

200-2782

Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. B. Hopkins
DISTRICT MANAGER
M. I. Taylor
DISTRICT PRODUCTION
MANAGER
F. O. Mortlock
DISTRICT EXPLORATION
MANAGER
H. A. Rankin
DISTRICT SERVICES MANAGER

P.O. Drawer 1938
Roswell, New Mexico

January 9, 1964

Secretary Director
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Application of Gulf Oil Corporation for the
Approval of the Northwest Eumont Unit Agree-
ment providing for secondary recovery opera-
tions in a portion of the Eumont Gas Pool,
Lea County, New Mexico.

Dear Sir:

Gulf Oil Corporation as the proposed Unit Operator respect-
fully herein requests the Commission's approval of the Northwest
Eumont Unit Agreement, on the grounds that the proposed unit plan
will in principle tend to promote the conservation of oil and gas
and the prevention of waste. In support of its application, Gulf
states as follows:

1. That the Unit Area shall be

T. 19 S., R. 36 E.,

Sec. 11: E/2 SE/4 and SW/4 SE/4
Sec. 12: SW/4 NW/4
Sec. 14: NE/4, NW/4 SE/4, SW/4, E/2 NW/4
and SW/4 NW/4
Sec. 15: E/2 SE/4
Sec. 22: E/2 and E/2 SW/4
Sec. 23: W/2 SW/4, NE/4 SW/4 and NW/4
Sec. 26: W/2 NW/4
Sec. 27: E/2, SW/4 and E/2 NW/4
Sec. 33: E/2 NE/4, E/2 SE/4 and NW/4 SE/4
Sec. 34: W/2 NE/4, NE/4 NE/4, W/2 SE/4
and W/2

containing 2,760 acres, more or less, more fully
shown on the enclosed plat marked "Enclosure A".

2. That the project area described above includes all producing
Eumont oil wells North of Township 20 South, and West of Range 37 East,
except four oil wells situated on tracts in Section 1, Township 19
South, Range 36 East, which are not contiguous to the above-described
Unit Area.



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3. That the average daily production for the wells in the proposed Unit Area has declined to approximately 6 barrels per day and that said wells have reached an advanced stage of depletion as is described in Rule 701 (E) (1).

4. That applicant proposes to initially convert 15 wells to water injection wells, all of which together with each well's casing program are shown on the enclosed plat marked "Enclosure B". Copies of the logs of the proposed injection wells are also enclosed marked "Enclosure C".

5. That applicant plans to explore for and develop brackish water from either the San Andres Formation or the Santa Rosa Formation in sufficient quantities to inject approximately 500 barrels per day into each injection well.

6. Prior to any expansion of the Unit, Applicant will request that the expansion be authorized by administrative approval. Unit Operator will agree to file with the Commission an executed original or an executed counterpart of the Northwest Eumont Unit Agreement within 30 days after the effective date thereof.

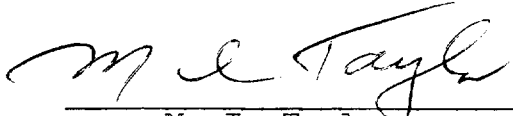
7. That the order of the Commission should become effective upon the final approval of said Unit Agreement by the Commissioner of Public Lands of the State of New Mexico and shall terminate ipso facto upon the termination of said Unit Agreement.

Gulf Oil Corporation has previously obtained a preliminary approval of the Unit Agreement from the Commissioner of Public Lands.

It is requested that this matter be set for hearing before an examiner.

Respectfully submitted,

GULF OIL CORPORATION



M. I. Taylor

WVK:ejl

Enclosures