



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

TONEY ANAYA  
GOVERNOR

September 14, 1984

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mr. Clyde Mote  
Amoco Production Company  
P. O. Box 3092  
Houston, Texas 77253

Re: CASE NO. 8289  
ORDER NO. R-6446-C

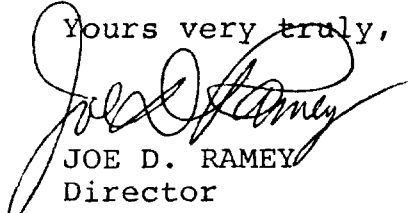
Applicant:

OCD

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Commission order recently entered in the subject case.

Yours very truly,

  
JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD x  
Artesia OCD x  
Aztec OCD                     

Other William F. Carr

CAMPBELL & BLACK, P.A.

LAWYERS

JACK M. CAMPBELL  
BRUCE D. BLACK  
MICHAEL B. CAMPBELL  
WILLIAM F. CARR  
BRADFORD C. BERGE  
J. SCOTT HALL  
PETER N. IVES  
RUTH S. MUSGRAVE  
LOURDES A. MARTINEZ

JEFFERSON PLACE  
SUITE 1 - 110 NORTH GUADALUPE  
POST OFFICE BOX 2208  
SANTA FE, NEW MEXICO 87501  
TELEPHONE: (505) 988-4421  
TELECOPIER: (505) 983-6043

August 28, 1984

RECEIVED

AUG 28 1984

OIL CONSERVATION DIVISION

Mr. Joe D. Ramey, Director  
Oil Conservation Division  
New Mexico Department of Energy  
and Minerals  
Post Office Box 2088  
Santa Fe, New Mexico 87501

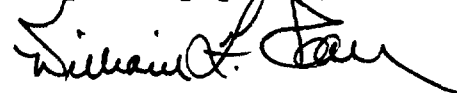
Re: Oil Conservation Commission Case 8289: Amoco Production  
Company - Four-Year Review of Operations, Bravo Dome  
Carbon Dioxide Gas Unit, Harding, Union and Quay  
Counties, New Mexico.

Dear Mr. Ramey:

Pursuant to your request, we enclose herewith a proposed  
Order in the above-referenced case.

If you need anything further from Amoco to proceed with  
this matter, please advise.

Very truly yours,



William F. Carr

WFC/cv  
enclosure

cc: Mr. Clyde Mote

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION FOR THE PURPOSE OF  
CONSIDERING:

*Roll*  
*SPQ*  
*M.S.*

Case No. 8289  
Order No. R-6446-C

IN THE MATTER OF CASE 8289 BEING  
CALLED BY THE OIL CONSERVATION  
COMMISSION ON ITS OWN MOTION  
PURSUANT TO THE PROVISIONS OF  
DIVISION ORDER R-6446-B WHICH  
APPROVED THE BRAVO DOME CARBON  
DIOXIDE GAS UNIT AGREEMENT, TO  
PERMIT AMOCO PRODUCTION COMPANY  
THE OPERATOR OF SAID UNIT, TO RE-  
VIEW OPERATIONS AND DEMONSTRATE TO  
THE COMMISSION THAT ITS OPERATIONS  
WITHIN THE UNIT ARE RESULTING IN  
THE PREVENTION OF WASTE AND THE  
PROTECTION OF CORRELATIVE RIGHTS  
ON A CONTINUING BASIS, HARDING,  
UNION AND QUAY COUNTIES, NEW MEXICO.

RECEIVED  
AUG 28 1984  
OIL CONSERVATION DIVISION

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on August 3, 1984, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, this \_\_\_\_\_ day of \_\_\_\_\_, 1984, the Commission, a quorum being present, having considered the testimony, the record and the exhibits, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by

law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That on January 23, 1981, the Commission entered Order No. R-6446-B which granted the application of Amoco Production Company, ~~hereinafter~~ referred to as "Amoco", for approval of the Bravo Dome Carbon Dioxide Gas Unit, ~~hereinafter~~ referred to as "the unit", located in Union, Harding and Quay Counties, New Mexico.

(3) (a) That Order R-6446-B provided, among other things: (a) "That the operator of said unit shall be required to periodically demonstrate to the Commission that its operations within the unit are resulting in the prevention of waste and the protection of correlative rights on a continuing basis." (b) "That such demonstration shall take place at a public hearing held at least every four years following the effective date of the unit or at such lesser intervals as the Commission may require."

(4) That the unit became effective on November 1, 1980.

~~(5) That at the time of hearing, Amoco, the operator of the unit, appeared and reviewed its operations within the unit area.~~

~~(6) That the evidence showed that the unit is located in a remote area in Northeast New Mexico.~~

(5)(X) That since the effective date of the unit, Amoco, as unit operator, has:

- (a) drilled 269 additional wells within the unit area;
- (b) located the new wells which it has drilled throughout the unit area; and
- (c) conducted additional flow tests to assist in

determining the optimum methods of developing the unit;

(d) has constructed a dehydration and compression facility;

(e) installed gathering lines; and

(f) drilled salt water disposal wells within the unit area.

(6)(b) The evidence showed that at the time of the hearing, Amoco had:

(a) commenced the installation of additional dehydration and compression facilities;

(b) commenced the installation of additional gathering lines;

(c) commenced drilling of 31 additional wells; and

(d) a capital outlay in the project in excess of \$150 million dollars.

(7)(b) The evidence showed production commenced from the Unit to the Rosebud Pipeline on April 2, 1984 and that Bravo Pipeline System, a common carrier line, had commenced constructing an additional pipeline to transport additional carbon dioxide to markets in the Permian Basin in Southeast New Mexico and West Texas.

(8)(10) The evidence showed that unit operations have: (a) reduced the number of surface facilities required to produce carbon dioxide in the unit; (b) resulted in efficient central facilities design and gathering system location; (c) reduced well operating costs which <sup>should</sup> result in a longer economic well life for the wells in the unit thereby maximizing recovery of carbon

dioxide from the unit area.

(9)(11) That unit operations have resulted in efficient, orderly and economical exploration of the unit area and economical production, field gathering and treatment of carbon dioxide within the unit thereby preventing surface and underground waste of carbon dioxide.

(10)(12) That Order No. R-6446-B found the method of sharing the income from production from the unit to be reasonable and appropriate at that time and further found that approval of the proposed unit should promote the protection of correlative rights within the unit area.

(11)(13) That for the interest owners in the unit area to derive the benefits of unitization and for their correlative rights to be protected, Amoco, as unit operator, must develop the carbon dioxide ~~within~~ <sup>throughout</sup> the unit area in a prudent and expeditious manner.

(12)(14) That the evidence established that since unitization became effective, numerous wells have been drilled throughout the unit area and that the present plans for development included ~~additional development drilling~~ of additional wells.

(13)(15) That in addition to the ~~additional~~ drilling done since unitization, Amoco has performed substantial amounts of seismic work and that 500 miles of additional seismic lines have been authorized within the unit area.

(14)(16) That as the additional drilling, seismic work and core analysis is performed by Amoco, the interpretation of the Tubb reservoir in this area continues to change.

(15) 17) That Amoco obtained an order from the Commission changing the spacing within part of the unit area to protect the interests of certain uncommitted royalty interest owners.

(16) 18) That Amoco is carrying out its duties as unit operator of the Bravo Dome Carbon Dioxide Gas Unit in a prudent and expeditious manner and that its actions within the unit area are resulting in the protection of the correlative rights of interest owners within the unit on a continuing basis.

See under  
ordering paragraphs  
(17) That in accordance with orders (4) and (5) of said Order No R-6446-B, this case should be reopened for additional testimony at a hearing ~~at~~ during or before August, 1988.

continuing basis. and for the purpose of the Commission hearing during before August, 1988.

(3) That jurisdiction of this case is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico on the day and year hereinabove designated.

(2) That this case shall be reopened for additional testimony at a hearing during or before August, 1988.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JIM BACA, Member

ED KELLEY, Member

JOE D. RAMEY, Member and  
Secretary

S E A L