

BEFORE THE  
OIL CONSERVATION DIVISION

NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES

IN THE MATTER OF THE APPLICATION  
OF AMOCO PRODUCTION COMPANY FOR  
FOURTEEN UNORTHODOX INFILL  
CARBON DIOXIDE GAS WELL LOCATIONS,  
UNION COUNTY, NEW MEXICO.

CASE NO. 11499

**APPLICATION**

AMOCO PRODUCTION COMPANY, ("Amoco") by its undersigned attorneys, makes application to the Oil Conservation Division for an Order approving fourteen unorthodox infill carbon dioxide gas well locations, and in support thereof states:

1. Applicant is the operator of the Bravo Dome Carbon Dioxide Gas Unit ("BDCDGU") located in portions of Harding, Quay and Union Counties, New Mexico.
2. The BDCDGU is developed and operated in part pursuant to Special Rules and Regulations for the "Bravo Dome 640-acre Area" which were promulgated by Oil Conservation Division Order No. R-7556 dated June 19, 1984 ("the Special 640-acre Rules").
3. The Special 640-acre Rules provide for standard 640-acre spacing units consisting of a single governmental section (Rule 2), with wells located no nearer than 1650 feet to the outer boundary of the section and no nearer than 330 feet to any governmental quarter-quarter section line (Rule 4).
4. The Special 640-acre Rules permit the drilling of a well on each of the quarter sections in the unit (Rule 2) but provide that subsequent wells drilled on a 640-acre unit shall

be located no nearer than 1320 feet from any existing well drilling to or capable of producing from the Bravo Dome 640-acre Area (Rule 4).

5. Amoco seeks an exception to the provisions of Rule 4 of the Special Rules and Regulations for the Bravo Dome 640-acre Area for fourteen infill carbon dioxide gas wells which it proposes to drill to the Tubb formation in the Bravo Dome 640-acre Area in Union County, New Mexico as follows:

- A. BDCDGU - 2135 - Well No. 182  
4620' FSL and 660' FWL (Unit D)  
Section 18, Township 21 North, Range 35 East
- B. BDCDGU - 2234 - Well No. 232  
660' FS + WL (Unit M)  
Section 23, Township 22 North, Range 34 East
- C. BDCDGU - 1835 - Well No. 082  
660' FSL and 1980' FWL (Unit N)  
Section 8, Township 18 North, Range 35 East
- D. BDCDGU - 2234 - Well No. 262  
660' FSL and 560' FWL (Unit M)  
Section 26, Township 22 North, Range 34 East
- E. BDCDGU - 2134 - Well No. 243  
660' FSL and 4620' FWL (Unit P)  
Section 24, Township 21 North, Range 34 East
- F. BDCDGU - 2234 - Well No. 223  
4620' FSL and 385' FWL (Unit D)  
Section 22, Township 22 North, Range 34 East
- G. BDCDGU - 2234 - Well No. 212  
660' FS + WL (Unit M)  
Section 21, Township 22 North, Range 34 East

- H. BDCDGU - 2134 - Well No. 242  
4620' FS + WL (Unit A)  
Section 24, Township 21 North, Range 34 East
- I. BDCDGU - 1835 - Well No. 072  
1980' FS + WL (Unit K)  
Section 7, Township 18 North, Range 35 East
- J. BDCDGU - 2135 - Well No. 183  
660' FSL and 4620' FWL (Unit P)  
Section 18, Township 21 North, Range 35 East
- K. BDCDGU - 1835 - Well No. 162  
660' FSL and 4620' FWL (Unit P)  
Section 16, Township 18 North, Range 35 East
- L. BDCDGU - 1835 - Well No. 163  
4620' FSL and 1980' FWL (Unit C)  
Section 16, Township 18 North, Range 35 East
- M. BDCDGU - 2234 - Well No. 213  
4720' FSL and 660' FWL (Unit D)  
Section 21, Township 22 North, Range 34 East
- N. BDCDGU - 2234 - Well No. 222  
495' FSL and 660' FWL (Unit M)  
Section 22, Township 22 North, Range 34 East

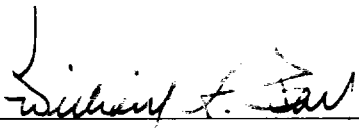
6. Approval of this application will afford Amoco the opportunity to produce its just and equitable share of the carbon dioxide gas from the Tubb formation and will otherwise be in the best interest of conservation, the protection of correlative rights and the prevention of waste.

WHEREFORE, Amoco Production Company requests that this application be set for hearing before a duly appointed Examiner of the Oil Conservation Division of March 21,

1996, and after notice and hearing as required by law, the Division enter its Order granting this application and providing such other relief as is proper.

Respectfully submitted,

CAMPBELL, CARR, BERGE  
& SHERIDAN, P.A.

By: 

WILLIAM F. CARR

Post Office Box 2208 \

Santa Fe, New Mexico 87504

Telephone: (505) 988-4421

ATTORNEYS FOR AMOCO  
PRODUCTION COMPANY