

HOBBS OFFICE O. C. C.
SEP 22 11 20 AM '64

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

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

Operator Amerada Petroleum Corporation Address P. O. Box 668 - Hobbs, New Mexico

Lease State EC "A" Well No. 1 County Lea County

Unit C Section 14 Township 12-S Range 32-E

This is an application to dispose of salt water produced from the following pool (s):

East Caprock Devonian

Name of injection Formation(s): East Caprock Devonian

Top of injection zone: 11,246' Bottom of injection zone: 11,660'

Give operator, lease, well no., and location of any other well in this area using this same zone for disposal purposes: Amerada Petroleum Corporation, H. C. Posey "A" No. 4

Unit B, Section 14, T-12-S, R-32-E

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	<u>13 3/8" OD</u>	<u>296'</u>	<u>225</u>	<u>Did not Circulate</u>
Intermediate	<u>8 5/8" OD</u>	<u>3662'</u>	<u>1500</u>	<u>1538'</u>
Long String	<u>5 1/2" OD</u>	<u>11,314'</u>	<u>600</u>	<u>7594'</u>

Will injection be through tubing, casing, or annulus? Tubing

Size tubing 4" OD Setting depth: Approx. 11,000' Packer set at Approx. 11,000'

Name and Model No. of packer: Tension Type

Will injection be through perforations or open hole? Both

Proposed interval(s) of injection. Existing Perfs. 11,245' - 11,250'; Open Hole 11,214' - 11,660'

Well was originally drilled for what purpose? Oil Production

Has well ever been perforated in any zone other than the proposed injection zone? Yes

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

Pennsylvanian 8710'-8720', 8740'-8766', 8774'-8790'; These perfs. will be squeezed with 125 Sacks.

ve depth of bottom of next higher zone which produces oil or gas: 8860' (Is not productive in this well)

ve depth of top of next lower zone which produces oil or gas: None

e depth of bottom of deepest fresh water zone in area: Above 1460'

ected volume of salt water to be injected daily (barrels): 13,000

injection be by gravity or pump pressure? Pump Estimated pressure: 125 to 400

stem open or close type? Closed Is filtration or chemical treatment necessary? No

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

List all offset operators to the lease on which this well is located and their mailing address

Tenaco, Inc. P. O. Box 728 Hobbs, New Mexico

Name and address of surface owner State Owned - Amerada has business lease

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? Yes

Is a complete electrical log of this well attached? No

Operator: Amerada Petroleum Corporation

By: D. C. Capps
D. C. Capps

Title: District Superintendent

STATE OF New Mexico)
) ss.
County of Lea)

BEFORE ME, The undersigned authority, on this day personally appeared D. 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 21st. day of September, 19 66.

Merlin C. Black
Notary Public in and for the County of Lea

My Commission Expires 10-28-66

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

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