



BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

OIL & GAS
CONSERVATION COMMISSION

IN THE MATTER OF A SUPPLEMENTARY)
APPLICATION BY THE CALIFORNIA COMPANY)
TO AMEND AN ORDER APPROVING THE DIS-)
POSAL OF SALT WATER, BRACKISH WATER)
OR OTHER WATER UNFIT FOR DOMESTIC,)
LIVESTOCK IRRIGATION OR OTHER GENERAL)
PURPOSES, PRODUCED WITH OIL IN PIERCE)
FIELD, WELD COUNTY, COLORADO, TO)
PERMIT INJECTION INTO THE LAKOTA, AS)
WELL AS INTO THE ENTRADA FORMATION)

SUPPLEMENTARY APPLICATION

COMES NOW the undersigned on behalf of The California Company, a California corporation, duly authorized to do business in the State of Colorado, and respectfully shows to the Oil and Gas Conservation Commission of the State of Colorado:

1. In response to the Application of The California Company filed with the Commission on September 21, 1959, for the disposal of salt water produced with oil in Pierce Field, a Permit dated October 9, 1959, signed by A. J. Jersin, Director, authorized the said Company to dispose of such water by injecting it into the Entrada formation through Gertrude L. King #2 well, located in the Southeast Quarter Northwest Quarter (SE $\frac{1}{4}$ NW $\frac{1}{4}$) of Section Twenty-two (22), Township Eight (8) North, Range Sixty-six (66) West, as outlined in the said Application.
2. Pursuant to permission granted in the said Permit The California Company proceeded to convert Gertrude L. King #2 well to a disposal well as described in the said Application. On November 8, 1959, with preparations for injection being completed, including perforation of the Entrada formation, water injection tests were commenced. The said tests showed injection rates into the Entrada formation as follows:

<u>Pounds Per Square Inch</u>	<u>Barrels Per Minute</u>
$\frac{1}{2}$	2400
1	2800
2	3200

3. The said injection tests into the Entrada formation showed that it is impracticable to dispose of the quantities of unfit water produced with oil by injection into the Entrada formation alone. Therefore, The California Company now proposes to dispose of such water by injection not only into the Entrada formation, but also into the Lakota formation, described as follows:

(a) NAME: Lakota formation.

(b) DESCRIPTION: Sandstone, white, fine, becoming coarse-grained subangular to subrounded, fair sorting, clay cemented, non-calcareous.

(c) DEPTH: 8,228' to 8,268'.

4. All facts alleged in and Exhibits attached to the Application filed on September 21, 1959, are hereby incorporated in this Supplementary Application by reference. Two additional Exhibits are attached as follows:

EXHIBIT "E": An Electric Log made by Schlumberger Well Surveying Corporation of the proposed disposal well showing the location of the Lakota formation.

EXHIBIT "F": An Affidavit by S. L. Beeler on behalf of the Applicant certifying that notice, including a copy of this Supplementary Application, has been given by registered mail, addressed to each owner of record within one-half (1/2) mile of the proposed disposal well.

WHEREFORE, the Applicant requests that in the event no owner of record within one-half (1/2) mile of the disposal well, or the Commission, files written objection or complaint to this Supplementary Application within fifteen (15) days hereof, then the Commission enter an order granting the request of this Supplementary Application; however,

Should any owner of record within one-half (1/2) mile of the disposal well, or the Commission, file written objection within fifteen (15)

days hereof, then the Commission set this matter down for hearing, and upon evidence produced at such hearing enter its order approving the injection of salt water produced with oil in Pierce Field into the Entrada and Lakota formations through the disposal well identified as The California Company - Gertrude L. King #2 well.

Dated at Denver, Colorado, this 20th day of November, 1959.

Respectfully submitted,

THE CALIFORNIA COMPANY

By:

V. P. Cline

V. P. Cline
Its Division Attorney

STATE OF COLORADO)
) SS.
CITY AND COUNTY OF DENVER)

On this 20th day of November, 1959, personally appeared before me V. P. Cline, known to me to be the person who executed the foregoing instrument, and after being first duly sworn he did state that the contents of the Supplementary Application are true to the best of his knowledge and belief, and that he subscribed such Supplementary Application on behalf of The California Company.

Robert M. Hunt
Notary Public

My commission expires Dec 23, 1959.