

ILLEGIBLE

BEFORE THE OIL CONSERVATION COMMISSION OF THE
STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF SINCLAIR OIL & GAS COMPANY FOR
A PERMIT TO INJECT SALT WATER INTO
THE DEVONIAN RESERVOIR IN THE SOUTH
VACUUM DEVONIAN POOL, LEA COUNTY,
NEW MEXICO, THROUGH APPLICANT'S
NO. 2 STATE LEA 403 WELL LOCATED
660' FROM THE SOUTH AND WEST LINES
OF SECTION 22, T-18-S, R-35-E,
N. M. P. M., FOR WASTE DISPOSAL
PURPOSES.

CASE NO. 1576

ORDER NO. _____

A P P L I C A T I O N

SINCLAIR OIL & GAS COMPANY, a Maine corporation,
with offices at Midland, Texas, pursuant to Rule 701 of the
Rules and Regulations of the Commission, hereby makes appli-
cation for a permit to inject salt water into the Devonian
reservoir in the South Vacuum Devonian Pool in Lea County,
New Mexico, for waste disposal purposes and in support there-
of shows:

1.

Applicant purposes to dispose of salt water by in-
jection into the Devonian formation, South Vacuum Devonian
Pool, Lea County, New Mexico, through its No. 2 State Lea
403 Well located 660' from the South and West lines of Sec-
tion 22, T-18-S, R-35-E, N. M. P. M., for waste disposal
purposes. Attached hereto and marked Exhibit "A" is a plat
showing the location of such intake well and the location of
all oil and gas wells, including drilling wells and dry holes,
and the names of lessees within one-half mile of such well,
and also the name of each offset operator.

2.

There are no zones productive of oil or gas in the
proposed injection well. Said well was plugged and abandoned
on August 8, 1958, when the Devonian formation was found to
be productive of salt water. Other wells in the vicinity of

Dockets mailed
12-29-58 BP

the proposed injection well are productive of oil and gas from the Devonian formation.

3.

Salt water will be injected into the Devonian formation through said well at a depth from 11,938' to 11,978'.

4.

Attached to the original copy of this application and marked Exhibit "B" is a copy of the log of Applicant's No. 2 State Lea 403, which is the proposed intake well.

5.

After plugging operations there remained in the proposed intake well 332' of 13-3/8" surface casing and 3,560' of 9-5/8" intermediate casing located from 440' to 4,000'. Applicant proposes to clean out the well bore to total depth and set production casing at the top of the Devonian formation and to set a packer in the production casing near bottom and inject salt water through tubing into the open hole interval in the Devonian formation.

6.

Applicant estimates that 500 barrels of salt water per day will be injected. The salt water to be disposed of is produced from the Devonian and Bone Springs formations in the South Vacuum Pool area.

7.

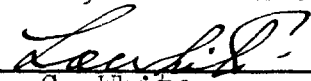
Applicant Sinclair Oil & Gas Company, whose address is P. O. Box 1470, Midland, Texas, will be operator of the disposal well.

WHEREFORE, applicant prays that this matter be set for a hearing before an Examiner in Santa Fe, New Mexico; that

notices hereon be issued according to law; and that upon hearing this application be granted.

HORACE N. BURTON
P. O. Box 1470
Midland, Texas

GILBERT, WHITE & GILBERT
P. O. Box 787
Santa Fe, New Mexico

By: 
L. C. White

Attorneys for Applicant