

DHC 5/12/97

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241 1980  
DISTRICT II  
811 South First St. Artesia NM 88210 2835  
DISTRICT III  
1000 Rio Brazos Rd. Aztec, NM 87410 1693

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. 10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

San Juan 28-7 110 K-19-T27N-R7W Rio Arriba

OGRID NO. 005073 Property Code 16608 API NO. 30-039-21732 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	Mesa Verde 72319		Dakota 71599
2. TOP and Bottom of Pay Section (Perforations)	5199' - 5484' OA		7239' - 7452'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Expected to be Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones:	a (Current) 800 psia	a.	a. 565 psia
	b(Original) 1192	b.	b. 2925
6. Oil Gravity (*API) or Gas BT Content	1325		1288
7. Producing or Shut-in?	To Be Completed		Producing
Production Marginal? (yes or no)	Yes		Yes
• If Shut-in give date and oil/gas/water rates of last production <small>Note For new zones with no production history applicant shall be required to attach production estimates and supporting data</small> • If Producing, date and oil/gas/water rates of recent test (within 60 days)	Date Rates	Date Rates	Date Rates
	Date Rates Incremental Production by Subtraction	Date Rates	Date Rates Mid-Year avg. rates - see table
8. Fixed Percentage Allocation Formula - % or each zone	Oil: % Gas %	Oil: % Gas %	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   
\* Conoco is offset operator to all San Juan 28-7 Unit wells.
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 others  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. 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 Jerry W. Hoover TITLE Sr. Conservation Coord DATE 1/27/97  
TYPE OR PRINT NAME Jerry W. Hoover TELEPHONE NO. (915) 686-6548



MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

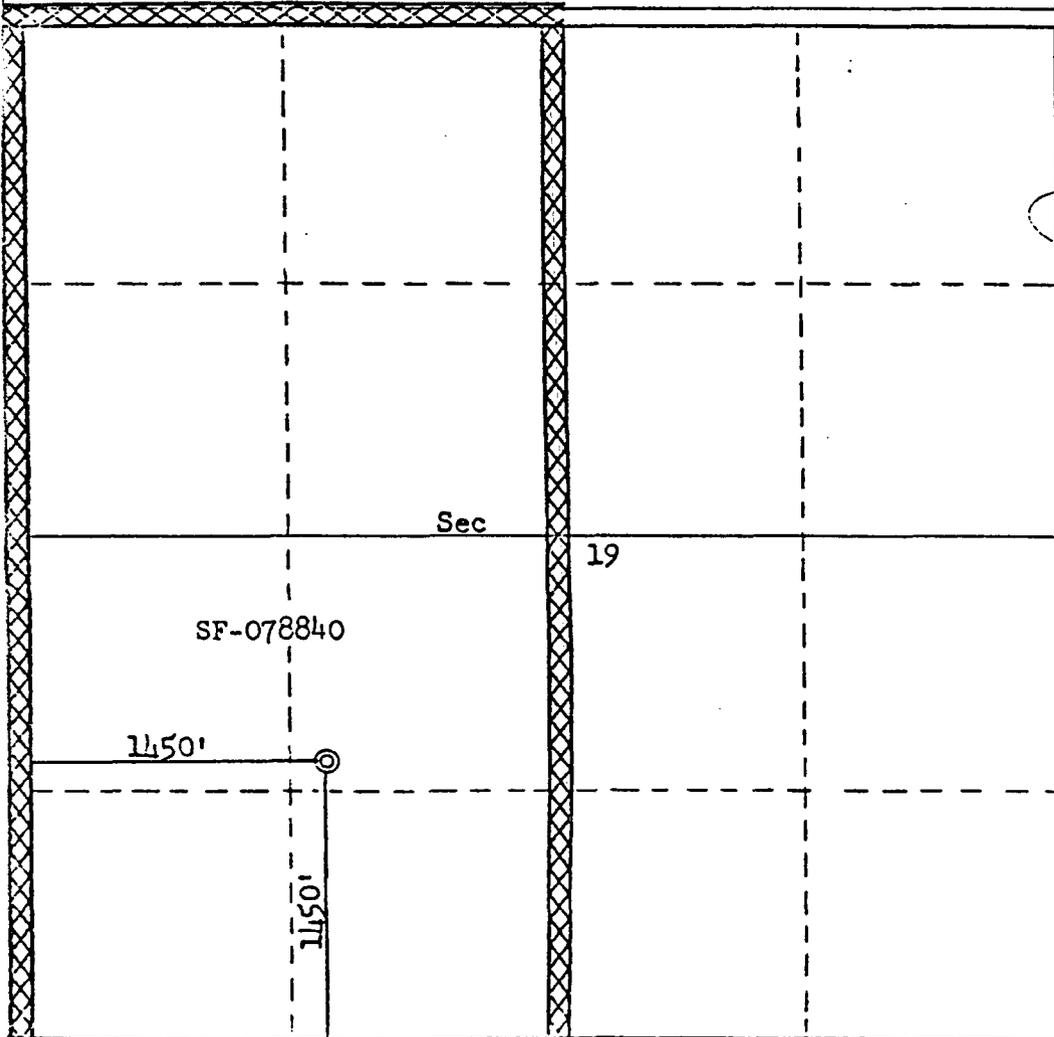
Operator <b>El Paso Natural Gas Company</b>		Lease <b>San Juan 28-7 Unit (SF-078840)</b>		Well No. <b>110</b>
Unit Letter <b>K</b>	Section <b>19</b>	Township <b>27N</b>	Range <b>7W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>1450</b> feet from the <b>South</b> line and <b>1450</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6568</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>321.15</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Unitization

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.



CERTIFICATION

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

*Regina Bradford*  
Name

Drilling Clerk  
Position

El Paso Natural Gas Co.  
Company

Date

April 10, 1978

Date Surveyed

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

February 23, 1978

Registered Professional Engineer  
and/or Licensed Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

North of

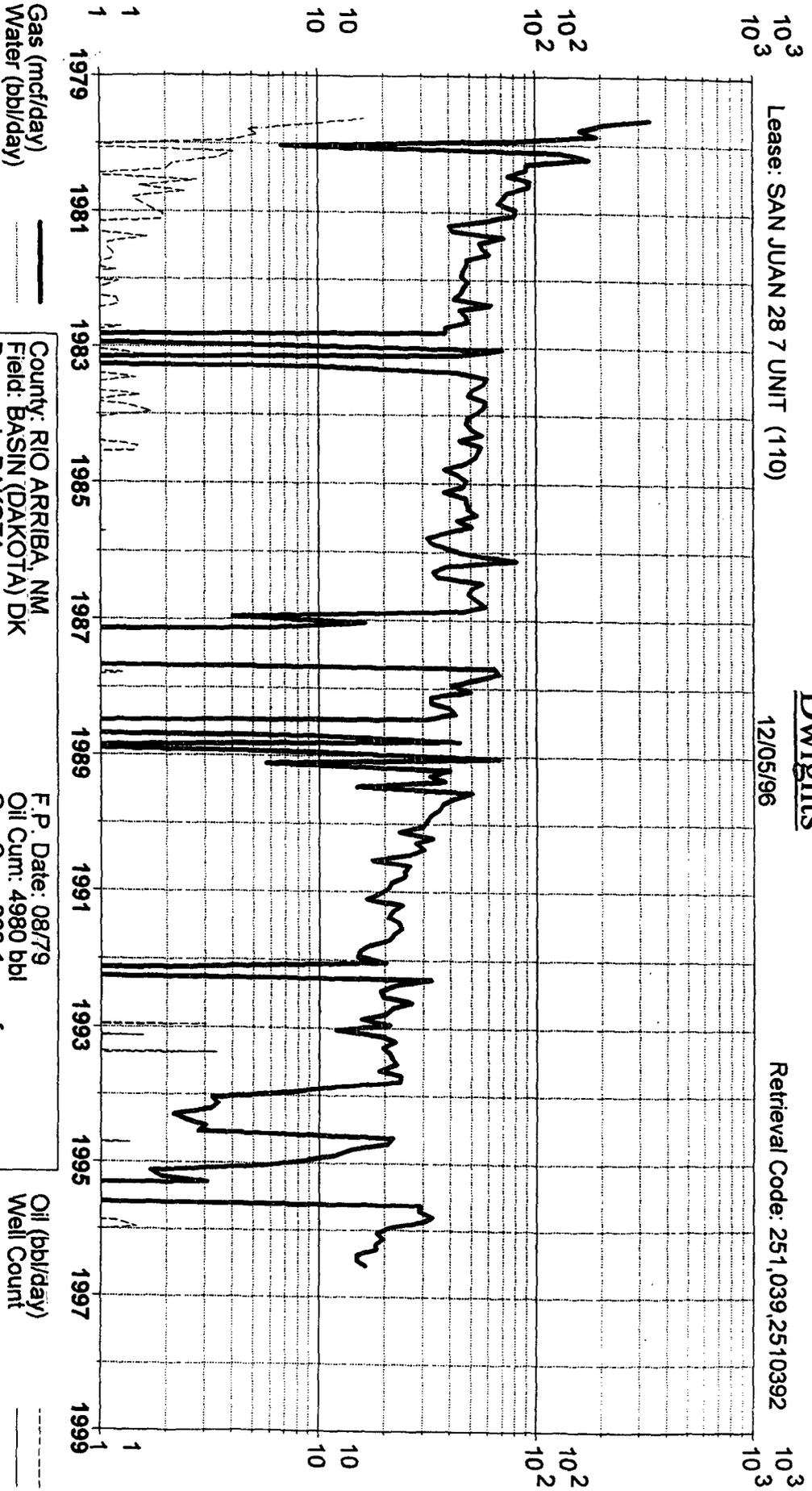
1950

# Dwights

Lease: SAN JUAN 28 7 UNIT (110)

12/05/96

Retrieval Code: 251,039,2510392



Gas (mcf/day)  
Water (bbl/day)

County: RIO ARRIBA, NM  
Field: BASIN (DAKOTA) DK  
Reservoir: DAKOTA  
Operator: CONOCO INC

F.P. Date: 08/79  
Oil Cum: 4980 bbl  
Gas Cum: 233.1 mmcf  
Location: 19K 27N 7W

Oil (bbl/day)  
Well Count