## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE No. 4412 Order No. R-4025

APPLICATION OF CONTINENTAL OIL COMPANY FOR A PRESSURE MAINTENANCE PROJECT, LEA COUNTY, NEW MEXICO.

## ORDER OF THE COMMISSION

## BY THE COMMISSION:

This cause came on for hearing at 9:30 a.m. on August 19, 1970, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 10th day of September, 1970, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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 the applicant, Continental Oil Company, seeks authority to institute a pressure maintenance project in the Scarborough Yates-Seven Rivers Pool on its McCallister "A" Lease in Section 24, Township 26 South, Range 36 East, NMPM, Lea County, New Mexico, by the injection of water into the Yates and Seven Rivers formations through its McCallister "A" Well No. 2, located 330 feet from the North line and 990 feet from the East line of said Section 24, and through its McCallister "A" Well No. 3, located 660 feet from the South line and 660 feet from the East line of said Section 24.
- (3) That the proposed pressure maintenance project is in the interest of conservation and should result in greater ultimate recovery of oil, thereby preventing waste.
- (4) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

#### IT IS THEREFORE ORDERED:

(1) That the applicant, Continental Oil Company, is hereby authorized to institute a pressure maintenance project in the

-2-CASE No. 4412 Order No. R-4026

Scarborough Yates-Seven Rivers Pool on its McCallister "A" Lease in Section 24, Township 26 South, Range 36 East, NMPM, Lea County, New Mexico, by the injection of produced salt water into the Yates and Seven Rivers formations through its following-described wells in said Section 24:

McCallister "A" Well No. 2, located 330 feet from the North line and 990 feet from the East line, injection to be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set at approximately 3010 feet, with injection into the perforated interval from 3045 feet to 3063 feet and into the open-hole interval from 3076 feet to 3217 feet; and

McCallister "A" Well No. 3, located 660 feet from the South line and 660 feet from the East line, injection to be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set at approximately 3010 feet, with injection into the perforated interval from 3039 feet to 3100 feet and into the open-hole interval from 3133 feet to 3245 feet;

PROVIDED HOWEVER, that the casing-tubing annulus shall be filled with an inert fluid and that a pressure gauge shall be attached to the annulus at the surface in order to determine leakage in the tubing, casing, or packer.

- (2) That the subject pressure maintenance project is hereby designated the Continental McCallister "A" Scarborough Pressure Maintenance Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.
- (3) That monthly progress reports of the pressure maintenance project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.
- (4) That jurisdiction of this cause 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.

AST.

STATE OF MEY MEXICO OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO Member

A. L. PORTER, Jr., Member

& Secretary



P. O. Box 460

Hobbs, New Mexico 88240

PRODUCTION DEPARTMENT
HOBBS DIVISION
L. P. THOMPSON
Division Manager
G. C. JAMIESON

Assistant Division Manager

July 29, 1970

1001 NORTH TURNER TELEPHONE 393-4141

Case 4412.

New Mexico Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr., Secretary Director

Gentlemen:

Subject: Application for Approval to Expand Scarborough Yates-Seven Rivers Pressure Maintenance Project

Forwarded herewith in triplicate is our Application for approval of our proposed expansion of the Scarborough Yates-Seven Rivers pressure maintenance project. We should appreciate your placing this matter for hearing on the August 19th docket.

Very truly yours,

LPT:JM

CC: NMOCC - Hobbs RLA JJB JWK

Atlantic-Richfield Chevron Oil Company

Pan American Petroleum Corp.

DOCKET WALLED

J-6-70

### BEFORE THE OIL CONSERVATION COMMISSION

OF THE

### STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF CONTINENTAL OIL COMPANY FOR AUTHORITY TO EXPAND THE SCARBOROUGH YATES-SEVEN RIVERS PRESSURE MAINTENANCE PROJECT BY CONVERTING TWO ADDITIONAL INJECTION WELLS IN SECTION 24, T-26S R-36E, LEA COUNTY NEW MEXICO

Case 4412

## APPLICATION

Comes now, Continental OII Company and respectfully prays that authority be given to expand the Scarborough Yates-Seven Rivers pressure maintenance project created by Order No. R-3487-A, by the addition of two injection wells in Section 24, T-26S R-36E, Lea County, New Mexico, and in support thereof would show:

- 1. Applicant is operator and co-owner of the Eaves "A", Eaves "B" and McCallister "A" leases which produce oil from the Scarborough Yates-Seven Rivers Pool.
- Order No. R-3487-A approved a pressure maintenance project for said pool and the conversion of Eaves A Well No. 10 to water injection.
- 3. Applicant has heretofore drilled and completed in said Scarborough Yates-Seven Rivers Pool its McCallister "A" No. 2 well at a location 330 feet from the north line 990 feet from the east line of Section 24, T-26S R-36E.
- 4. Applicant has heretofore drilled and completed in the Scarborough Yates-Seven Rivers Pool its McCallister "A" No. 3 well, located 660 feet from the south line and 660 feet from the east line of said Section 24.
- Applicant now desires to inject water produced from the Scarborough Yates-Seven Rivers Pool into either or both of said wells.
- 6. The injection of water as proposed herein will prevent waste and will not impair correlative rights.

WHEREFORE, applicant respectfully prays that this matter be set for hearing before the commission's duly appointed examiner and upon hearing, an order be entered authorizing the expansion of the Scarborough Yates—Seven Rivers pressure maintenance project as described above.

Respectfully submitted,
CONTINENTAL OIL COMPANY

G. C. Jamieson

Assistant Division Manager

Of Production

GCJ:JM

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Proposed expansion area

Proposed injection wells

Present P.M. project area

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Present injection well

CONTINENTAL OIL COMPANY

PRODUCTION DEPARTMENT - HOBBS DIVISION

SCARBOROUGH POOL LEA COUNTY, NEW MEXICO

PRESSURE MAINTENANCE PROJECT

SCALE 0 2000 4000

Case 4412

#### NEW MEXICO OIL CONSERVATION COMMISSION

# APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

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(Title)

(Signature)

(Date)

NOTE: Should waivers from the surface evener and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

#### NEW MEXICO OIL CONSERVATION COMMISSION

# APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

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Continental Oil Company						i	P. O. Box 460, Hobbs, New Mexico					
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NOTE: Should waivers from the surface owner and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received,

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(Date)