

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

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

CASE 8399  
Order No. R-7767

NOMENCLATURE

APPLICATION OF GULF OIL CORPORATION  
FOR POOL EXTENSION AND CONTRACTION,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This case came on for hearing at 9:00 A.M. on November 7, 1984, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 27th day of December, 1984, the Commission, a quorum having been present, having considered the testimony and the record and being otherwise fully advised in the premises,

FINDS THAT:

(1) Due public notice has been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Gulf Oil Corporation, is the operator of the Eunice Monument South Unit with horizontal limits including that acreage described on Exhibit "A" attached to this order.

(3) 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

-2-

Case No. 8399  
Order No. R-7767

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.

(4) 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.

(5) No party appeared and objected to the proposed amendment of vertical limits.

(6) Granting this application will serve to prevent waste and will not violate correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) Within the area designated as the Eunice Monument South Unit Area, as shown on Exhibit "A" attached hereto, the vertical limits of the Eumont Gas Pool are hereby 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 2747 feet and 3666 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.

(2) Within the 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 hereby amended to be from an 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 3666 feet and 5283 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.

-3-

Case No. 8399

Order No. R-7767

(3) The effective date of this order and the changes to vertical limits included herein shall be January 1, 1985.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JIM BACA, Member



ED KELLEY, MEMBER



R. L. STAMETS, Chairman  
and Secretary

S E A L

LEA COUNTY, NEW MEXICO

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM

Section 25: All  
Section 36: All

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

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, NMPM

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

CASE NO. 8399  
ORDER NO. R-7767  
EXHIBIT "A"