

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-23176
5. Indicate Type of Lease STATE FEE
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
Amoco Production Company Attn: **Mary Corley**

3. Address of Operator
P.O. Box 3092 Houston, TX 77253

4. Well Location

Unit Letter **O** **1300** feet from the **South** line and **2230** feet from the **East** line

Section **17** Township **31N** Range **11W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
6315'

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: **Downhole Commingle** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Amoco Production Company request permission to convert the subject well from a dual string completion to a single string completion and commingle production downhole from the Blanco Pictured Cliffs & Blanco Mesaverde Pools as per the attached procedure.

The Blanco Pictured Cliffs (72359) & the Blanco Mesaverde (72319) Pools are Pre-Approved Pools for Downhole Commingling per NMOC order R-11363.

The working, overriding, and royalty interest owners in the proposed commingled pools are identical; therefore, no notification of this application need be submitted via certified mail.

Production is proposed to be allocated based on actual production from both the Pictured Cliffs and Mesaverde Pools as reflected on the attached allocation chart.

Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Mary Corley* TITLE **Sr. Regulatory Analyst** DATE **07/31/2001**

Type or print name **Mary Corley** Telephone No. **281-366-4491**

(This space for State use)

Original Signed by **STEVEN N. HAYDEN**

APPROVED BY _____ TITLE **DEPUTY OIL & GAS INSPECTOR, DIST. #3** DATE **AUG 02 2001**

Conditions of approval, if any:

K

Mudge B 12A

Downhole commingle Pictured Cliffs and Mesa Verde

PROCEDURE:

1. Check anchors. Check and record tubing, casing, and Bradenhead pressures. Tag and flag valves and bleed flow line pressure to zero. MIRU workover rig.
2. Blow down wellhead. *If necessary, kill with 2% KCl water.*
3. ND wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi.
4. Tally OH with short string of tubing (1-1/4" @ 2984') and visually inspect for potential hole and scale.
5. Tally OH with long string of tubing (2-3/8", 4.7#, EUE @ 5550') and visually inspect for potential hole and scale.

Contingency: If tubing is in poor condition, replace as necessary.

Contingency: If scale is detected on the tubing, consult engineer about acidizing the well.

6. Pull or retrieve packer @ 3047'.
7. Cleanout fill to PBTD at 5615'.
8. Rabbit tubing and RIH with 2-3/8" production tubing with a muleshoe, F-nipple, and plug on bottom. Fill tubing with 2% KCl while RIH and periodically pressure test to 500 psi. Replace any joints that fail pressure test.
9. Land 2-3/8" production tubing @ +/- 5540'.
10. Swab water from the tubing using the sandline. RU slickline and run gauge ring for 2-3/8" tubing. Pull plug, then RD slickline unit. Clean out to PBTD. Flow to cleanup tank.
11. ND BOPs. NU WH. Notify pumper that well is ready to be returned to production. Swab in well with sandline and flow well for several hours on a choke to ensure well is unloaded and ready to produce before turning over to pumper to return to production.

Mudge B #12A

SE/4 Sec 17, T31N, R11W

6315' GL

History:

Spud: 6/21/1979

Completed: 9/25/1979

Completed as dual PC-MV producer

Pictured Cliffs Perfs
12 spf {
2918'-2933'
2940'-2953'
2962'-2976'
2982'-2990'
3008'-3022'

Mesa Verde Perfs
4954'-5530'
30 shots total

Est. TOC @ surface (circ)

9-5/8" 36# K55 @ 221'
224 cu ft cmt (circulated)

Est. TOC @ 2200'

Tubing: 1-1/4", 2.3# @ 2984'

Top of 4-1/2" liner @ 3035'
Production Packer @ 3047'

7" 20#, K55 @ 3236'
459 cu ft cmt

Est. TOC @ TOL

Tubing: 2-3/8" 4.7#, EUE @ 5550'

4-1/2" liner, 10.5#, K55 @ 5632'
441 cu ft cmt

PBTD: 5615'

updated: 3/19/2001 DRA

Well: MUDGE B **No.:** 012A
Operator: AMOCO PRODUCTION CO **API:** 3-0045-23176
Township: 31.0N **Range:** 11W **Section:** 17 **Unit:** O
County: San Juan

Year: 2000

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	630	65	31	6171	1778526
February	0	553	0	29	6171	1779079
March	0	559	0	31	6171	1779638
April	0	571	0	30	6171	1780209
May	0	580	0	31	6171	1780789
June	0	550	0	30	6171	1781339
July	0	582	0	31	6171	1781921
August	0	568	0	31	6171	1782489
September	0	540	0	30	6171	1783029
October	0	539	0	31	6171	1783568
November	0	543	0	30	6171	1784111
December	0	547	0	31	6171	1784658
Total	0	6762	65	366		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	6	5557	0	31	6177	1790215
February	27	4881	0	29	6204	1795096
March	21	4928	60	31	6225	1800024
April	34	5040	65	30	6259	1805064
May	8	5121	0	31	6267	1810185
June	28	4856	80	30	6295	1815041
July	10	5139	0	31	6305	1820180
August	26	5015	60	31	6331	1825195
September	6	4766	60	30	6337	1829961
October	18	4756	0	31	6355	1834717
November	31	4790	50	30	6386	1839507
December	17	4827	0	31	6403	1844334
Total	232	59676	375	366		

Year: 2001

Pool Name: AZTEC PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	538	0	31	6403	1844872
February	0	448	80	28	6403	1845320
March	0	554	0	31	6403	1845874
Total	0	1540	80	90		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	3	4744	0	31	6406	1850618
February	12	3954	0	28	6418	1854572
March	14	4890	70	31	6432	1859462

Total	29	13588	70	90
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ALLOCATION

2000 Annual Production

Formation	Gas	%	Oil	%
Pictured Cliffs	6762	0.101779	0	0
Mesaverde	59676	0.898221	232	100
Total	66438		232	

ALLOCATE BASED ON 2001 PRODUCTION

2001 Annual Production

Formation	Gas	%	Oil	%
Pictured Cliffs	1540	0.101798	0	0
Mesaverde	13588	0.898202	29	100
Total	15128		29	