. Total: 26 shots. POOH, LD perf gun, PU Hali. 4-1/2" RTTS pkr, RIH w/ tbg to 5108' KB.
- 04/27/98 Pkr set @ 5108' KB. RU to breakdown & acidize. Broke down perfs thru tbg, using 500 gal 15% HCl & 40 ea. 1.3sg balls. Noticed fair ball action, but did not ball off. Release RTTS pkr, RIH 5 stands to knock off ball sealers. POOH to set RTTS back @ 5108' KB. Press backside to 500#, to monitor during frac. Pumped frac to Point lookout as follows: 6006 gal pad, base fluid 2% KCl. 35703 gal 15# low gel X-link w/ 47000# 20/40 AZ & 6000# 20/40 SDC. MTP 3800#, ATP 5000#. Avg. inj. Rate 19 BPM. Max sand conc. 2#/gal. ISDP 800#, 5 min 212#, 10 min 0#, @ 1100 hrs. released frac crew, left equip on location. Released treating pkr, POOH w/ 2-3/8" frac string, standing back. RU BJ WL. PU 4-1/2" Hali composite plug, RIH w/ WL to set @ 5100' KB. POOH, LD setting tool, press test plug & csg to 500#, held OK. MU, & RIH w/ 3 - 18" perf gun w/18gm charges. Perfed MV Menefee as follows: 4984-86-88-90-92-94-96-98-5000-02-04-06-10-12-14-16-18-20-22-24-26-28-30, total 23 shots. POOH w/WL, release BJ. PU Hali. RTTS pkr, RIH w/ tbg to set pkr @ 4834' KB.
- 04/28/98 RU BJ to tbg, pumped 1% KCl to breakdown perfs @ 4150# pumped 500 gal 15% HCl @ avg. rat 6 BPM, dropping 35 ea. 1.3sg sealer balls thruout the job. Ball action was good, but did not ball off 100%. ISIP 1150#. Rel Hali. RTTS pkr. RIH w/ tbg to knock off ball sealers. POOH back to 4835', re-set pkr. PU BJ to frac valve, test line, press csg to 500# to monitor during frac. Fraced MV Menefee as follows: Pumped 6600 gal pad, pumped 41429 gal 15# low gel X-link w/ 48270# 20/40 AZ & 6000# 20/40/ SDC. Min rate 16 BPM, max. 19 BPM, avg. 18 BPM, min press 5400#, max. 5800#, avg. 5500#, min sand conc. 1#/gal, max. 2#/gal, ISDP 1244# 15 min 1214#.
- 04/29/98 Started out of hole w/tbg 4 stand out got stuck (156 jts & pkr in hole @ 4595). RIH w/WL tag sand, found free point above sand (4568'). POOH w/free point tools. RIH w/ WL Chem. cut tbg @ 4552', POOH release WL, PU short catch overshot bumper sub, jar, 6 - 3 1/16" drill collars & an intensifier. RIH got on fish, jarred free POOH, LD fishing tools & Hali, RTTS pkr, start RU to CO.
- 04/30/98 RU 6" blew line to pit, PU MM bit, RIH w/164 jts tbg to tag fill @ 4870' KB. Started comp to CO fill to 5105', let well clean, flowing sand & H2O, pump soap sweeps, POOH w/ tbg to 4750.

COPY

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CONOCO, INC.
SAN JUAN 28-7 UNIT #153
800' FNL & 990' FEL, UNIT LETTER 'A'
SEC. 20, T-27-N, R-07-W

- 05/01/98 RIH w/tbg to tag fill @ 5090' KB. RU power swivel, started gas comp, CO well to composite plug @ 5100', soap sweep, start drilling on plug, got stuck, tried to loosen, no luck. RU Weatherford WL, found freepoint, tried to back off, no luck, tried Chem.-cut; still no movement, found new fill level, over cut off. Run back, RO, backed off @ 5017', POOH w/tbg to 4160'.
- 05/04/98 TIH, tag top of sand fill @ 5128', circ. sand off top of tbg fish w/ gas comp & sweeps, wash over to top of MM @ 5130', latch 40' of tbg fish w/ dogs in washpipe, TOOH w/ tools & tbg fish, TIH w/ shoe & OS latch top of MM @ 5130', jar & release, TOOH w/ tools & fish.
- 05/05/98 BD tbg to rig pit, TIH w/MM & tbg tag fill @ 5070' (30' of fill), CO to BP @ 5100', DO BP & cont. in hole tag fill @ 5361, (247 of fill over BP @ 5608') CO to 5540', PU tbg to 4827'.
- 05/06/98 1000# tbg, 860# csg, BD tbg to rig pit, kill w/7 bbls 1% KCl, TIH w/tbg from 4827 - 5520' (20' of fill overnight), CO w/gas & foam to BP @ 5608', circ. clean, PU tbg to 4940'.
- 05/07/98 MV test w/ 1/2" choke as follows: 270# csg, 85# tbg, 15 BWPD, 5 BOPD, 561 MCFD, remove choke & BD tbg thru 2" to pit, TIH tag fill @ 5580', CO to BP @ 5608', DO BP & CO to 7470', leaves 8' of rathole below DK perms (7292'-7462') hard fill @ 7470', circ. clean w/ sweeps of foam & gas, TOOH w/ MM TIH w/ 1/2 mule shoe & 2-3/8" SN & tbg to 4980', circ. down csg to kick well off.
- 05/08/98 370# csg, BD tbg to pit, TIH w/ tbg tag fill @ 7466', CO w/ gas & foam to PBTD @ 7470', circ. clean, PU & land tbg @ 7350' w/ 247 jts 2-3/8" tbg, NDBOP, NUWH, press up csg w/ gas until tbg unloaded, RDMO.

DISTRICT II
PO Box 00, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1. OPERATOR NAME AND ADDRESS CONOCO INC. 10 Deste Drive, Suite 100W Midland, Texas 79705-4500 (915) 888-5424		2. OGRID NUMBER 005073	
4. API NUMBER 30-039-20405		5. POOL NAME BLANCO MESA VERDE	
7. PROPERTY CODE 018608		8. PROPERTY NAME SAN JUAN 28-7 UNIT	
3. REASON FOR FILING CODE RC		6. POOL CODE 72319	
9. WELL NUMBER #153			

II. SURFACE LOCATION

Well or lot no.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	27N	07W		300'	NORTH	990'	EAST	RIO ARRIB.

III. BOTTOM HOLE LOCATION

Well or lot no.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County

12. Loe Code F	13. Producing Method Code F	14. Gas Connection Date	15. C-129 Permit Number	16. C-129 Effective Date	17. C-129 Expiration Date
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III. OIL AND GAS TRANSPORTERS

18. Transporter OGRID 009018	19. Transporter Name and Address EPFS, DESTEC TWR 2500 CITY WEST BLVD HOUSTON, TX 77042	20. POD 108430	21. O/G G	22. POD ULSTR Location and Description
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151818	GIANT REFINERY 5784 US HWY 64 BLOOMFIELD, NM 87413	108410	O	RECEIVED MAY 14 1998 OIL CON. DIV. DIST. 3
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IV. PRODUCED WATER

23. POD 108450	24. POD ULSTR LOCATION AND DESCRIPTION
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V. WELL COMPLETION DATA

25. SPUD DATE 08-19-71	26. READY DATE 05-08-98	27. TD 7535'	28. PSTD 7470'	29. PERFORATIONS 4984' - 5408'	30. DHC, DC, MC
31. HOLE SIZE 13-1/4"	32. CASING & TUBING SIZE 9-5/8"	33. DEPTH SET 235'	34. SACKS CEMENT 190 SX		
8-1/2" & 7-7/8"	4-1/2"	7535'	540 SX		
	2-3/8"	4980' (TEST) 7440' (FINAL)	BP @ 5608'		

VI. WELL TEST DATA

35. DATE NEW OIL 05-08-98	36. GAS DELIVERY DATE 05-08-98	37. TEST DATE 05-08-98	38. TEST LENGTH 24 HRS	39. TBQ. PRESSURE 85 PSI	40. CSG. PRESSURE 270 PSI
41. CHOKE SIZE 1/2"	42. OIL 5	43. WATER 15	44. GAS 581 MCFPD	45. AOF	46. TEST METHOD

47. I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Sylvia Johnson</i>		Approved by: <i>27.8</i>	
Printed Name: SYLVIA JOHNSON		Printed Name: SUPERVISOR DISTRICT #3	
Title: Agent for Conoco Inc.		Title:	
Date: 05/13/98	Phone: (505) 324-3980	Approval Date: MAY 21 1998	

48. If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
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<i>A</i> End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
Schedule: # 1							
1998/ 6	107.78	108.01	3.24	86.7	837.0	#	1
1998/ 7	107.56	107.56	3.33	90.0	833.7	#	1
1998/ 8	107.35	107.45	3.33	93.4	830.4	#	1
1998/ 9	107.13	107.35	3.22	96.6	827.1	#	1
1998/10	106.91	106.91	3.31	99.9	823.8	#	1
1998/11	106.70	106.92	3.21	103.1	820.6	#	1
1998/12	106.48	106.47	3.30	106.4	817.3	#	1
1999/ 1	106.26	106.37	3.30	109.7	814.0	#	1
1999/ 2	106.05	106.52	2.98	112.7	811.0	#	1
1999/ 3	105.84	105.58	3.27	115.9	807.8	#	1
1999/ 4	105.62	105.84	3.18	119.1	804.6	#	1
1999/ 5	105.41	105.40	3.27	122.4	801.3	#	1
1999/ 6	105.19	105.41	3.16	125.6	798.2	#	1
1999/ 7	104.98	104.97	3.25	128.8	794.9	#	1
1999/ 8	104.77	104.88	3.25	132.1	791.7	#	1
1999/ 9	104.56	104.78	3.14	135.2	788.5	#	1
1999/10	104.35	104.34	3.23	138.4	785.3	#	1
1999/11	104.13	104.35	3.13	141.6	782.2	#	1
1999/12	103.92	103.92	3.22	144.8	778.9	#	1
2000/ 1	103.71	103.82	3.22	148.0	775.7	#	1
2000/ 2	103.50	103.84	3.01	151.0	772.7	#	1
2000/ 3	103.29	103.17	3.20	154.2	769.5	#	1
2000/ 4	103.09	103.30	3.10	157.3	766.4	#	1
2000/ 5	102.88	102.87	3.19	160.5	763.2	#	1
2000/ 6	102.67	102.88	3.09	163.6	760.1	#	1
2000/ 7	102.46	102.45	3.18	166.8	757.0	#	1
2000/ 8	102.25	102.36	3.17	169.9	753.8	#	1
2000/ 9	102.05	102.26	3.07	173.0	750.7	#	1
2000/10	101.84	101.83	3.16	176.2	747.6	#	1
2000/11	101.63	101.85	3.06	179.2	744.5	#	1
2000/12	101.43	101.42	3.14	182.4	741.4	#	1
2001/ 1	101.22	101.33	3.14	185.5	738.2	#	1
2001/ 2	101.02	101.47	2.84	188.3	735.4	#	1
2001/ 3	100.81	100.57	3.12	191.5	732.3	#	1
2001/ 4	100.61	100.82	3.02	194.5	729.2	#	1
2001/ 5	100.41	100.40	3.11	197.6	726.1	#	1
2001/ 6	100.20	100.41	3.01	200.6	723.1	#	1
2001/ 7	100.00	99.99	3.10	203.7	720.0	#	1
2001/ 8	99.80	99.90	3.10	206.8	716.9	#	1
2001/ 9	99.60	99.81	2.99	209.8	713.9	#	1
2001/10	99.40	99.39	3.08	212.9	710.8	#	1
2001/11	99.19	99.40	2.98	215.9	707.9	#	1
2001/12	98.99	98.99	3.07	218.9	704.8	#	1
2002/ 1	98.79	98.89	3.07	222.0	701.7	#	1
2002/ 2	98.59	99.03	2.77	224.8	698.9	#	1
2002/ 3	98.39	98.15	3.04	227.8	695.9	#	1
2002/ 4	98.20	98.40	2.95	230.8	692.9	#	1
2002/ 5	98.00	97.99	3.04	233.8	689.9	#	1
2002/ 6	97.80	98.00	2.94	236.7	687.0	#	1
2002/ 7	97.60	97.59	3.03	239.8	683.9	#	1

LEASE: SAN JUAN 28-7, SAN_JUAN_28-7, SAN_JUAN_28-7_UNIT WNUM: 153(3)

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2002/ 8	97.40	97.50	3.02	242.8	680.9	#	1
2002/ 9	97.21	97.41	2.92	245.7	678.0	#	1
2002/10	97.01	97.00	3.01	248.7	675.0	#	1
2002/11	96.81	97.02	2.91	251.6	672.1	#	1
2002/12	96.62	96.61	2.99	254.6	669.1	#	1
2003/ 1	96.42	96.52	2.99	257.6	666.1	#	1
2003/ 2	96.23	96.66	2.71	260.3	663.4	#	1
2003/ 3	96.03	95.80	2.97	263.3	660.4	#	1
2003/ 4	95.84	96.04	2.88	266.2	657.5	#	1
2003/ 5	95.64	95.64	2.96	269.1	654.6	#	1
2003/ 6	95.45	95.65	2.87	272.0	651.7	#	1
2003/ 7	95.26	95.25	2.95	275.0	648.8	#	1
2003/ 8	95.06	95.16	2.95	277.9	645.8	#	1
2003/ 9	94.87	95.07	2.85	280.8	642.9	#	1
2003/10	94.68	94.67	2.93	283.7	640.0	#	1
2003/11	94.49	94.69	2.84	286.5	637.2	#	1
2003/12	94.30	94.29	2.92	289.5	634.3	#	1
2004/ 1	94.11	94.20	2.92	292.4	631.3	#	1
2004/ 2	93.92	94.22	2.73	295.1	628.6	#	1
2004/ 3	93.73	93.61	2.90	298.0	625.7	#	1
2004/ 4	93.54	93.73	2.81	300.8	622.9	#	1
2004/ 5	93.35	93.34	2.89	303.7	620.0	#	1
2004/ 6	93.16	93.35	2.80	306.5	617.2	#	1
2004/ 7	92.97	92.96	2.88	309.4	614.3	#	1
2004/ 8	92.78	92.88	2.88	312.3	611.4	#	1
2004/ 9	92.59	92.79	2.78	315.1	608.6	#	1
2004/10	92.41	92.40	2.86	317.9	605.8	#	1
2004/11	92.22	92.41	2.77	320.7	603.0	#	1
2004/12	92.03	92.03	2.85	323.6	600.2	#	1
2005/ 1	91.85	91.94	2.85	326.4	597.3	#	1
2005/ 2	91.66	92.07	2.58	329.0	594.7	#	1
2005/ 3	91.48	91.25	2.83	331.8	591.9	#	1
2005/ 4	91.29	91.48	2.74	334.6	589.2	#	1
2005/ 5	91.11	91.10	2.82	337.4	586.3	#	1
2005/ 6	90.92	91.11	2.73	340.1	583.6	#	1
2005/ 7	90.74	90.73	2.81	342.9	580.8	#	1
2005/ 8	90.56	90.65	2.81	345.7	578.0	#	1
2005/ 9	90.37	90.56	2.72	348.5	575.3	#	1
2005/10	90.19	90.18	2.80	351.3	572.5	#	1
2005/11	90.01	90.19	2.71	354.0	569.8	#	1
2005/12	89.82	89.82	2.78	356.7	567.0	#	1
2006/ 1	89.64	89.73	2.78	359.5	564.2	#	1
2006/ 2	89.46	89.86	2.52	362.0	561.7	#	1
2006/ 3	89.28	89.06	2.76	364.8	558.9	#	1
2006/ 4	89.10	89.29	2.68	367.5	556.2	#	1
2006/ 5	88.92	88.91	2.76	370.2	553.5	#	1
2006/ 6	88.74	88.93	2.67	372.9	550.8	#	1
2006/ 7	88.56	88.55	2.75	375.7	548.1	#	1
2006/ 8	88.38	88.47	2.74	378.4	545.3	#	1
2006/ 9	88.20	88.39	2.65	381.0	542.7	#	1
2006/10	88.02	88.02	2.73	383.8	539.9	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2006/11	87.85	88.03	2.64	386.4	537.3	#	1
2006/12	87.67	87.66	2.72	389.1	534.6	#	1
2007/ 1	87.49	87.58	2.71	391.9	531.9	#	1
2007/ 2	87.31	87.70	2.46	394.3	529.4	#	1
2007/ 3	87.14	86.92	2.69	397.0	526.7	#	1
2007/ 4	86.96	87.14	2.61	399.6	524.1	#	1
2007/ 5	86.79	86.78	2.69	402.3	521.4	#	1
2007/ 6	86.61	86.79	2.60	404.9	518.8	#	1
2007/ 7	86.43	86.43	2.68	407.6	516.1	#	1
2007/ 8	86.26	86.35	2.68	410.3	513.5	#	1
2007/ 9	86.08	86.27	2.59	412.9	510.9	#	1
2007/10	85.91	85.90	2.66	415.5	508.2	#	1
2007/11	85.74	85.92	2.58	418.1	505.6	#	1
2007/12	85.56	85.56	2.65	420.7	503.0	#	1
2008/ 1	85.39	85.48	2.65	423.4	500.3	#	1
2008/ 2	85.22	85.49	2.48	425.9	497.8	#	1
2008/ 3	85.05	84.94	2.63	428.5	495.2	#	1
2008/ 4	84.87	85.05	2.55	431.1	492.7	#	1
2008/ 5	84.70	84.70	2.63	433.7	490.0	#	1
2008/ 6	84.53	84.71	2.54	436.2	487.5	#	1
2008/ 7	84.36	84.35	2.61	438.8	484.9	#	1
2008/ 8	84.19	84.27	2.61	441.5	482.3	#	1
2008/ 9	84.02	84.19	2.53	444.0	479.7	#	1
2008/10	83.85	83.84	2.60	446.6	477.1	#	1
2008/11	83.68	83.85	2.52	449.1	474.6	#	1
2008/12	83.51	83.50	2.59	451.7	472.0	#	1
2009/ 1	83.34	83.42	2.59	454.3	469.4	#	1
2009/ 2	83.17	83.54	2.34	456.6	467.1	#	1
2009/ 3	83.00	82.80	2.57	459.2	464.5	#	1
2009/ 4	82.84	83.01	2.49	461.7	462.1	#	1
2009/ 5	82.67	82.66	2.56	464.2	459.5	#	1
2009/ 6	82.50	82.67	2.48	466.7	457.0	#	1
2009/ 7	82.33	82.33	2.55	469.3	454.5	#	1
2009/ 8	82.17	82.25	2.55	471.8	451.9	#	1
2009/ 9	82.00	82.17	2.47	474.3	449.4	#	1
2009/10	81.84	81.83	2.54	476.8	446.9	#	1
2009/11	81.67	81.84	2.46	479.3	444.5	#	1
2009/12	81.50	81.50	2.53	481.8	441.9	#	1
2010/ 1	81.34	81.42	2.52	484.3	439.4	#	1
2010/ 2	81.17	81.54	2.28	486.6	437.1	#	1
2010/ 3	81.01	80.81	2.51	489.1	434.6	#	1
2010/ 4	80.85	81.02	2.43	491.5	432.2	#	1
2010/ 5	80.68	80.68	2.50	494.0	429.7	#	1
2010/ 6	80.52	80.69	2.42	496.5	427.3	#	1
2010/ 7	80.36	80.35	2.49	498.9	424.8	#	1
2010/ 8	80.19	80.28	2.49	501.4	422.3	#	1
2010/ 9	80.03	80.20	2.41	503.8	419.9	#	1
2010/10	79.87	79.87	2.48	506.3	417.4	#	1
2010/11	79.71	79.88	2.40	508.7	415.0	#	1
2010/12	79.55	79.54	2.47	511.2	412.5	#	1
2011/ 1	79.39	79.47	2.46	513.6	410.1	#	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		
2011/ 2	79.23	79.58	2.23	515.9	407.8	#	1
2011/ 3	79.07	78.87	2.45	518.3	405.4	#	1
2011/ 4	78.91	79.07	2.37	520.7	403.0	#	1
2011/ 5	78.75	78.74	2.44	523.1	400.6	#	1
2011/ 6	78.59	78.75	2.36	525.5	398.2	#	1
2011/ 7	78.43	78.42	2.43	527.9	395.8	#	1
2011/ 8	78.27	78.35	2.43	530.4	393.4	#	1
2011/ 9	78.11	78.28	2.35	532.7	391.0	#	1
2011/10	77.95	77.95	2.42	535.1	388.6	#	1
2011/11	77.80	77.96	2.34	537.5	386.3	#	1
2011/12	77.64	77.63	2.41	539.9	383.9	#	1
2012/ 1	77.48	77.56	2.40	542.3	381.5	#	1
2012/ 2	77.32	77.58	2.25	544.5	379.2	#	1
2012/ 3	77.17	77.07	2.39	546.9	376.8	#	1
2012/ 4	77.01	77.17	2.32	549.2	374.5	#	1
2012/ 5	76.86	76.85	2.38	551.6	372.1	#	1
2012/ 6	76.70	76.86	2.31	553.9	369.8	#	1
2012/ 7	76.55	76.54	2.37	556.3	367.4	#	1
2012/ 8	76.39	76.47	2.37	558.7	365.1	#	1
2012/ 9	76.24	76.40	2.29	560.9	362.8	#	1
2012/10	76.08	76.08	2.36	563.3	360.4	#	1
2012/11	75.93	76.09	2.28	565.6	358.1	#	1
2012/12	75.77	75.77	2.35	567.9	355.8	#	1
2013/ 1	75.62	75.70	2.35	570.3	353.4	#	1
2013/ 2	75.47	75.81	2.12	572.4	351.3	#	1
2013/ 3	75.32	75.13	2.33	574.7	349.0	#	1
2013/ 4	75.16	75.32	2.26	577.0	346.7	#	1
2013/ 5	75.01	75.01	2.33	579.3	344.4	#	1
2013/ 6	74.86	75.02	2.25	581.6	342.1	#	1
2013/ 7	74.71	74.70	2.32	583.9	339.8	#	1
2013/ 8	74.56	74.63	2.31	586.2	337.5	#	1
2013/ 9	74.41	74.56	2.24	588.4	335.3	#	1
2013/10	74.26	74.25	2.30	590.7	333.0	#	1
2013/11	74.11	74.26	2.23	593.0	330.8	#	1
2013/12	73.96	73.95	2.29	595.3	328.5	#	1
2014/ 1	73.81	73.88	2.29	597.5	326.2	#	1
2014/ 2	73.66	73.99	2.07	599.6	324.1	#	1
2014/ 3	73.51	73.33	2.27	601.9	321.8	#	1
2014/ 4	73.36	73.51	2.21	604.1	319.6	#	1
2014/ 5	73.21	73.21	2.27	606.4	317.4	#	1
2014/ 6	73.06	73.22	2.20	608.6	315.2	#	1
2014/ 7	72.91	72.91	2.26	610.8	312.9	#	1
2014/ 8	72.77	72.84	2.26	613.1	310.6	#	1
2014/ 9	72.62	72.77	2.18	615.3	308.5	#	1
2014/10	72.47	72.47	2.25	617.5	306.2	#	1
2014/11	72.33	72.48	2.17	619.7	304.0	#	1
2014/12	72.18	72.17	2.24	621.9	301.8	#	1
2015/ 1	72.03	72.11	2.24	624.2	299.6	#	1
2015/ 2	71.89	72.21	2.02	626.2	297.5	#	1
2015/ 3	71.74	71.57	2.22	628.4	295.3	#	1
2015/ 4	71.60	71.75	2.15	630.6	293.2	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2015/ 5	71.45	71.45	2.21	632.8	291.0	#	1
2015/ 6	71.31	71.46	2.14	634.9	288.8	#	1
2015/ 7	71.16	71.16	2.21	637.1	286.6	#	1
2015/ 8	71.02	71.09	2.20	639.3	284.4	#	1
2015/ 9	70.88	71.02	2.13	641.5	282.3	#	1
2015/10	70.73	70.73	2.19	643.6	280.1	#	1
2015/11	70.59	70.74	2.12	645.8	278.0	#	1
2015/12	70.45	70.44	2.18	647.9	275.8	#	1
2016/ 1	70.30	70.38	2.18	650.1	273.6	#	1
2016/ 2	70.16	70.39	2.04	652.2	271.5	#	1
2016/ 3	70.02	69.94	2.17	654.3	269.4	#	1
2016/ 4	69.88	70.03	2.10	656.4	267.3	#	1
2016/ 5	69.74	69.73	2.16	658.6	265.1	#	1
2016/ 6	69.60	69.74	2.09	660.7	263.0	#	1
2016/ 7	69.46	69.45	2.15	662.8	260.9	#	1
2016/ 8	69.32	69.39	2.15	665.0	258.7	#	1
2016/ 9	69.17	69.32	2.08	667.1	256.6	#	1
2016/10	69.03	69.03	2.14	669.2	254.5	#	1
2016/11	68.90	69.04	2.07	671.3	252.4	#	1
2016/12	68.76	68.75	2.13	673.4	250.3	#	1
2017/ 1	68.62	68.69	2.13	675.6	248.2	#	1
2017/ 2	68.48	68.78	1.93	677.5	246.2	#	1
2017/ 3	68.34	68.17	2.11	679.6	244.1	#	1
2017/ 4	68.20	68.34	2.05	681.6	242.1	#	1
2017/ 5	68.06	68.06	2.11	683.7	240.0	#	1
2017/ 6	67.93	68.07	2.04	685.8	237.9	#	1
2017/ 7	67.79	67.78	2.10	687.9	235.8	#	1
2017/ 8	67.65	67.72	2.10	690.0	233.7	#	1
2017/ 9	67.51	67.66	2.03	692.0	231.7	#	1
2017/10	67.38	67.37	2.09	694.1	229.6	#	1
2017/11	67.24	67.38	2.02	696.1	227.6	#	1
2017/12	67.11	67.10	2.08	698.2	225.5	#	1
2018/ 1	66.97	67.04	2.08	700.3	223.4	#	1
2018/ 2	66.83	67.13	1.88	702.2	221.5	#	1
2018/ 3	66.70	66.54	2.06	704.2	219.5	#	1
2018/ 4	66.56	66.70	2.00	706.2	217.5	#	1
2018/ 5	66.43	66.43	2.06	708.3	215.4	#	1
2018/ 6	66.29	66.43	1.99	710.3	213.4	#	1
2018/ 7	66.16	66.16	2.05	712.3	211.4	#	1
2018/ 8	66.03	66.09	2.05	714.4	209.3	#	1
2018/ 9	65.89	66.03	1.98	716.4	207.4	#	1
2018/10	65.76	65.76	2.04	718.4	205.3	#	1
2018/11	65.63	65.76	1.97	720.4	203.3	#	1
2018/12	65.49	65.49	2.03	722.4	201.3	#	1
2019/ 1	65.36	65.43	2.03	724.4	199.3	#	1
2019/ 2	65.23	65.52	1.83	726.3	197.4	#	1
2019/ 3	65.10	64.94	2.01	728.3	195.4	#	1
2019/ 4	64.97	65.10	1.95	730.2	193.5	#	1
2019/ 5	64.83	64.83	2.01	732.2	191.5	#	1
2019/ 6	64.70	64.84	1.95	734.2	189.5	#	1
2019/ 7	64.57	64.57	2.00	736.2	187.5	#	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/ 8	64.44	64.51	2.00	738.2	185.5	#	1
2019/ 9	64.31	64.45	1.93	740.1	183.6	#	1
2019/10	64.18	64.18	1.99	742.1	181.6	#	1
2019/11	64.05	64.18	1.93	744.0	179.7	#	1
2019/12	63.92	63.92	1.98	746.0	177.7	#	1
2020/ 1	63.79	63.86	1.98	748.0	175.7	#	1
2020/ 2	63.66	63.87	1.85	749.9	173.9	#	1
2020/ 3	63.53	63.46	1.97	751.8	171.9	#	1
2020/ 4	63.41	63.54	1.91	753.7	170.0	#	1
2020/ 5	63.28	63.27	1.96	755.7	168.0	#	1
2020/ 6	63.15	63.28	1.90	757.6	166.1	#	1
2020/ 7	63.02	63.02	1.95	759.5	164.2	#	1
2020/ 8	62.89	62.96	1.95	761.5	162.2	#	1
2020/ 9	62.77	62.90	1.89	763.4	160.3	#	1
2020/10	62.64	62.64	1.94	765.3	158.4	#	1
2020/11	62.51	62.64	1.88	767.2	156.5	#	1
2020/12	62.39	62.38	1.93	769.1	154.6	#	1
2021/ 1	62.26	62.32	1.93	771.1	152.7	#	1
2021/ 2	62.13	62.41	1.75	772.8	150.9	#	1
2021/ 3	62.01	61.86	1.92	774.7	149.0	#	1
2021/ 4	61.88	62.01	1.86	776.6	147.1	#	1
2021/ 5	61.76	61.76	1.91	778.5	145.2	#	1
2021/ 6	61.63	61.76	1.85	780.4	143.4	#	1
2021/ 7	61.51	61.51	1.91	782.3	141.5	#	1
2021/ 8	61.38	61.45	1.90	784.2	139.5	#	1
2021/ 9	61.26	61.39	1.84	786.0	137.7	#	1
2021/10	61.14	61.13	1.90	787.9	135.8	#	1
2021/11	61.01	61.14	1.83	789.7	134.0	#	1
2021/12	60.89	60.89	1.89	791.6	132.1	#	1
2022/ 1	60.77	60.83	1.89	793.5	130.2	#	1
2022/ 2	60.64	60.91	1.71	795.2	128.5	#	1
2022/ 3	60.52	60.37	1.87	797.1	126.6	#	1
2022/ 4	60.40	60.52	1.82	798.9	124.8	#	1
2022/ 5	60.28	60.27	1.87	800.8	122.9	#	1
2022/ 6	60.15	60.28	1.81	802.6	121.1	#	1
2022/ 7	60.03	60.03	1.86	804.4	119.3	#	1
2022/ 8	59.91	59.97	1.86	806.3	117.4	#	1
2022/ 9	59.79	59.91	1.80	808.1	115.6	#	1
2022/10	59.67	59.67	1.85	810.0	113.8	#	1
2022/11	59.55	59.67	1.79	811.7	112.0	#	1
2022/12	59.43	59.42	1.84	813.6	110.1	#	1
2023/ 1	59.31	59.37	1.84	815.4	108.3	#	1
2023/ 2	59.19	59.45	1.66	817.1	106.6	#	1
2023/ 3	59.07	58.92	1.83	818.9	104.8	#	1
2023/ 4	58.95	59.07	1.77	820.7	103.0	#	1
2023/ 5	58.83	58.83	1.82	822.5	101.2	#	1
2023/ 6	58.71	58.83	1.76	824.3	99.4	#	1
2023/ 7	58.59	58.59	1.82	826.1	97.6	#	1
2023/ 8	58.47	58.53	1.81	827.9	95.8	#	1
2023/ 9	58.35	58.48	1.75	829.7	94.1	#	1
2023/10	58.24	58.23	1.81	831.5	92.3	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2023/11	58.12	58.24	1.75	833.2	90.5	#	1
2023/12	58.00	58.00	1.80	835.0	88.7	#	1
2024/ 1	57.88	57.94	1.80	836.8	86.9	#	1
2024/ 2	57.77	57.95	1.68	838.5	85.2	#	1
2024/ 3	57.65	57.58	1.78	840.3	83.4	#	1
2024/ 4	57.53	57.65	1.73	842.0	81.7	#	1
2024/ 5	57.42	57.41	1.78	843.8	79.9	#	1
2024/ 6	57.30	57.42	1.72	845.5	78.2	#	1
2024/ 7	57.18	57.18	1.77	847.3	76.4	#	1
2024/ 8	57.07	57.13	1.77	849.1	74.7	#	1
2024/ 9	56.95	57.07	1.71	850.8	73.0	#	1
2024/10	56.84	56.84	1.76	852.5	71.2	#	1
2024/11	56.72	56.84	1.71	854.2	69.5	#	1
2024/12	56.61	56.61	1.75	856.0	67.7	#	1
2025/ 1	56.49	56.55	1.75	857.7	66.0	#	1
2025/ 2	56.38	56.63	1.59	859.3	64.4	#	1
2025/ 3	56.27	56.13	1.74	861.1	62.7	#	1
2025/ 4	56.15	56.27	1.69	862.8	61.0	#	1
2025/ 5	56.04	56.04	1.74	864.5	59.2	#	1
2025/ 6	55.93	56.04	1.68	866.2	57.5	#	1
2025/ 7	55.81	55.81	1.73	867.9	55.8	#	1
2025/ 8	55.70	55.76	1.73	869.6	54.1	#	1
2025/ 9	55.59	55.70	1.67	871.3	52.4	#	1
2025/10	55.47	55.47	1.72	873.0	50.7	#	1
2025/11	55.36	55.48	1.66	874.7	49.0	#	1
2025/12	55.25	55.25	1.71	876.4	47.3	#	1
2026/ 1	55.14	55.19	1.71	878.1	45.6	#	1
2026/ 2	55.03	55.27	1.55	879.7	44.1	#	1
2026/ 3	54.92	54.78	1.70	881.4	42.4	#	1
2026/ 4	54.80	54.92	1.65	883.0	40.7	#	1
2026/ 5	54.69	54.69	1.70	884.7	39.0	#	1
2026/ 6	54.58	54.70	1.64	886.3	37.4	#	1
2026/ 7	54.47	54.47	1.69	888.0	35.7	#	1
2026/ 8	54.36	54.42	1.69	889.7	34.0	#	1
2026/ 9	54.25	54.36	1.63	891.3	32.4	#	1
2026/10	54.14	54.14	1.68	893.0	30.7	#	1
2026/11	54.03	54.15	1.62	894.6	29.1	#	1
2026/12	53.92	53.92	1.67	896.3	27.4	#	1
2027/ 1	53.81	53.87	1.67	898.0	25.7	#	1
2027/ 2	53.71	53.95	1.51	899.5	24.2	#	1
2027/ 3	53.60	53.47	1.66	901.2	22.6	#	1
2027/ 4	53.49	53.60	1.61	902.8	21.0	#	1
2027/ 5	53.38	53.38	1.65	904.4	19.3	#	1
2027/ 6	53.27	53.38	1.60	906.0	17.7	#	1
2027/ 7	53.16	53.16	1.65	907.7	16.1	#	1
2027/ 8	53.06	53.11	1.65	909.3	14.4	#	1
2027/ 9	52.95	53.06	1.59	910.9	12.8	#	1
2027/10	52.84	52.84	1.64	912.5	11.2	#	1
2027/11	52.74	52.85	1.59	914.1	9.6	#	1
2027/12	52.63	52.63	1.63	915.8	8.0	#	1
2028/ 1	52.52	52.58	1.63	917.4	6.3	#	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		
2028/ 2	52.42	52.59	1.52	918.9	4.8	#	1
2028/ 3	52.31	52.25	1.62	920.5	3.2	#	1
2028/ 4	52.20	52.31	1.57	922.1	1.6	#	1
2028/ 5	52.10	52.10	1.61	923.7	-0.0	#	1