

DHC

6/27/96

1312

Southern

Rockies

Business

Unit

June 3, 1996

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P. O. Box 6429  
Santa Fe, NM 87505

**Application for Exception to Rule 303-C - Downhole Commingling**  
**Gartner A #3A Well**  
**Unit D Section 33-T30N-R8W**  
**Blanco Pictured Cliffs and Blanco Mesaverde Pools**  
**San Juan County, New Mexico**

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners if the ownership of those formations is not common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

  
Pamela W. Staley

## Enclosures

cc: Hiep Vu  
Robert DeHererra  
Patty Haeferle  
Wellfile  
Proration File

Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

Duane Spencer  
Bureau of Land Management  
1235 La Plata Hwy.  
Farmington, NM 87401

DISTRICT I  
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

DISTRICT II  
811 South First St., Artesia, NM 88210-2835

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

☒ Administrative ☐ Hearing

DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410-1693

EXISTING WELLBORE  
☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company		P.O. Box 800	Denver, CO 80201
Operator		Address	
Gartner A	#3A	D-33-30N-8W	San Juan
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County
Spacing Unit Lease Types: (check 1 or more)			
OGRID NO.	Property Code	API NO.	Federal x , State , (and/or) Fee
000778	000589	30-045-22417	

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Pictured Cliffs 72359		Blanco Mesaverde 72319
2. Top and Bottom of Pay Section (Perforations)	3076'-3120'		4701'-5641'
3. Type of production (Oil or Gas)	GAS		GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
5. Bottomhole Pressure	(Current) 247 PSI	a.	a. 188 PSI
Oil Zones - Artificial Lift: Estimated Current			
Gas & Oil - Flowing: Measured Current	(Original) 964 PSI	b.	b. 1280 PSI
All Gas Zones: Estimated or Measured Original			
6. Oil Gravity (° API) or Gas BTU Content	1135 BTU		1191 BTU / 56 API
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		NO
• If Shut-In, give data and oil/gas/water rates of last production	Date: Rates:	Date: Rates:	Date: Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data			
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 04/03/96 Rates: 40 MCFD 0 BOPD 0 BWPD	Date: Rates:	Date: 04/03/96 Rates: 400 MCFD 0.014 BWPD 0.77 BOPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 9 %	Oil: % Gas %	Oil: 100 % Gas 91 %

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 SF-080597
15. NMOCD 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 of all offset operators.
  - \* Notification list of 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 Pamela W. Staley TITLE Regulatory Affairs Engineer DATE 6/3/96

TYPE OR PRINT NAME Pamela W. Staley TELEPHONE NO. ( 303 ) 830-5344

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-120  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

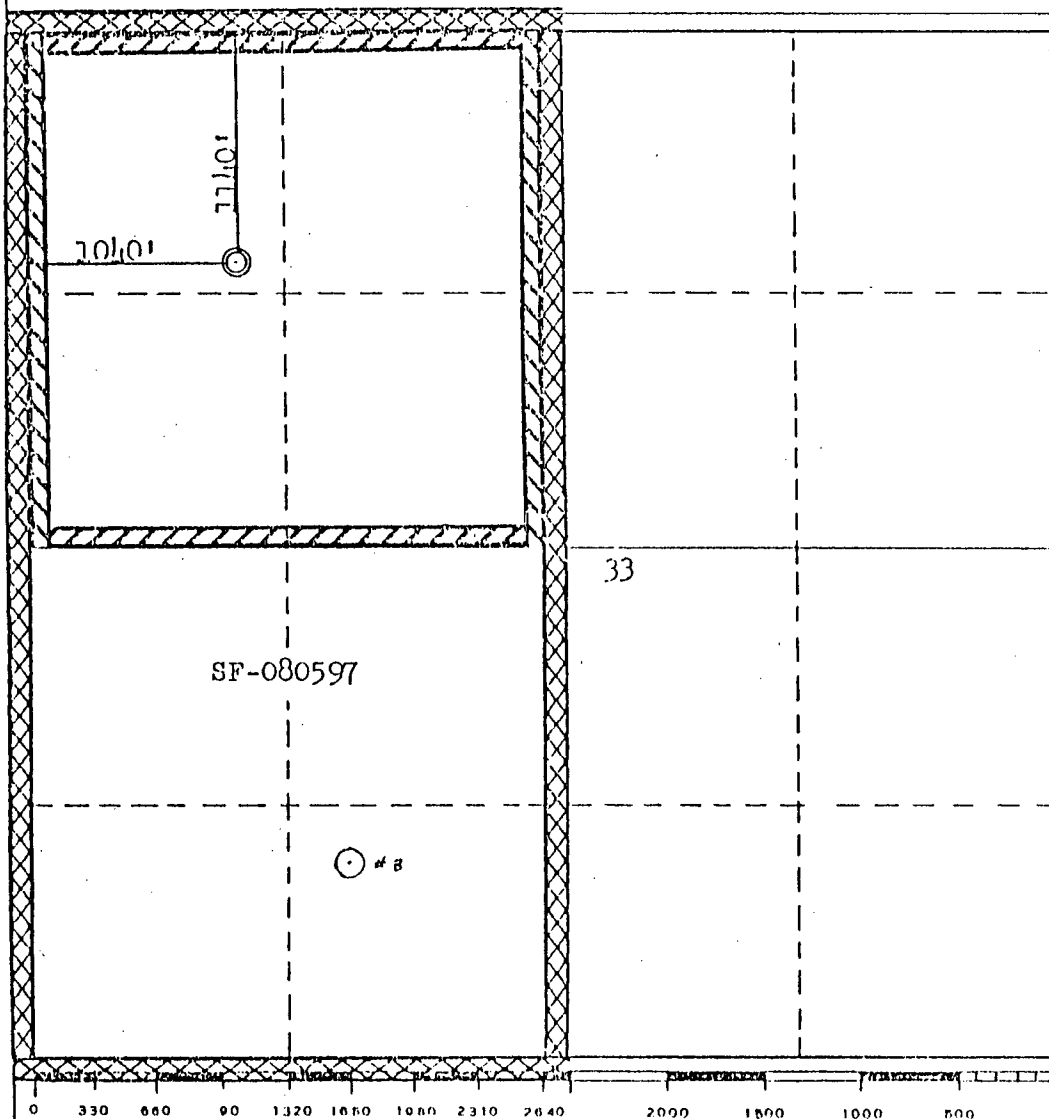
Operator <b>El Paso Natural Gas Company</b>			Lease <b>Gartner (SF-080597)</b>		Well No. <b>3A</b>
Unit Letter <b>D</b>	Section <b>33</b>	Township <b>30N</b>	Range <b>8W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1140</b> feet from the <b>North</b> line and <b>1040</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6338</b>	Producing Formation <b>PICTURED CLIFFS&amp;MESAVERDE</b>		Pool <b>BLANCO PICTURED CLIFFS EXT. BLANCO MESA VERDE</b>		Dedicated Acreage: <b>160.0 &amp; 320.0</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  
NOTE: THIS PLAT IS REISSUED TO SHOW DUAL COMPLETION. 4-6-77



CERTIFICATION

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

*A. G. Suics*

Name

Drilling Clerk

Position

**El Paso Natural Gas Company**

Company

**April 11, 1977**

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

**March 1, 1977**

Registered Professional Engineer and/or Land Surveyor

*Fred H. Kern, Jr.*

**Fred H. Kern, Jr.**

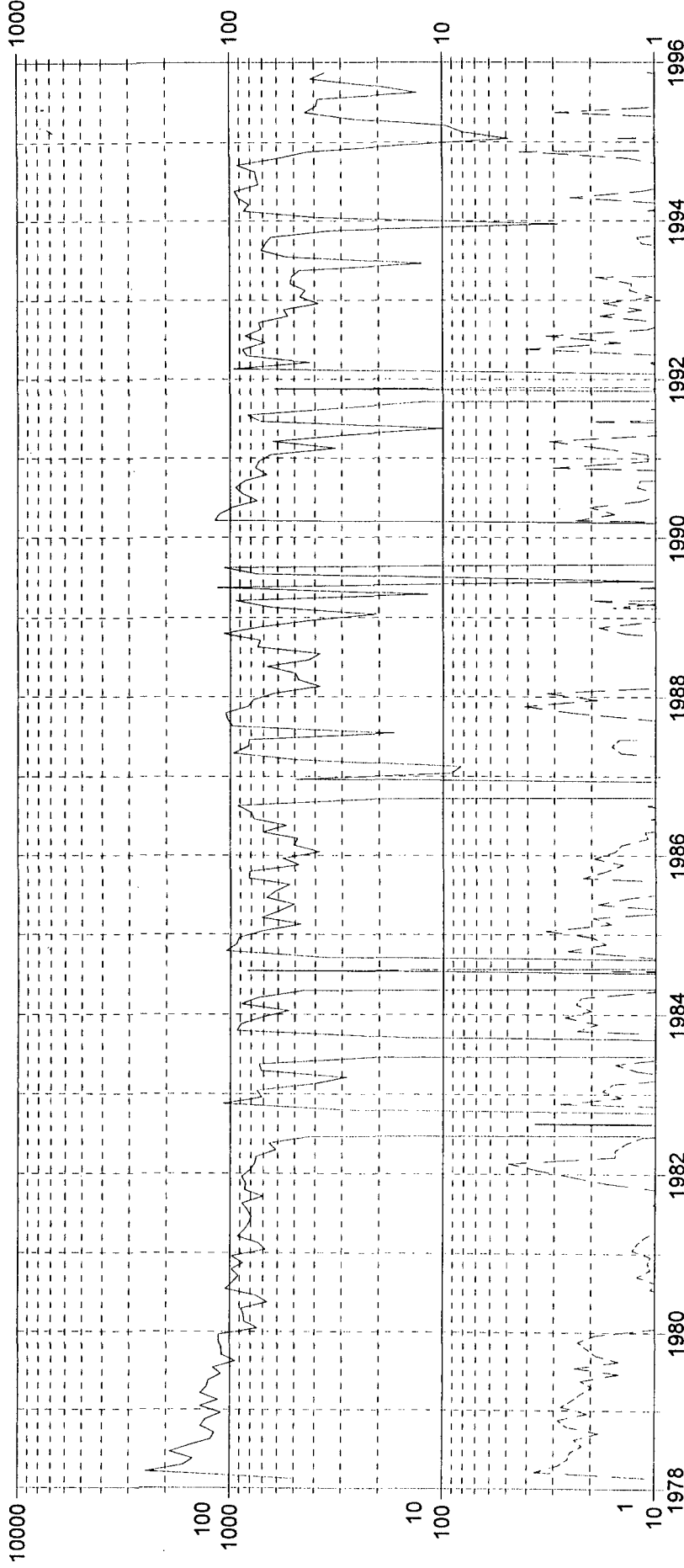
Certificate No.

**3950**

# Dwights

1000 Lease: GARTNER A 00003A

Retrieval Code: 251,045,30N08W33D00M



County: SAN JUAN

State: NM

F.P. Date: 02/78

Date: 03/27/96

Field: BLANCO (MESAVERDE) MV

Oil Cum: 7976 bbl

Reservoir: MESAVERDE

Gas Cum: 4248 mmcf

Water (bbl/day)

Operator: AMOCO PRODUCTION CO

Location: 33D 30N 8W

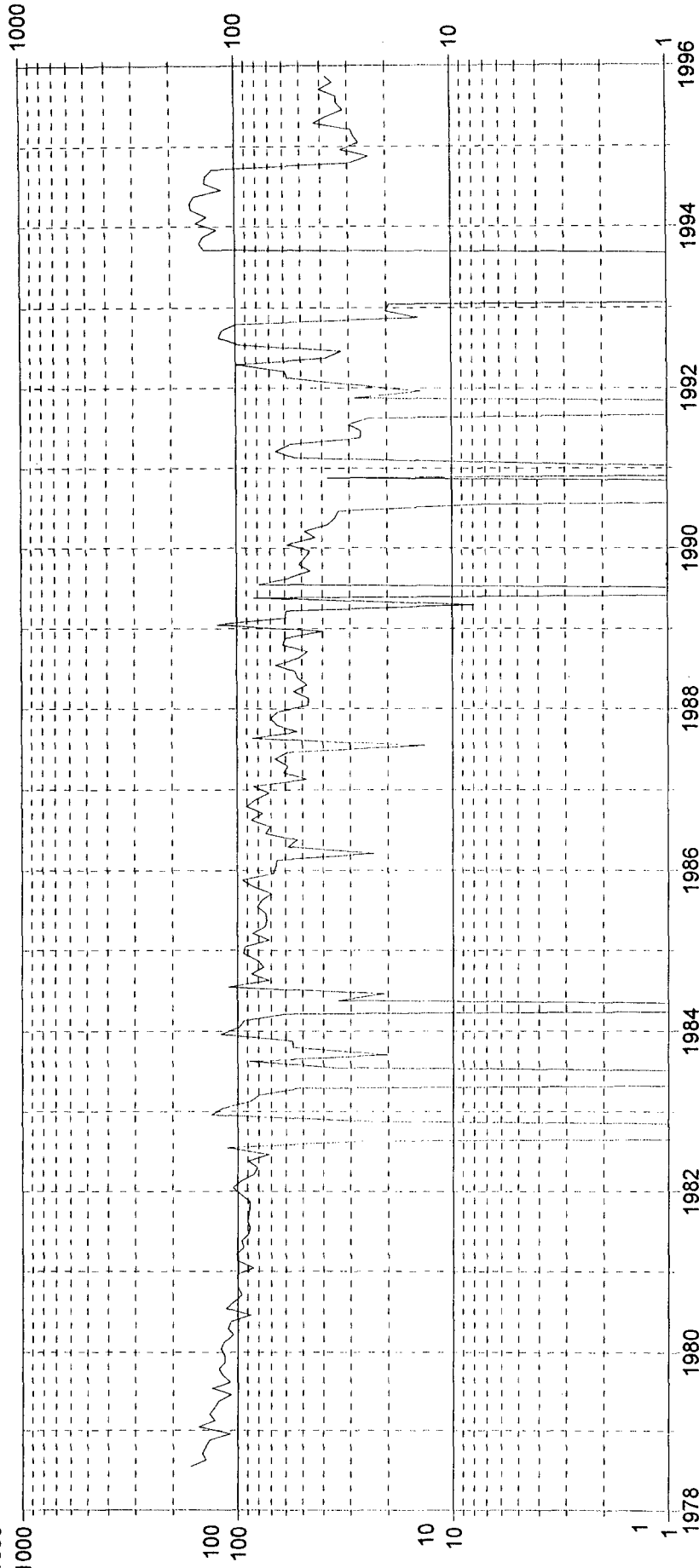
Gas (mcf/day)

Oil (bbl/day)

# Dwights

1000 Lease: GARTNER A 00003A

Retrieval Code: 251,045,30N08W33D00P



County: SAN JUAN

State: NM

F.P. Date: 07/78

Date: 03/27/96

Field: BLANCO (PICTURED CLIFFS) PC

Oil Cum: 0 bbl

Reservoir: PICTURED CLIFFS

Gas Cum: 441613 mcf

Water (bbl/day)

Operator: AMOCO PRODUCTION CO

Location: 33D 30N 8W

Gas (mcf/day)

Oil (bbl/day)

**OFFSET OPERATORS**  
**Gartner A #3A**

Meridian Oil, Inc.  
P.O. Box 4289  
Farmington, NM 87499

Dugan Production Corporation  
P.O. Box 420  
Farmington, New Mexico 87499