

GENERAL OFFICE
Box 2040
TULSA 2, OKLA.

AMERADA PETROLEUM CORPORATION
Box 668
HOBBS, NEW MEXICO

September 21, 1964

MAILED
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New Mexico Oil
Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

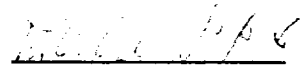
Gentlemen:

Amerada Petroleum Corporation respectfully requests administrative approval of the attached application to dispose of salt water into the Devonian formation in the State EC "A" No. 1, located in Unit C of Section 14, T-12-S, R-32-E, in the East Caprock Field of Lea County, New Mexico. This well is presently closed in.

Salt water is presently being disposed of, by injection into the Devonian formation, in the H. C. Posey "A" No. 4 (east offset well) as granted under Order No. R-1209. It is our desire to convert the State EC "A" No. 1 for disposal purposes so that an oil bearing zone in the H. C. Posey "A" No. 4 can be produced at this time. The interval of injection in the State EC "A" No. 1 will be the same equivalent interval that is presently taking water in the Posey "A" No. 4 and is below the present water-oil contact in the East Caprock Devonian field.

If this application cannot be handled administratively please schedule it for hearing at the earliest possible date.

Very truly yours,


D. C. Capps
District Superintendent

AJE/jh

cc: Texaco, Inc.
P. O. Box 728
Hobbs, New Mexico

State Engineers Office
N. M. O. C. C. - Santa Fe - 3
N. M. O. C. C. - Hobbs
Midland
Tulsa
Tatum
File

GENERAL OFFICE
Box 2040
TULSA 2, OKLA.

AMERADA PETROLEUM CORPORATION
Box 668
HOBBS, NEW MEXICO

September 21, 1964

Mr. S. E. Reynolds
State Engineers Office
P. O. Box 1079
Santa Fe, New Mexico

Dear Sir:

Attached please find Amerada Petroleum Corporation's application to dispose of salt water into the Devonian formation in the State EC "A" No. 1, located in Unit C of Section 14, T-12-S, R-32-E, in the East Caprock Field of Lea County, New Mexico.

Very truly yours,


D. C. Capps
District Superintendent

LET/DCC/jh

cc: Texaco, Inc.
P. O. Box 728
Hobbs, New Mexico

N. M. O. C. C. - Santa Fe - 3
N. M. O. C. C. - Hobbs
Midland
Tulsa
Tatum
File

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

MAIN OIL FIELD
64 SEP 22 AM U

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	13 3/8" OD	296'	225	Did not Circulate
Intermediate	8 5/8" OD	3662'	1500	1538'
Long String	5 1/2" OD	11,314'	600	7594'

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

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

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

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

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

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

Is system 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

Texaco, 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 64

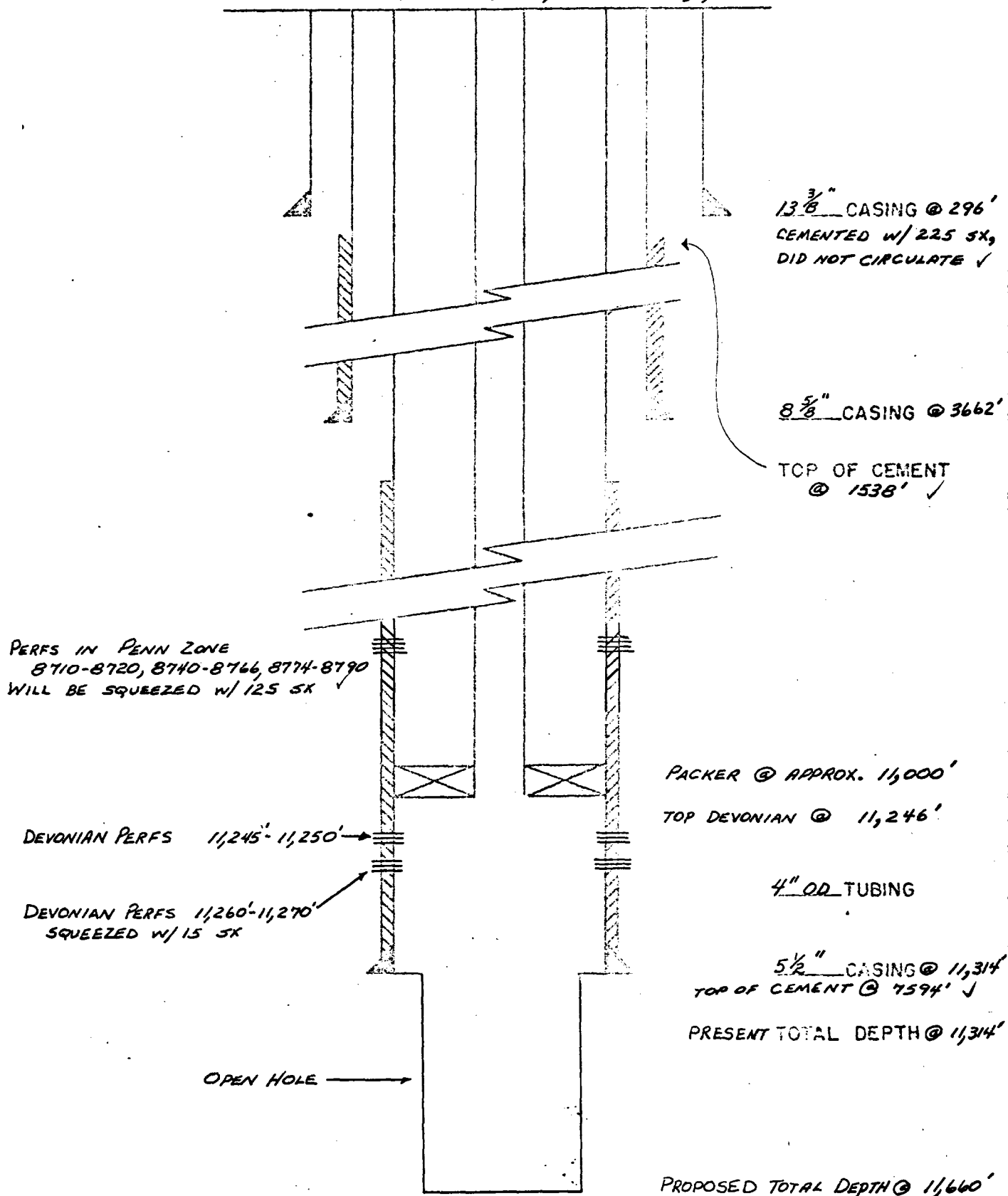
Merlin C. Black
Notary Public in and for the County of Lea

My Commission Expires 10-28-66

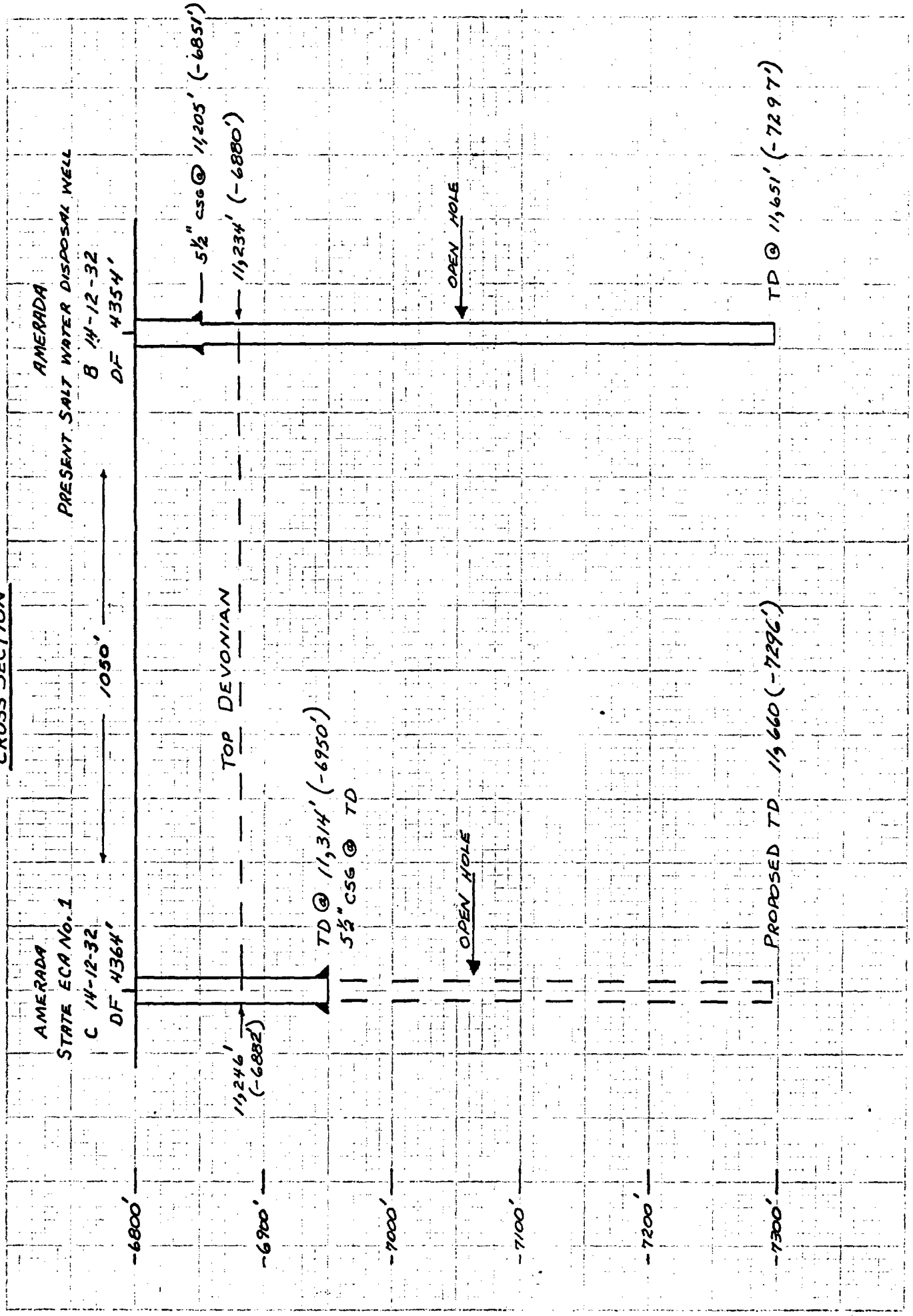
NOTE: Should waiters from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said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

AMERADA PETROLEUM CORPORATION

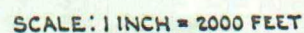
SCHEMATIC OF PROPOSED INSTALLATION IN THE
STATE ECA No. 1 FOR SALT WATER DISPOSAL
EAST CAPROCK FIELD, LEA COUNTY, N.MEX.



CROSS SECTION



EAST CAPROCK
LEA. CO., N. M.



MAIN OFFICE 000

'64 SEP 23 PM 1 12



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

September 22, 1964

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

87501

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:


Reference is made to the application of Amerada Petroleum Corporation which seeks approval for a salt water disposal well designated as State EC "A" No. 1 located in Unit C of Sec. 14, T. 12 S., R. 32 E. in the East Caprock Field.

After reviewing the application and the information submitted therewith, it appears that since injection will be through 4-inch tubing under a packer set at approximately 11,000 feet, that no threat of contamination to the fresh waters which may exist in the area will occur. Therefore, this office offers no objection to the granting of the application.

Yours truly,

S. E. Reynolds
State Engineer

FEI/ma
cc-D. C. Capps
F. H. Hennighausen

By: 
Frank E. Irby
Chief
Water Rights Div.