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May 26, 1970

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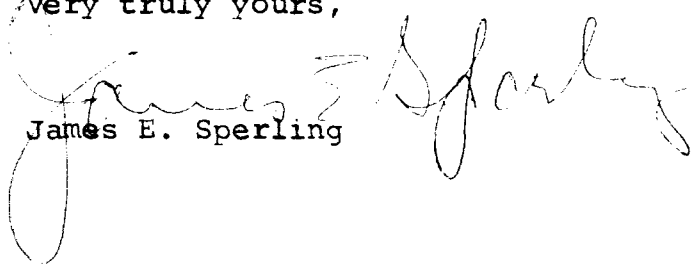
Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Dear Mr. Porter:

Enclosed herewith are original and two copies each of two applications for hearing in connection with proposed expansion of waterflood project by Mobil Oil Corporation. I understand that these matters may be heard on June 10, 1970, at the examiner's hearing.

We do not as yet have available the exhibit attachments for the applications. These will be provided in accordance with the rules as soon as they have been prepared and are available. The exhibit attachments will be furnished also to the State Engineer to whom we have forwarded a copy of the respective applications.

Very truly yours,


James E. Sperling

JES:jv

Enclosures

cc: State Engineer, w/encl.
State Capitol Building
Santa Fe, New Mexico 87501

Mobil Oil Corporation, w/encl.
Attn: Mr. C. R. Kreuz

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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF MOBIL OIL CORPORATION FOR
AUTHORITY TO EXPAND THE WATERFLOOD
PROJECT ON ITS STATE BRIDGES LEASE
IN THE VACUUM (GRAYBURG-SAN ANDRES)
POOL - LEA COUNTY, NEW MEXICO, BY
THE CONVERSION OF CERTAIN PRODUCING
WELLS TO WATER INJECTION WELLS AND
FOR AMENDMENT OF COMMISSION ORDER
NO. R-1244 AND ORDER NO. R-3318.

Case No. 4368

A P P L I C A T I O N

1. Mobil Oil Corporation hereby requests authority to expand the waterflood project on its State Bridges Lease in the Vacuum (Grayburg-San Andres) Pool, Lea County, New Mexico, by the conversion of certain presently producing wells, as hereinafter designated and identified, to water injection wells in the Grayburg-San Andres Formation at an approximate depth of 4700 feet below the surface.

<u>Well No.</u>	<u>Unit Letter Designation</u>	<u>Section</u>
14	G	25
17	A	25
32	C	25
15	O	26
25	I	26
29	M	26
30	G	26
35	K	26
105	A	26
132	E	26
42	O	27
48	I	27
52	A	27

All above wells are in Township 17 South, Range 34 East, N.M.P.M.

2. The subject waterflood project was established under the authority of Commission Order No. R-1244, issued September 17, 1958, and expanded under Commission Orders No. R-3318, issued September 12, 1967, and No. R-3496, issued September

3. Applicant holds the water rights to 1200-acre feet per annum from the Ogallala zone, and that three water supply wells have been drilled having a total capacity of approximately 22,000 barrels per day. The water which is being presently produced in connection with the operation of the project is being re-injected into the Grayburg-San Andres formation and produced water within the proposed expansion area will likewise be re-injected. Average injection rates for these proposed injection wells is estimated to be 500 barrels per day per well.

4. Conversion work on the proposed injection wells will consist of the removal of existing production equipment and tubing and replacement with cement-lined tubing and packers. Adequate tests of all casing strings will be made to insure that all surface waters and other formations will not be exposed to injection water in the event of tubing or packer leaks.

5. A copy of this application has been sent to the office of the State Engineer of New Mexico, and each offsetting operator has been notified of the proposed conversion of the wells described in this application to injection wells.

6. It is requested that Commission Orders No. R-1244 and No. R-3318 be amended to provide for administrative approval, by the Secretary Director, of future expansions as may be necessary to complete an efficient injection pattern without the necessity of showing well response.

7. The granting of this application will result in the prevention of waste and will protect correlative rights in the project area.

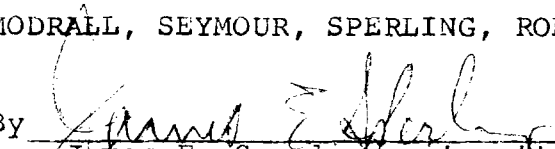
WHEREFORE, applicant requests that this matter be set for hearing before an examiner and that thereafter the Commission issue its order approving the conversion of the wells to injection wells as hereinabove set forth and amending Commission Orders No. 1244 and No. R-3318 as requested.

Respectfully submitted,

MOBIL OIL CORPORATION

BY: MODRALL, SEYMOUR, SPERLING, ROEHL & HARRIS

By


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