

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF SHELL OIL COMPANY FOR AUTHORITY
FOR A WATERFLOOD PROJECT ON ITS
HODGES FEDERAL B AND AMCO FEDERAL
LEASES IN THE CATO-SAN ANDRES POOL,
CHAVES COUNTY, NEW MEXICO, BY THE
CONVERSION OF CERTAIN PRODUCING
WELLS TO WATER INJECTION WELLS.

Case No. 4882

A P P L I C A T I O N

1. Shell Oil Company hereby requests authority for a waterflood project on its Hodges Federal B and Amco Federal leases in the Cato-San Andres Pool, Chaves County, New Mexico, by the conversion of certain presently producing wells, as hereinafter designated and identified, to water injection wells in the San Andres Formation.

<u>Lease</u>	<u>Well No.</u>	<u>Unit Letter Designation</u>	<u>Section</u>
Hodges Federal B	4	M	34
Amco Federal	4	G	33
" "	6	O	33
" "	7	E	33
" "	8	M	33

All above wells are in Township 8 South, Range 30 East, N.M.P.M.

2. 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.

3. 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.

DOCKET MAILED

4. 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.

Respectfully submitted,

SHELL OIL COMPANY

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By 
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