

STATE OFFICE 600

SEP 13 AM 11:37

Drawer D  
Monument, New Mexico  
September 10, 1958

State Land Department  
Santa Fe  
New Mexico

Gentlemen:

Attached are applications to the State Oil Conservation Commission for permission to dispose of salt water. One is for permission to dispose of produced water into the Yates Formation in the Amerada State SR"B" No. 2 in the SRR Devonian Field, Lea County, New Mexico. Location of the well is NW-SE Sec. 15, Township 9-S, Range 32-E. The other application is for permission to dispose of produced water into the San Andres Formation in the Amerada State S"D" No. 5 in the Saunders Field, Lea County, New Mexico. Location of the well is SE-SW Sec. 3, Township 14-S, Range 33-E.

If you have no objection to the above applications, please sign the attached waivers and send to the Oil Conservation Commission.

Very truly yours,

*D. C. Capps*

D. C. Capps

REB/vh

cc: ✓ Oil Conservation Commission  
State Engineer  
File

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION  
MAIN OFFICE 900

APPLICATION  
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION  
1938 SEP NOT PRODUCTIVE OF OIL OR GAS

#15  
due 9.30.58

Pool Name SRR Devonian County Lea

Operator Amerada Petroleum Corporation

Address Drawer D - Monument, New Mexico

Lease Name State SR#B Well No. 2

Depth to top of injection zone 2272'

Depth to base of injection zone 2300'

Size of surface casing 13-3/8"

Length of surface casing 338'

Number of sacks of cement used on surface casing 275 sacks

Size of long string 8-5/8"

Length of long string 3535'

Number of sacks of cement used on long string 1500 sacks

Size of tubing 3 1/2" EUE Length of tubing 2250'

Depth of tubing packer setting 2250'

Name and model of packer Baker Model D

Is injection through tubing or long string or annulus? Tubing

Is injection through perforations or open hole? Perforations

Was the well drilled for salt water disposal purposes? No

List perforated intervals and number of sacks of cement used on any squeeze cementing operations Well drilled to 11,360', abandoned and plugs spotted from 3490-3600, 10,287-10,400 and 11,181-11,294

What is depth of the shallowest zone productive of oil or gas in this pool? 9200

What is depth of the deepest zone containing fresh water in this pool? 750'

Are there any other salt water disposal wells in this pool using this same zone for injection purposes? No If so, list operator, lease and well number \_\_\_\_\_

What is the approximate volume of salt water to be injected daily? 1500 bbls.

Will system be open or closed type? Closed

Will injection be by gravity or pump pressure? Pump Pressure

If by pump pressure, give approximate number of pounds per square inch 1000

Will it be necessary for water to be filtered or chemically treated? No

Is this well so cased and completed that water can enter no other formation than the above setout injection zone? **Yes**

1. Attach a complete full-scale electrical log of this well. (one copy to OCC only.)
2. List Names and addresses of all offset operators and surface owners.

State of New Mexico Land Department, Santa Fe, New Mexico

3. Have notices of this application been sent by registered mail or given to all offset operators and to the New Mexico State Engineer? **Yes**
4. Attach waivers from all offset operators and New Mexico State Engineer.
5. Attach waivers from surface owners of land on which well is located or a letter from company making application to the surface owner explaining said application and requesting waiver.
6. No application will be processed until Item 4 has been attached to the application. Should all necessary waivers not accompany application, the Commission shall hold such application for a period of fifteen (15) days from date of receipt in the Santa Fe Office. If, after said fifteen (15) day period, no protest or request for hearing is received in the Santa Fe Office, the application will then be processed.

Amerada Petroleum Corporation

Operator

By

THE STATE OF New Mexico

COUNTY OF Lea

BEFORE ME, The undersigned authority, on this day personally appeared Dr. C. Capps known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN To before me, this the 10 day of September, 19 58.

My commission expires 8-30-61.

Notary Public in and for Lea  
County, New Mexico