

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY AND MINERALS
OIL CONSERVATION COMMISSION

RECEIVED

JUL 23 1990

OIL CONSERVATION DIV.
SANTA FE

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

CASE NO. 10061

APPLICATION OF CHEVRON U.S.A., INC.,
FOR POOL EXTENSION AND CONTRACTION,
LEA COUNTY, NEW MEXICO

A P P L I C A T I O N

CHEVRON U.S.A., INC., by and through its
attorneys, KELLAHIN, KELLAHIN & AUBREY, hereby applies to
the New Mexico Oil Conservation Division for pool extension
and contraction, Lea County, New Mexico as follows:

1. The Applicant, Chevron U.S.A., Inc., as
operator of the Eunice Monument South Unit, has received
pool extension and contraction for the original unit area,
as shown in Division Order R-7767 attached, and now seeks
the same for Unit Expansion Area B with horizontal limits
including that acreage identified as Unit Expansion Area B
as shown on Exhibit "A" attached to this Application.

2. The Applicant seeks the upward extension of the vertical limits of the Eunice-Monument Pool to include either the top of the Grayburg formation or to a subsea datum of minus 100 feet, whichever is higher, and the concomitant amendment of the vertical limits of the Eumont Gas Pool by contracting its lower limits to either the base of the Queen formation or to a subsea datum of minus 100 feet, whichever is higher, underlying said unit.

3. The proposed amendment of pool vertical limits is necessary to permit the Applicant to successfully carry out secondary recovery operations within the full oil column underlying said unit and said Unit Expansion Area B.

4. Grant this Application will serve to prevent waste and will not violate correlative rights.

5. Within the entire area designated as the Eunice Monument South Unit Area including the Expansion Area B, as shown on Exhibit "A" attached hereto, the vertical limits of the Eumont Gas Pool are to be amended to be from the top of the Yates formation to a lower unit described as the base of the Queen formation or 100 feet below mean sea level, whichever is higher; the geologic markers having been previously found to occur at 2,747 feet and 3,666 feet, respectively, in Continental Oil Company's No. 23 Meyer B-4 Well (located at 660 feet from the South line and 1,980 feet

from the East line of Section 4, Township 21 South, Range 36 East, Lea County, New Mexico) as recorded on the Welex Acoustic Velocity Log taken on October 30, 1962, said log being measured from a kelly drive bushing elevation of 3,595 feet above sea level.

6. Within the Unit Expansion Area and within the entire area designated as the Eunice Monument South Unit Area, as shown on Exhibit "A" attached hereto, the vertical limits of the Eunice Monument Oil Pool are to be from a upper limit described as 100 feet below mean sea level or at the top of the Grayburg formation, whichever is higher, to a lower limit at the base of the San Andres formation; the geologic markers having been previously found to occur at 3,666 feet and 5,283 feet, respectively, in Continental Oil Company's No. 23 Meyer B-4 Well (located at 660 feet from the South line and 1980 feet from the East line of Section 4, Township 21 South, Range 36 East, Lea County, New Mexico) as recorded on the Welex Acoustic Velocity Log taken on October 30, 1962, said log being measured from a kelly drive bushing elevation of 3,595 feet above sea level.

7. The effective date of this amended order for Expansion of the Eunice Monument South Unit to include Area B and the changes to vertical limits included herein for said Area B shall be the same date used for the effective date of the statutory unitization of the expansion area.

8. Notice of this Application has been sent in accordance with Division notice rules as set forth on Exhibit "B" attached hereto.

Respectfully submitted,

KELLAHIN, KELLAHIN & AUBREY

By: 

W. Thomas Kellahin
Post Office Box 2265
Santa Fe, New Mexico 87504
(505) 982-4285

ATTORNEYS FOR CHEVRON U.S.A., INC.

EXHIBIT "A"

LEA COUNTY, NEW MEXICO

ORIGINAL UNIT AREA A

TOWNSHIP 20 SOUTH, RANGE 36 EAST, N.M.P.M.

Section 25: All

Section 36: All

TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.P.M.

Section 30: S/2, S/2 N/2, NE/4 NW/4 and NW/4 NE/4

Section 31: All

Section 32: All

TOWNSHIP 21 SOUTH, RANGE 36 EAST N.M.P.M.

Section 2: S/2 S/2

Section 3: Lots 3, 4, 5, 6, 11, 12, 13, and 14
and S/2

Section 4 through 11: All

Section 12: W/2 SW/4

Section 13: NW/4 NW/4

Sections 14 through 18: All

Section 21: N/2 and N/2 S/2

Section 22: N/2 and N/2 S/2

EXPANSION AREA B

TOWNSHIP 20 SOUTH, RANGE 36 EAST, N.M.P.M.

Section 10: E/2 E/2

Section 11: W/2, W/2 NE/4, SE/4

Section 13: W/2, S/2 SE/4

Section 14: All

Section 15: NE/4 NE/4

Section 23: All

Section 24: N/2, SW/4, W/2 SE/4

United States Dept. of Interior
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, NM 88201

ATTN: Mr. Armando Lopez

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87504

ATTN: Mr. Floyd Prondo

State of New Mexico
Department of Energy & Minerals
Oil Conservation Division
District 1
P. O. Box 1980
Hobbs, NM 88240

ATTN: Mr. Jerry Sexton

Edward H. Klein Estate
P. O. Box 1502
Hobbs, New Mexico 88240

Delbert Dale & Jimmy T. Cooper
Box 421
Monument, NM 88265

State of New Mexico
Commissioner of Public Lands
P. O. Box 1148
Santa Fe, NM 87504

ATTN: Mr. Floyd Prondo

United States Dept. of Interior
Bureau of Land Management
Roswell District Office
P. O. Box 1397
Roswell, NM 88201

ATTN: Mr. Armando Lopez

Durham, Inc.
P. O. Drawer 273
Midland, TX 79702

Texaco Producing, Inc.
P. O. Box 46555
Denver, CO. 80201-6555

Elliot Oil Co.
P. O. Box 1355
Roswell, NM 88202

Two States Oil Company
Suite 960
Thanksgiving Tower
Dallas, TX 75201

Greenhill Petroleum
16010 Barker's Point Lane
Suite 325
Houston, TX 77079

Warrior Inc.
c/o Unique Engineering
P. O. Box 5970
Hobbs, NM 88240

Meridian Oil Co.
21 Desta Drive
Midland, TX 79705

Mobil Expl. & Prod. U.S. Inc.
12450 Greenspoint Drive
Houston, TX 77060-1991

Penroc Oil
P. O. Box 5970
Hobbs, NM 88241

Phillips Petroleum Co.
P. O. Box 1967
Houston, TX 77001

Amerada Hess Corporation
P. O. Box 2040
Tulsa, OK 74102

ATTN: Mr. J. C. Hefley

Amoco Production Company
P. O. Box 3092
Houston, TX 77253

ATTN: Mr. J. C. Allen

Arco Oil and Gas Company
P. O. Box 1610
Midland, TX 79702

ATTN: Mr. D. C. Dodd
Mr. J. A. Nicholson

Chevron U.S.A., Inc.
P. O. Box 670
Hobbs, NM 88240

ATTN: Mr. J. C. Prindle

Conoco, Inc.
10 Desta Drive West
Midland, TX 79705

ATTN: Joint Interest Operations

Shell Western E&P, Inc.
P. O. Box 576
Houston, TX 77001

Attn: Mr. J. H. Smitherman