



State of New Mexico  
Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

Form C-107-A  
New 3-12-96

APPROVAL PROCESS:

Administrative ☐ Hearing ☐

EXISTING WELLBORE

☒ YES ☐ NO

**APPLICATION FOR DOWNHOLE COMMINGLING**

CONOCO, INC

P.O. BOX 2197 HOUSTON, TX 77252

Operator

Address

SAN JUAN 28-7

53  
Well No

L - 28 - 28N - 7W  
Unit Ltr - Sec - Twp - Rge

RIO ARRIBA  
County

OGRID NO 005073 Property Code 016608 API NO. 30-039-07300

Spacing Unit Lease Types (check 1 or more)  
Federal ☒ State ☐ (and/or) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	BASIN FRUITLAND COAL 71629	BLANCO PICTURED CLIFFS 72359	BLANCO MESAVERDE 72319
2. Top and Bottom of Pay Section (Perforations)	PROPOSED 3050' - 3245'	PROPOSED 3246' - 3404'	4838' - 5605'
3. Type of production (Oil or Gas)	GAS - EXPECTED	GAS - EXPECTED	GAS
4. Method of Production (Flowing or Artificial Lift)	EXPECTED TO FLOW	EXPECTED TO FLOW	FLOWING
5. Bottomhole Pressure	a. (Current) 1,167	a. 1,119	a. 540
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original) 1,167	b. 1,119	b. 1,250
6. Oil Gravity (° API) or Gas BTU Content	1,045	1,189	1,250
7. Producing or Shut-In?	TO BE COMPLETED	TO BE COMPLETED	PRODUCING
Production Marginal? (yes or no)	YES	YES	YES
* If Shut-In, give date and oil/gas/water rates of last production. Note: For new zones with no production history applicant shall be required to attach production estimates and supporting data.	Date Rates	Date Rates	Date Rates
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date Rates ESTIMATED 150-250 MCFD	Date Rates ESTIMATED 200-300 MCFD	Date Rates APPROX CURRENT 140 MCFD
8. Fixed Percentage Allocation Formula - % for each zone	Allocate by prod test Oil % Gas %	Allocate by prod test Oil % Gas %	Subtraction allocate Oil % Gas %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No ☐  
Have all offset operators been given written notice of the proposed downhole commingling? ☐ Yes ☐ No ☐
11. Will cross-flow occur? ☐ Yes ☒ No ☐ If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☒ Yes ☐ No ☐ (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No ☐
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No ☐ (If Yes, attach explanation)
14. If this well is on, or communitized with, state, or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No ☐
15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) \_\_\_\_\_
16. ATTACHMENTS:
- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
  - \* Production curve for each zone for at least one year. (If not available, attach explanation.)
  - \* For zones with no production history, estimated production rates and supporting data.
  - \* Data to support allocation method or formula.
  - \* Notification list all offset operators.
  - \* Notification list of all working, overriding, and royalty interests for uncommon interest cases.
  - \* Any additional statements, data, or documents required to support commingling

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

SIGNATURE

*Deborah Marberry*

TITLE REGULATORY ANALYST DATE 04/25/2000

TYPE OR PRINT NAME DEBORAH MARBERRY

TELEPHONE NO. ( ) (281)293-1005