

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

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

Form C-103
Revised March 25, 1999

WELL API NO. 30-045-23160
5. Indicate Type of Lease STATE FEE
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Mudge B (Also filed on BLM Form 3160-5 Federal Lease SF - 078096)
8. Well No. 15A
9. Pool name or Wildcat Blanco Pictured Cliffs & Mesaverde

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-21) 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 **P** **1150** feet from the **South** line and **815** feet from the **East** line

Section **08** Township **31N** Range **11W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
6060'

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 NMOCD 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:

Mudge B 15A

Downhole commingle Pictured Cliffs and Mesa

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", 2.27#, J-55 @ 2769') and visually inspect for potential hole and scale.
5. Tally OH with long string of tubing (2-3/8", 4.7#, J-55 @ 5034') 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 @ 2847'.
7. Cleanout fill to PBTD at 5333'.
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 @ +/- 5040'.
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 #15A

SE/4 Sec 8, T31N, R11W

6060' GL

History:

Spud: 4/23/1979

Completed: 10/8/1979

Completed as dual PC-MV producer

Pictured Cliffs Perfs

16 spf {
2697-2714
2714-2731
2738-2753
2760-2773

Mesa Verde Perfs

Cliffhouse	4284-4551	204 shots
	4614-4837	12 shots
P. Lookout	4903-5253	77 shots

PBTD: 5333'

Est. TOC @ surface (circ)

9-5/8" 36# K55 @ 222'
224 cu ft cmt

Est. TOC @ 2000'

Tubing: 1-1/4", 2.27#, J-55 @ 2769'

Production Packer @ 2847'

Top of 4-1/2" liner @ 2877'

7" 20#, K55 @ 3021'
400 cu ft cmt

Est. TOC @ TOL

Tubing: 2-3/8" 4.7#, J-55 @ 5034'

4-1/2" liner, 10.5#, K55 @ 5350'
433 cu ft cmt

Notes:

- 3/94 -- Completed Cliffhouse and reperforated Point Lookout. Squeezed perforations at 1220' and 1710'.

updated: 4/4/2001 DRA

Well: MUDGE B **No.:** 015A
Operator: AMOCO PRODUCTION CO **API:** 30-045-23160
Township: 31.0N **Range:** 11W **Section:** 8 **Unit:** P
County: San Juan

Year: 2000

Pool Name: BLANCO PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	1574	0	31	5120	1879701
February	0	1357	0	29	5120	1881058
March	0	1434	0	31	5120	1882492
April	0	1357	0	30	5120	1883849
May	0	1327	0	31	5120	1885176
June	0	1255	0	30	5120	1886431
July	0	1344	0	31	5120	1887775
August	0	1298	0	30	5120	1889073
September	0	1275	0	30	5120	1890348
October	0	1059	0	31	5120	1891407
November	0	1195	0	30	5120	1892602
December	0	1152	0	31	5120	1893754
Total	0	15627	0	365		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	254	0	31	5120	1894008
February	0	219	0	29	5120	1894227
March	0	232	0	31	5120	1894459
April	0	219	0	30	5120	1894678
May	0	214	0	31	5120	1894892
June	0	203	0	30	5120	1895095
July	0	217	0	31	5120	1895312
August	0	216	0	31	5120	1895528
September	0	206	0	30	5120	1895734
October	0	171	0	31	5120	1895905
November	0	193	0	30	5120	1896098
December	0	186	0	31	5120	1896284
Total	0	2530	0	366		

Year: 2001

Pool Name: BLANCO PICTURED CLIFFS (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	1088	0	31	5120	1897372
February	0	950	0	28	5120	1898322
March	0	1130	0	31	5120	1899452
Total	0	3168	0	90		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	176	0	31	5120	1899628
February	0	154	0	28	5120	1899782
March	0	182	0	31	5120	1899964
Total	0	512	0	90		

ALLOCATION				
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2000 Annual Production

Formation	Gas	%	Oil	%
Pictured Cliffs	15627	0.86066	0	
Mesaverde	2530	0.13934	0	
Total	18157			

Allocate on 2001 Production

2001 Production As of April 1

Formation	Gas	%	Oil	%
Pictured Cliffs	3168	0.555985	0	
Mesaverde	2530	0.444015	0	
Total	5698			