

BEFORE THE OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF )  
UNION OIL COMPANY OF CALIFORNIA FOR )  
AN ORDER AUTHORIZING IT TO INSTITUTE )  
A WATERFLOOD PROJECT IN THE CAPROCK )  
QUEEN POOL ON ITS PROPOSED SOUTH CAP- )  
ROCK QUEEN UNIT BY THE INJECTION OF )  
WATER INTO THE QUEEN FORMATION )  
THROUGH TEN WELLS LOCATED IN TOWN- )  
SHIP 15 SOUTH, RANGE 31 EAST, CHAVES )  
COUNTY, NEW MEXICO, AND FOR AUTHORITY )  
TO DRILL A WATER INJECTION WELL AT )  
AN UNORTHODOX LOCATION BEING 330 FEET )  
WEST OF THE EAST LINE AND 1320 FEET )  
SOUTH OF THE NORTH LINE OF SECTION 18, )  
TOWNSHIP 15 SOUTH, RANGE 31 EAST. )

Case No. 2032

APPLICATION

COMES NOW Applicant, Union Oil Company of California, by its attorneys, Campbell & Russell, and states:

1. It is the operator under the proposed South Caprock Queen Unit in the Caprock Queen Pool in Township 14 South, Range 31 East, Township 15 South, Range 31 East, and Township 15 South, Range 30 East, Chaves County, New Mexico.

2. It proposes to institute a waterflood project for secondary recovery of oil in said unit and attaches hereto a plat showing the location of ten proposed injection wells and the location of all other wells within a radius of two miles from the said injection wells. All lessees within two miles radius are participants in the unit and their identity is indicated on the attached plat which is marked Exhibit "A".

3. Applicant at the hearing will have those logs which are available on the injection wells.

4. The ten proposed injection wells are located at the locations circled in orange on Exhibit "A" and the information available to Applicant as to the casing program on the injection wells is attached hereto and marked Exhibit "B".

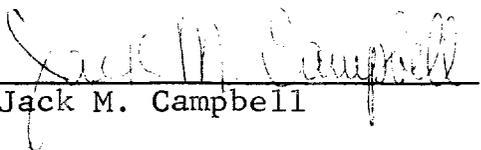
5. It proposes to inject water into the Queen formation at an initial rate of approximately 500 barrels per day in each injection well. This injection rate is subject to change and will be more fully explained at the hearing upon this Application. Water for injection purposes will be obtained from water wells located on Section 26, Township 15 South, Range 31 East, for which Applicant owns water leases and permits for the use of water from the State Engineer of New Mexico.

6. Pursuant to Memorandum No. 5-58 it has furnished the required information to the State Engineer and a copy of this Application is being forwarded to him.

WHEREFORE, Applicant requests the Commission to set this matter down for hearing before an examiner, to publish its notice as provided by law and, after hearing, to issue its order authorizing the waterflood project as requested in the Application.

Respectfully submitted,

CAMPBELL & RUSSELL

By   
Jack M. Campbell

Attorneys for Applicant  
P. O. Box 766  
Roswell, New Mexico

DATED: July 11, 1960