

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

October 7, 1964

Amerada Petroleum Corporation
Box 668
Hobbs, New Mexico

30-25-00115

Gentlemen:

Enclosed herewith please find Administrative Order
No. SWD-50 for your State EC "A" Well No. 1 located in
Unit C of Section 14, Township 12 South, Range 32 East,
NMPM, Lea County, New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Oil Conservation Commission - Hobbs
Oil & Gas Engineering Committee - Hobbs

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SUBJECT: SALT WATER DISPOSAL WELL

ORDER NO. SWD-50

THE APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR A SALT WATER DISPOSAL
WELL.

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (C) Amerada Petroleum Corporation made application to the New Mexico Oil Conservation Commission on September 22, 1964, for permission to complete for salt water disposal its State EC "A" Well No. 1 located in Unit C of Section 14, Township 12 South, Range 32 East, NMPM, Lea County, New Mexico.

The Secretary-Director finds:

(1) That application has been duly filed under the provisions of Rule 701 (C) of the Commission Rules and Regulations;

(2) That satisfactory information has been provided that all offset operators, surface owners and the New Mexico State Engineer Office have been duly notified; and

(3) That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 (C) will be met.

(4) That no objections have been received within the waiting as prescribed by said rule.

IT IS THEREFORE ORDERED:

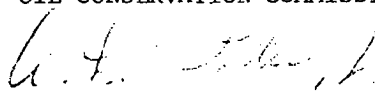
That the applicant herein, Amerada Petroleum Corporation, is hereby authorized to complete its State EC "A" Well No. 1 located in Unit C of Section 14, Township 12 South, Range 32 East, NMPM, Lea County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Devonian formation at approximately 11,246 feet to approximately 11,660 feet through 4-inch OD tubing with a packer set at approximately 11,000 feet in 5- $\frac{1}{2}$ inch casing.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing the Commission may terminate the authority hereby granted in the interests of conservation. That applicant shall submit monthly reports of its disposal operation in accordance with Rules 704 and 1119 of the Commission Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 7th day of October, 1964.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


A. L. PORTER, Jr.,
Secretary-Directo

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

LRT/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

GENERAL OFFICE
Box 2040
TULSA 2, OKLA.

AMERADA PETROLEUM CORPORATION
Box 668
HOBBS, NEW MEXICO

September 21, 1964

SEP 22 AM 8 12
1964

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

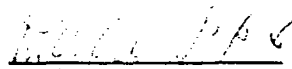
Gentlemen:

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
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File

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

MAIN OIL FIELD
SEP 22 AM '64

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.

(Is not productive
Give depth of bottom of next higher zone which produces oil or gas. 8860' 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: *[Signature]*
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

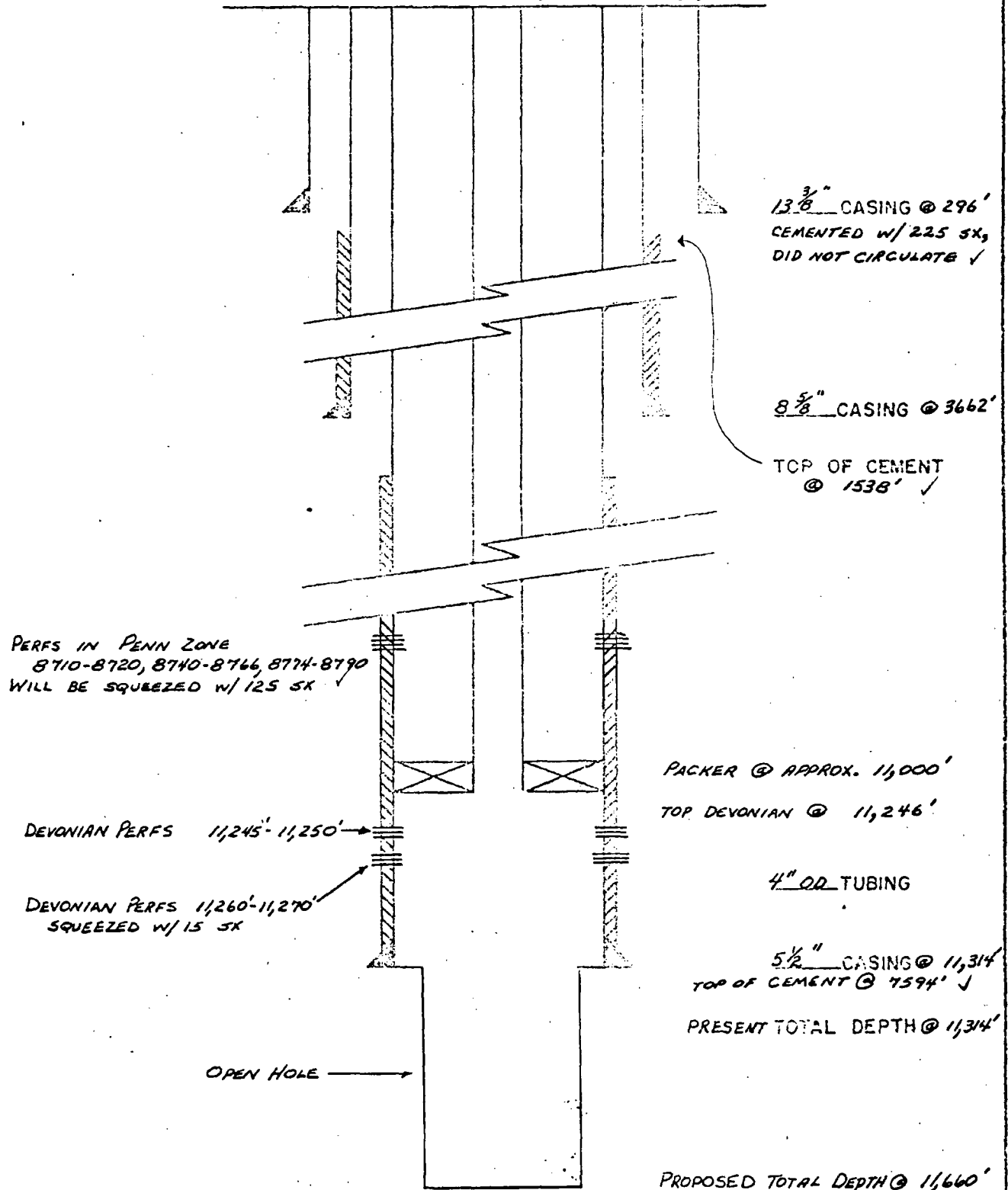
[Signature] Merlin C. Black
Notary Public in and for the County of Lea

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.

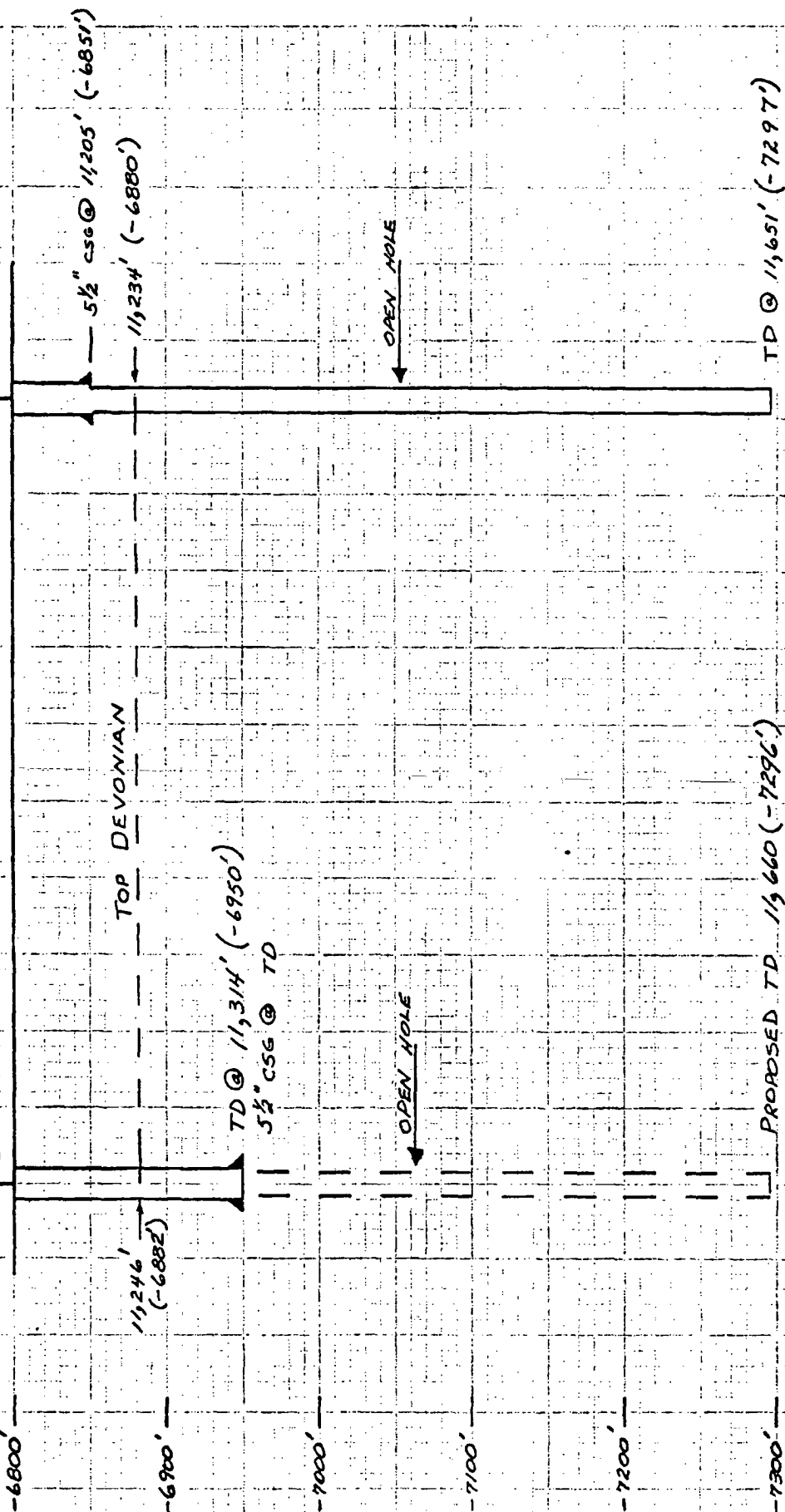
AMERADA PETROLEUM CORPORATION

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

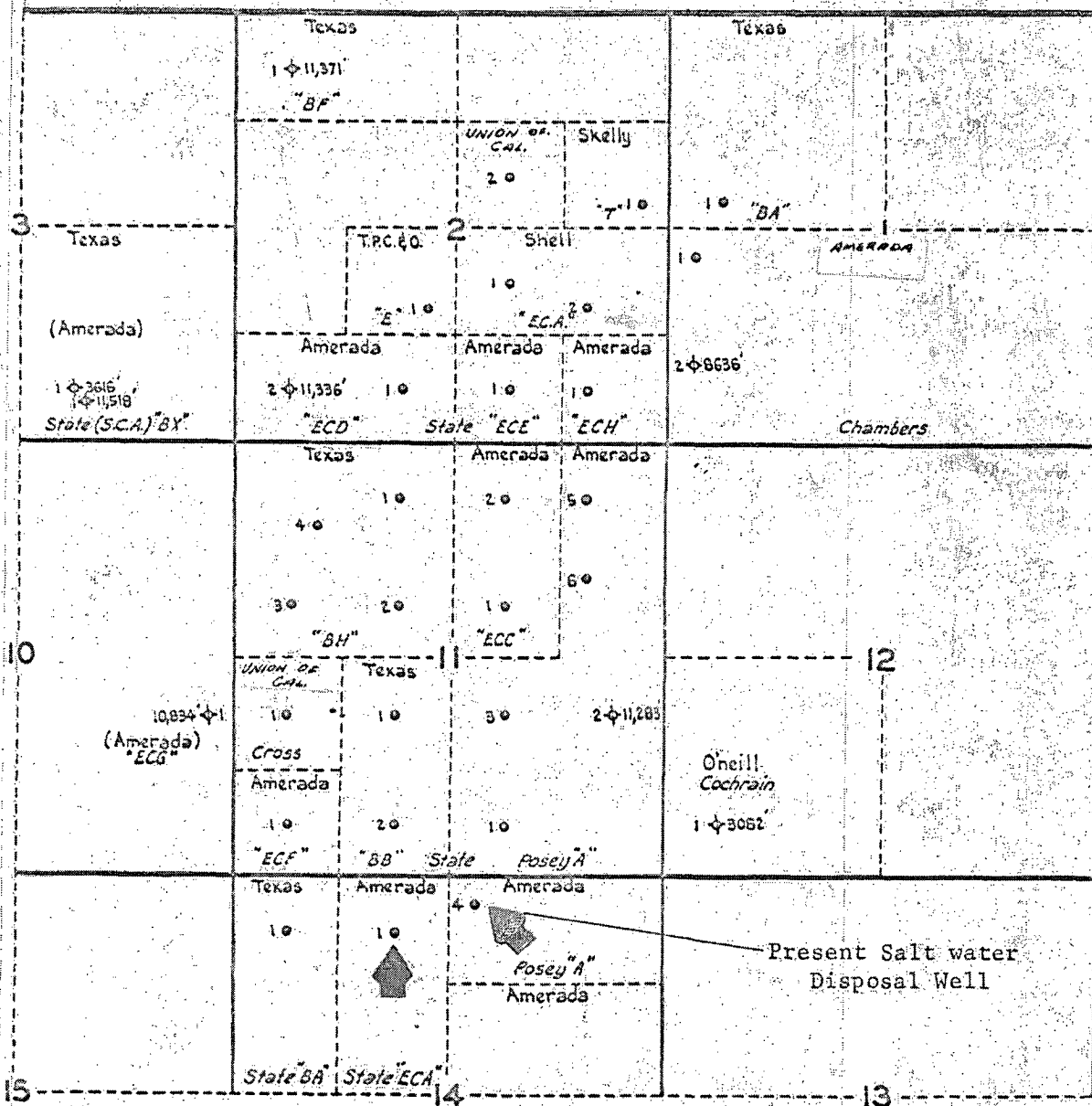


AMERADA
STATE ECA No. 1
C 14-12-32
DF 4364'

AMERADA
PRESENT SALT WATER DISPOSAL WELL
B 14-12-32
DF 4354'



R 32 E



EAST CAPROCK
LEA CO., N. M.

SCALE: 1 INCH = 2000 FEET