



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

July 2, 1996

**Amoco Production Company**  
**Permian Basin Business Unit**  
**P. O. Box 4891**  
**Houston, Texas 77210**  
**Attention: Perry Jarrell**

*Administrative Order NSL-3688(SD)*

Dear Mr. Jarrell:

Reference is made to your applications dated May 17, 1996 for seven unorthodox "infill" Bravo Dome carbon dioxide gas (CO<sub>2</sub>) well locations all within existing standard 640-acre, more or less, gas spacing and proration units for said Bravo Dome Carbon Dioxide (640-acre) Gas Pool in its Bravo Dome Carbon Dioxide Gas Unit (BDCDGU), Union County, New Mexico:

(a) all of Section 30, Township 21 North, Range 35 East, NMPM, comprising 634.56 acres, which is currently dedicated to the BDCDGU "2135" Well No. 301 (API No. **30-059-20321**), located at a standard CO<sub>2</sub> gas well location 2022 feet from the North line and 1964 feet from the West line (Unit F) of said Section 30, is to be simultaneously dedicated to said Well No. 301 and to the proposed BDCDGU "2135" Well No. 302 (API No. **30-059-20363**) to be drilled at an unorthodox CO<sub>2</sub> gas well location 482 feet from the South line and 255 feet from the West line (Lot 4/Unit M) of said Section 30;

(b) all of Section 28, Township 22 North, Range 34 East, NMPM, comprising 640 acres, which is currently dedicated to the BDCDGU "2234" Well No. 281 (API No. **30-059-20334**), located at a standard CO<sub>2</sub> gas well location 1700 feet from the North line and 1924 feet from the East line (Unit G) of said Section 28, is to be simultaneously dedicated to said Well No. 281 and to the proposed BDCDGU "2234" Well No. 282 (API No. **30-059-20364**) to be drilled at an unorthodox CO<sub>2</sub> gas well location 862 feet from the South line and 372 feet from the East line (Unit P) of said Section 28;

(c) all of Section 23, Township 18 North, Range 35 East, NMPM, comprising 640 acres, which is currently dedicated to the BDCDGU "1835" Well No. 231 (API No. **30-059-20281**), located at a standard CO<sub>2</sub> gas well location 1650 feet from the South and East lines (Unit J) of said Section 23, is to be simultaneously dedicated to said Well No. 231 and to the proposed BDCDGU "1835" Well No. 232 (API No. **30-059-20359**)

to be drilled at an unorthodox CO<sub>2</sub> gas well location 204 feet from the North line and 1195 feet from the West line (Unit D) of said Section 23;

(d) all of Section 20, Township 21 North, Range 35 East, NMPM, comprising 640 acres, which is currently dedicated to the BDCDGU "2135" Well No. 201 (**API No. 30-059-20320**), located at a standard CO<sub>2</sub> gas well location 1985 feet from the North line and 1942 feet from the West line (Unit F) of said Section 20, is to be simultaneously dedicated to said Well No. 201 and to the proposed BDCDGU "2135" Well No. 202 (**API No. 30-059-20362**) to be drilled at an unorthodox CO<sub>2</sub> gas well location 1173 feet from the South line and 176 feet from the West line (Unit M) of said Section 20;

(e) all of Section 34, Township 22 North, Range 34 East, NMPM, comprising 640 acres, which is currently dedicated to the BDCDGU "2234" Well No. 341 (**API No. 30-059-20341**), located at a standard CO<sub>2</sub> gas well location 2120 feet from the North line and 2206 feet from the East line (Unit G) of said Section 34, is to be simultaneously dedicated to said Well No. 341 and to the proposed BDCDGU "2234" Well No. 342 (**API No. 30-059-20365**) to be drilled at an unorthodox CO<sub>2</sub> gas well location 500 feet from the South line and 200 feet from the East line (Unit P) of said Section 34;

(f) all of Section 13, Township 21 North, Range 34 East, NMPM, comprising 640 acres, which is currently simultaneously dedicated to the BDCDGU "2134" Well No. 131 (**API No. 30-059-20313**), located at a standard CO<sub>2</sub> gas well location 1981 feet from the North line and 2015 feet from the East line (Unit G) of said Section 13 and to the BDCDGU "2134" Well No. 132 (**API No. 30-059-20349**), located at a previously approved unorthodox "infill" CO<sub>2</sub> gas well location (approved by Division Order No. R-10576 issued in Case No. 11497 and dated April 1, 1996) 660 feet from the South and East lines (Unit P) of said Section 13, is to be simultaneously dedicated to said Well Nos. 131 and 132 and to the proposed BDCDGU "2134" Well No. 133 (**API No. 30-059-20360**) to be drilled at an unorthodox CO<sub>2</sub> gas well location 1158 feet from the South line and 515 feet from the West line (Unit M) of said Section 13; and,

(g) all of Section 24, Township 21 North, Range 34 East, NMPM, comprising 640 acres, which is currently simultaneously dedicated to the BDCDGU "2134" Well No. 241 (**API No. 30-059-20314**), located at a standard CO<sub>2</sub> gas well location 2018 feet from the North line and 1962 feet from the West line (Unit F) of said Section 24 and to the BDCDGU "2134" Well No. 242 (**API No. 30-059-20350**), located at a previously approved unorthodox "infill" CO<sub>2</sub> gas well location (approved by said

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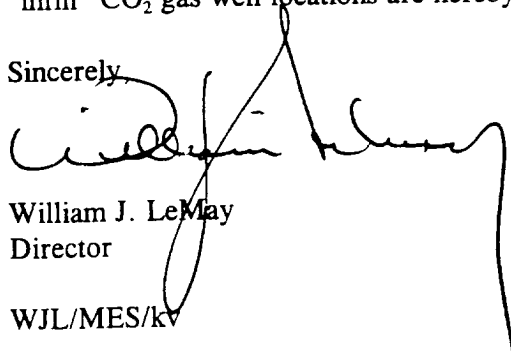
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Order No. R-10576) 660 feet from the South and East lines (Unit P) of said Section 24, is to be simultaneously dedicated to said Well Nos. 241 and 242 and to the proposed BDCDGU "2134" Well No. 243 (API No. 30-059-20361) to be drilled at an unorthodox CO<sub>2</sub> gas well location 600 feet from the South line and 250 feet from the West line (Unit M) of said Section 24.

By authority granted me under the provisions of Rule 5 of the "*Special Rules and Regulations for the Bravo dome 640-Acre Area*", as promulgated by Division Order No. R-7556, dated June 19, 1984, Decretory Paragraph No. (4) of said Order No. R-10576, and Division General Rule 104.F(2) the above-described (a) BDCDGU "2135" Well No. 302, (b) BDCDGU "2234" Well No. 282, (c) BDCDGU "1835" Well No. 232, (d) BDCDGU "2135" Well No. 202, (e) BDCDGU "2234" Well No. 342, (f) BDCDGU "2134" Well No. 133, and (g) BDCDGU "2134" Well No. 243, all to be drilled at unorthodox "infill" CO<sub>2</sub> gas well locations are hereby approved.

Sincerely,



William J. LeMay  
Director

WJL/MES/kv

cc: Roy Johnson, Geologist - Oil Conservation Division, Santa Fe ✓  
New Mexico State Land Office - Santa Fe  
File: Case 11497  
Billy E. Prichard, Field Foreman (Amoco) - Clayton, New Mexico