

BEFORE THE OIL CONSERVATION DIVISION
OF THE ENERGY AND MINERALS DEPARTMENT
STATE OF NEW MEXICO

APPLICATION OF THE PETROLEUM)
CORPORATION OF DELAWARE)
FOR SIMULTANEOUS DEDICATION)
EDDY COUNTY, NEW MEXICO)

FEB 29 1988

OIL CONSERVATION DIVISION

APPLICATION FOR HEARING

Case 9392

COMES NOW the undersigned, as attorney on behalf of The Petroleum Corporation of Delaware and files this written Application for Hearing to be set on the docket for March 30, 1988. In connection therewith, the undersigned, on behalf of The Petroleum Corporation of Delaware, submits the following data:

1. Name of Applicant: The Petroleum Corporation of Delaware.

2. Area Affected by the Order Sought:

Township 20 South, Range 29 East, N.M.P.M.
Eddy County, New Mexico

Section 6: S $\frac{1}{2}$

containing 320 acres, more or less.

3. General Nature of Order Sought: Applicant seeks authority for the simultaneous dedication of the above described lands in connection with two wells. Applicant has heretofore drilled and there is existing on the above described lands Applicant's Superior Federal No. 6 Well which well is located at an orthodox location in the SW $\frac{1}{4}$ of said Section 6. Applicant desires to drill Applicant's Superior Federal No. 7 Well to be located at an orthodox location in the SE $\frac{1}{4}$ of said Section 6 to test the Morrow Formation expected to be encountered at approximately 11,800 feet beneath the surface. Applicant therefore seeks authority for the simultaneous dedication of its Superior Federal No. 6 and its Superior Federal No. 7 wells to said S $\frac{1}{2}$ Section 6, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

4. Other Matters to be Noted in Connection with Order Sought:

The lands described above, which are the subject of this Application are located in the Burton Flat Pool of Eddy County, New Mexico.

The granting of the Application sought herein is in the interest of conservation, protection of correlative rights and prevention of waste.

Dated this 26th day of February, 1988.

Respectfully submitted,

HINKLE, COX, EATON,
COFFIELD & HENSLEY

By: 

Conrad E. Coffield
Post Office Box 3580
Midland, Texas 79702

Attorneys for The Petroleum
Oil Corporation of Delaware

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF THE PETROLEUM)
CORPORATION OF DELAWARE)
FOR SIMULTANEOUS DEDICATION)
AND AMENDMENT OF ADMINIS-)
TRATIVE ORDER NO. NSP-1290,)
EDDY COUNTY, NEW MEXICO)

Case No. 9342

AMENDED APPLICATION

The undersigned, as attorney for The Petroleum Corporation of Delaware, files this Amended Application to be set on the hearing docket for April 27, 1988. In connection therewith, the undersigned, on behalf of The Petroleum Corporation of Delaware, submits the following data:

1. Name of Applicant: The Petroleum Corporation of Delaware.

2. Area Affected by the Relief Sought:

Township 20 South, Range 29 East, N.M.P.M.

(Eddy County, New Mexico)

Section 6: S $\frac{1}{2}$

containing 299.84 acres, more or less.

3. General Nature of The Relief Sought:

(a) Applicant is the operator of the Superior Federal Well No. 6 located in the SW $\frac{1}{4}$ of Section 6, which is completed in and is producing from the East Burton Flat-Morrow Gas Pool and the East Burton Flat-Strawn Gas Pool.

(b) The Superior Federal Well No. 6 is the subject of Administrative Order No. NSP-1290 as to the Morrow pool.

(c) Applicant seeks the amendment of NSP-1290 to include the Strawn pool.

(d) Applicant proposes to drill its Superior Federal Well No. 7 in the SE $\frac{1}{4}$ of Section 6, at a standard location, to test the Strawn and Morrow formations.

(e) The primary target of the Superior Federal Well No. 7 is the Strawn formation, but the well may be completed in the Morrow formation.

(f) Applicant seeks authority to simultaneously dedicate production from the subject Morrow and Strawn pools in the S $\frac{1}{2}$ of said Section 6 to the Superior Federal Well Nos. 6 and 7.

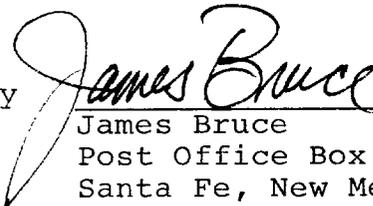
(g) A hearing on this matter was held on March 30, 1988, and this Amended Application is being filed to correct the original Application, and notice given thereunder.

The granting of this Amended Application will result in the recovery of additional reserves, and is in the interests of conservation, the protection of correlative rights, and the prevention of waste.

Dated this 30th day of March, 1988.

Respectfully submitted,

HINKLE, COX, EATON,
COFFIELD & HENSLEY

By  _____
James Bruce
Post Office Box 2068
Santa Fe, New Mexico 87504-2068
(505) 982-4554

Attorneys for The Petroleum
Oil Corporation of Delaware

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF THE PETROLEUM)
CORPORATION OF DELAWARE FOR)
DOWNHOLE COMMINGLING, THE)
AMENDMENT OF ORDER NO. R-7269, AND)
THE AMENDMENT OF ADMINISTRATIVE) Case No. 9342
ORDER NO. NSP-1290, EDDY)
COUNTY, NEW MEXICO.)

SECOND AMENDED APPLICATION

The Petroleum Corporation of Delaware files this Second Amended Application requesting downhole commingling, the amendment of Order No. R-7269, and the amendment of Administrative Order No. NSP-1290, and in support thereof states:

Downhole Commingling and Amendment of Order No. R-7269:

1. Applicant is the operator of the Superior Federal Well No. 6, located at a legal location in the S $\frac{1}{2}$ of Section 6, Township 20 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

2. By Order No. R-7269, entered April 25, 1983, the Division approved a conventional dual completion of the Superior Federal Well No. 6 to produce gas from the Strawn formation through the casing-tubing annulus, and gas from the Morrow formation through the tubing.

3. In May 1987 the Superior Federal Well No. 6 was recompleted, resulting in one of the producing zones being in the Atoka formation.

4. As a result, the Superior Federal Well No. 6 is completed in and is producing from the East Burton Flat-Morrow Gas Pool, the East Burton Flat-Atoka Gas Pool, and the East Burton Flat-Strawn Gas Pool.

5. Applicant requests permission to downhole commingle production from the Morrow and Atoka formations, and to permit such commingled production to be produced through the tubing, and that Order No. R-7269 be amended accordingly.

6. Applicant requests that it be relieved from the requirement of separately testing production from the Morrow and Atoka formations.

7. The information required by Division Rule 303 will be submitted prior to hearing.

WHEREFORE, Applicant requests the Division to enter its Order: (a) permitting the downhole commingling of production from the Morrow and Atoka formations; (b) allowing said commingled production to be produced through the tubing of the Superior Federal Well No. 6, and that Order No. R-7269 be amended accordingly; and (c) that this Order be made effective retroactively to May 1987.

Amendment of Administrative Order NSP-1290:

8. The S $\frac{1}{2}$ of Section 6, containing 299.84 acres, is dedicated to the Superior Federal Well No. 6.

9. The Superior Federal Well No. 6 is the subject of Administrative Order No. NSP-1290 as to the Morrow pool.

10. Applicant requests that Administrative Order No. NSP-1290 be amended to include the Strawn pool and the Atoka pool.

WHEREFORE, Applicant requests the Division to enter its Order amending Administrative Order No. NSP-1290 to include the Strawn and Atoka pools.

Dismissal of Simultaneous Dedication Application:

11. Applicant originally proposed to drill its Superior Federal Well No. 7 in the SE $\frac{1}{4}$ of Section 6, at a standard location, to test the Strawn and Morrow formations, and that said well be simultaneously dedicated to the S $\frac{1}{2}$ Section 6 unit.

12. Applicant hereby requests that the portion of its prior Application requesting approval of simultaneous dedication be dismissed without prejudice.

WHEREFORE, Applicant requests the Division to enter its Order dismissing the simultaneous dedication portion of its prior Application.

13. The granting of this Second Amended Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

Dated this 11th day of April, 1989.

HINKLE, COX, EATON, COFFIELD &
HENSLEY

By


James Bruce
500 Marquette, N.W.
Suite 740
Albuquerque, New Mexico 87102
(505) 768-1500

Attorneys for The Petroleum
Corporation of Delaware