CLASS OF SERVICE

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## ESTERN UNIO

W. P. MARSHALL, PRESIDENT W. P. MANSHALL, PRESIDENT

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SYMBOLS DL=Day Letter NL=Night Letter

International Letter Telegram

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(54') ·(+)

NEW MEXICO O'L CONSERVATION COMMISSION=

SANTA FE NMEX=

Case #114~

ATTENTION: MR. W. W. MANKIN, EXAMINER

THE TEXAS COMPANY, AS AN OPERATOR IN EAST CAPROCK DEVONTAN POOL, LEA COUNTY, No Mo, I'S PRESENTLY NEGOTIATING WITH AMERADA PETROLEUM CORP. AND THE OTHER OPERATORS IN THIS FIELD TO ESTABLISH A COOPERATIVE WATER DISPOSAL SYSTEM TO SERVE THIS FIELD. AMERADAYS H. C. POSEY WELL NO. 2 WILL SERVE AS THE TNJECTION WELL IN THIS DISPOSAL SYSTEM. THE TEXAS COMPANY RECOMMENDS THAT AMERADAYS APPLICATION IN CASE 1142 BE GRANTED AS APPLIED FOR=

J A HALE ASSISTANT DIVISION MANAGER=

AMERADA PETROLEUM CORPORATION
P. O. BOX 2040
TULSA 2, OKLAHOMA

NAME OF THE PROPERTY OF THE PR

cm /m 4 / m 0:22

Case # 11UV

Drawer D
Monument, New Mexico
August 17, 1956

New Mexico Oil Conservation Commission P. O. Box 871 Santa Fe, New Mexico

Re: Application to Recomplete
Amerada H.C. Posey "A" No. 2,
East Caprock Pool, Lea County,
New Mexico, as a salt water
disposal well.

## Gentlemen:

By this letter of application Amerada Petroleum Corporation wishes to state the following:

- (A) That Amerada Petroleum Corporation H.C. Posey "A" No. 2, located in the NE/4 of the SE/4 of Section 11, Township 12-S, Range 32-E, was completed as a dry hole at a total depth of 11,283 feet in the Mississippian Formation on August 28, 1952. The attached Exhibit "A" shows the location of this well on the Amerada H.C. Posey "A" Lease together with the location of all offset wells.
- (B) That water production in the East Caprock Pool, in which the subject well is located, is increasing and becoming difficult to dispose of. The current rate of water production is 5,500 barrels per day.
- (C) That Amerada Petroleum Corporation wishes to recomplete Amerada Posey "A" No. 2, a plugged and
  abandoned well, in the manner necessary to dispose
  of the current East Caprock Pool water production.
  The proposed recompletion will be done in the following manner:

ement 3415 70 SAX

PB to 1608

- l. Wash out heavy mud to 1600 feet and set a cement plug in existing 8-5/8 inch OD casing.
- 2. Perforate 8-5/8 inch casing from 1300 to 1450 feet with 600 shots.
- 3. Wash perforations with mud acid and complete well for injection.

- (D) The proposed zone of injection, from 1300 to 1450 feet, is in the Dewey Lake Formation of the Permian and is not productive of oil or gas.
- (E) That the present method of disposal of salt water in open evaporation pits is inadequate.
- (F) That the manner and method of the proposed injection is both mechanically feasible and practical.

Therefore, Amerada Petroleum Corporation requests that the Oil Conservation Commission set a certain day on which this application may be heard and after said hearing grant permission to the applicant to recomplete the subject well as a salt water disposal well in the manner proposed in this application.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

D. C. Capps

District Superintendent

DCC/WGA/vh

cc: Shell Oil Company

Box 1957

Hobbs, New Mexico

The Texas Company

Box 1270

Midland, Texas

Skelly Oil Company

Box 38

Hobbs, New Mexico

Texas Pacific Coal & Oil Co.

Box 2110

Fort Worth, Texas

Union Oil of California Box 6584 Roswell, New Mexico Mul wie

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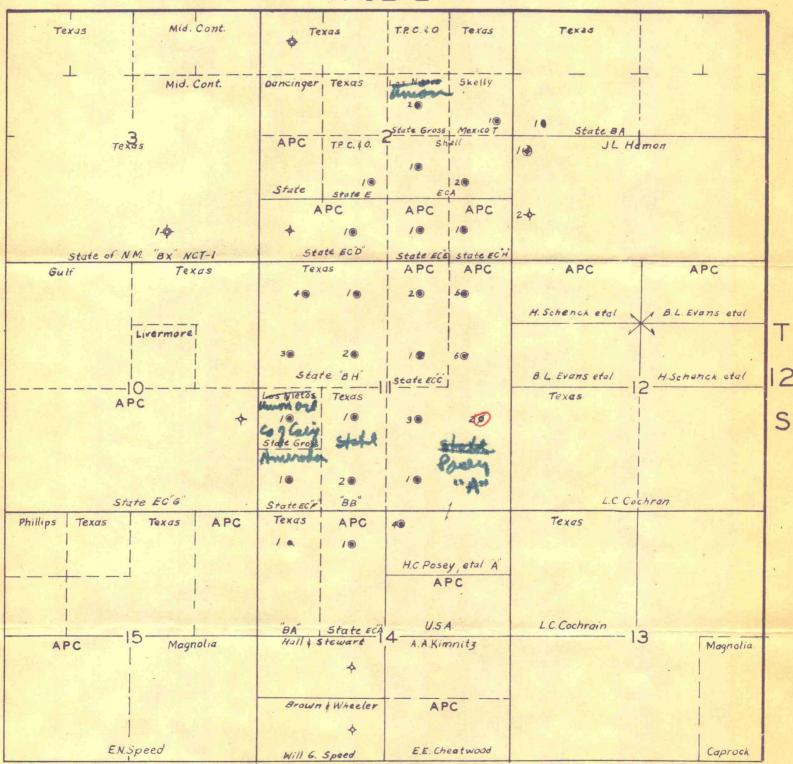
12000 m

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 $A^{-1}$ 



## EAST CAPROCK POOL

LEA COUNTY, N. MEX.

SCALE | INCH = 2000 FEET CONTOUR INTERVAL