

Am. Tel. & Tel. Corp. Application
for permission to convert Route 9 N. #1
into a water disposal well.
C. W. Smith & Co.

Case No.

1192

Application, Transcript,
Small Exhibits, Etc.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

March 11, 1957

Mr. W. G. Abbott
Amerada Petroleum Corp.
Drawer D
Monument, New Mexico

Dear Sir:

We enclose a copy of Order R-955 issued March 8, 1957, by the Oil Conservation Commission in Case 1192, which was heard January 9th at Santa Fe.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encls.

C
O
P
Y

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 1192
Order No. R-955

APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR AN ORDER GRANTING
PERMISSION TO RE-COMplete ITS AMERADA
STATE S "G" NO. 1 WELL, LOCATED IN
THE NE/4 SW/4 SECTION 10, TOWNSHIP 15
SOUTH, RANGE 23 EAST, NMPN, AS A SALT-
WATER DISPOSAL WELL IN THE SAN ANDRES,
PADDOCK, CLEARFORK, AND ABO FORMATIONS
WITHIN THE HORIZONTAL LIMITS OF THE
SAUNDERS POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on
January 9, 1957, at Santa Fe, New Mexico, before Warren W. Hankin,
Examiner duly appointed by the New Mexico Oil Conservation Com-
mission, hereinafter referred to as the "Commission," in accordance
with Rule 1214 of the Commission Rules and Regulations.

Now, on this 8th day of March, 1957, the Commission,
a quorum being present, having considered the application, the
evidence adduced, and the recommendations of the Examiner, Warren
W. Hankin, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as
required by law, the Commission has jurisdiction of this case and
the subject matter thereof.

(2) That applicant is the owner of its State S "G"
No. 1 Well, located 1900 feet from the South line and 1900 feet
from the West line of Section 10, Township 15 South, Range 23 East,
NMPN, Lea County, New Mexico. Said well is a producing well in the
Saunders Pool with a total depth of 10,069 feet.

(3) That applicant proposes to produce oil from the
Saunders Pool through the tubing and inject salt water from 4245
feet to 8,000 feet into the San Andres, Paddock, Clearfork (Yeso
formation in New Mexico), and Abo formations through the annulus
between the 5 1/2 inch and the 8 5/8 inch casing strings.

(4) That the injection formations are not productive
of oil or gas within the horizontal limits of the Saunders Pool,
and further that the applicant's proposed salt-water injection
program will not jeopardize the production of oil, gas, or fresh
water in the area.

-2-

Case No. 1192
Order No. R-955

(5) That the applicant's proposed water injection program is consonant with sound conservation practices.

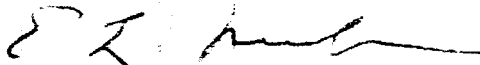
IT IS THEREFORE ORDERED:

1. That the applicant, Amerada Petroleum Corporation, be and the same is hereby authorized to re-complete its State S "G" No. 1 Well, located in the NE/4 SW/4 Section 10, Township 15 South, Range 33 East, NMPL, Lea County, New Mexico, as a salt-water disposal well within the horizontal limits of the Saunders Pool. Provided that the oil from said well shall be produced from the Pennsylvanian formation through the tubing and that all salt water shall be injected from 4245 feet to 8000 feet into the San Andres, Faidock, Yoso and Abo formations in the vicinity of the Saunders Pool through the annulus between the 5 1/2 inch and 8 5/8 inch casing strings.

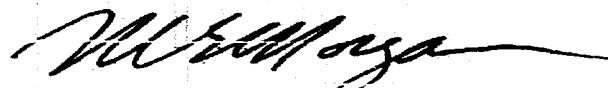
2. That applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1119 of the Commission's Rules and Regulations.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



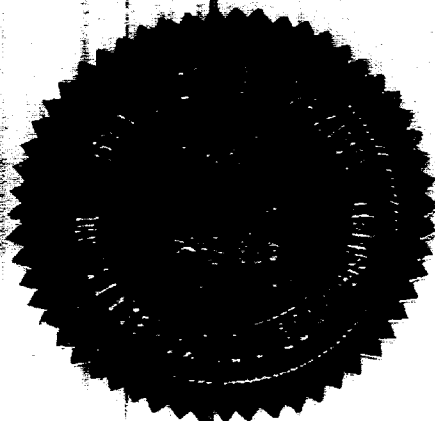
EDWIN L. MECHEM, Chairman



MURRAY E. MORGAN, Member



A. L. PORTER, Jr., Member & Secretary



ir/

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

Examine 4/2
@ S.F. 2
on 1/9/57

Drawer D
Monument, New Mexico
November 19, 1956

#1192

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

Re: Application to complete Amerada
Petroleum Corporation State S"G"
No. 1, Saunders Pool, Lea County,
New Mexico, as a Salt Water
Disposal Well

Gentlemen:

Our application requesting a hearing to consider convert-
ing the State S"G" No. 1, Saunders Pool, into a salt water disposal
well by injecting the water through the bradenhead was filed
September 28, 1956. This application was subsequently withdrawn
upon Mr. Christie's request dated October 11, 1956.

By this letter we respectfully ask that the Oil Conserva-
tion Commission activate this application and set a certain day
on which this application may be heard.

Yours very truly,

D. C. Capps

D. C. Capps
District Superintendent
Amerada Petroleum Corporation

DCC/vh
cc: Mr. R.S. Christie
Mr. R.E. Seifert

GENERAL OFFICES
120 BROADWAY NEW YORK

AMERADA PETROLEUM CORPORATION

BEACON BUILDING
P O BOX 2040

TULSA 2, OKLA.

October 11, 1956

Re: Application to Complete
APC State S "G" No. 1
Saunders Pool, Lea County
New Mexico, as a Salt
Water Disposal Well

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

Attention: Mr. Warren Mankin

Gentlemen:

On September 28, 1956 we filed an application requesting a hearing to consider converting our State S "G" No. 1, Saunders pool, into a salt water disposal well by injecting the water through the braden-head.

We now are considering the possibility of plugging off the pay and perforating the 5-1/2" casing opposite the San Andres and injecting water through the perforated interval.

In connection with this procedure there are other problems involved which will require some time to resolve; therefore, we respectfully ask that the above referred to application be withdrawn.

Yours very truly,

R. S. Christie
R. S. Christie

RSC:mt

cc: Mr. R. E. Seifert
Mr. D. C. Capps

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

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

EX 143
EX 10731
before 11:00 AM
Drawer D
Monument, New Mexico
September 28, 1956

EXC. to full to hold application & not hold in objection hearing on 10/31 - after will follow
Re: Application to Complete Amerada State S"G" No. 1, Saunders 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 State S"G" No. 1, located in the NE/4 of the SW/4 of Section 10, Township 15-S, Range 33-E, is a producing well in the Saunders Pool completed at a total depth of 10,069 feet on August 4, 1952. The attached Exhibit "A" shows the location of this well and all offset wells.
- B. That water production in the Saunders Pool in which the subject well is located, is increasing and sub-surface disposal is desirable.
- C. That Amerada Petroleum Corporation wishes to make a bradenhead completion on the Amerada State S"G" No. 1 in a manner necessary to dispose of the current Saunders Pool water production. The proposed completion will be done in the following manner:
 1. Pump and wash existing mud in annular space between 5-1/2 inch O.D. casing and 8-5/8 inch O.D. casing.
 2. Wash exposed interval from 4245 to 8000 feet with mud acid and complete as a bradenhead salt water disposal well. The attached Exhibit "B" shows a diagram of this well bore.
- D. That the proposed zone of injection from 4245 to 8000 feet is in the San Andres, Paddock, Clearfork, and Abo formations and in this pool 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 complete the subject well as a brazenhead salt water disposal well in the manner proposed in this application.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION

by D. C. Capps
D. C. Capps
District Superintendent

DCC/WGA/vh

cc: Shell Oil Company
Box 1957, Hobbs, New Mexico

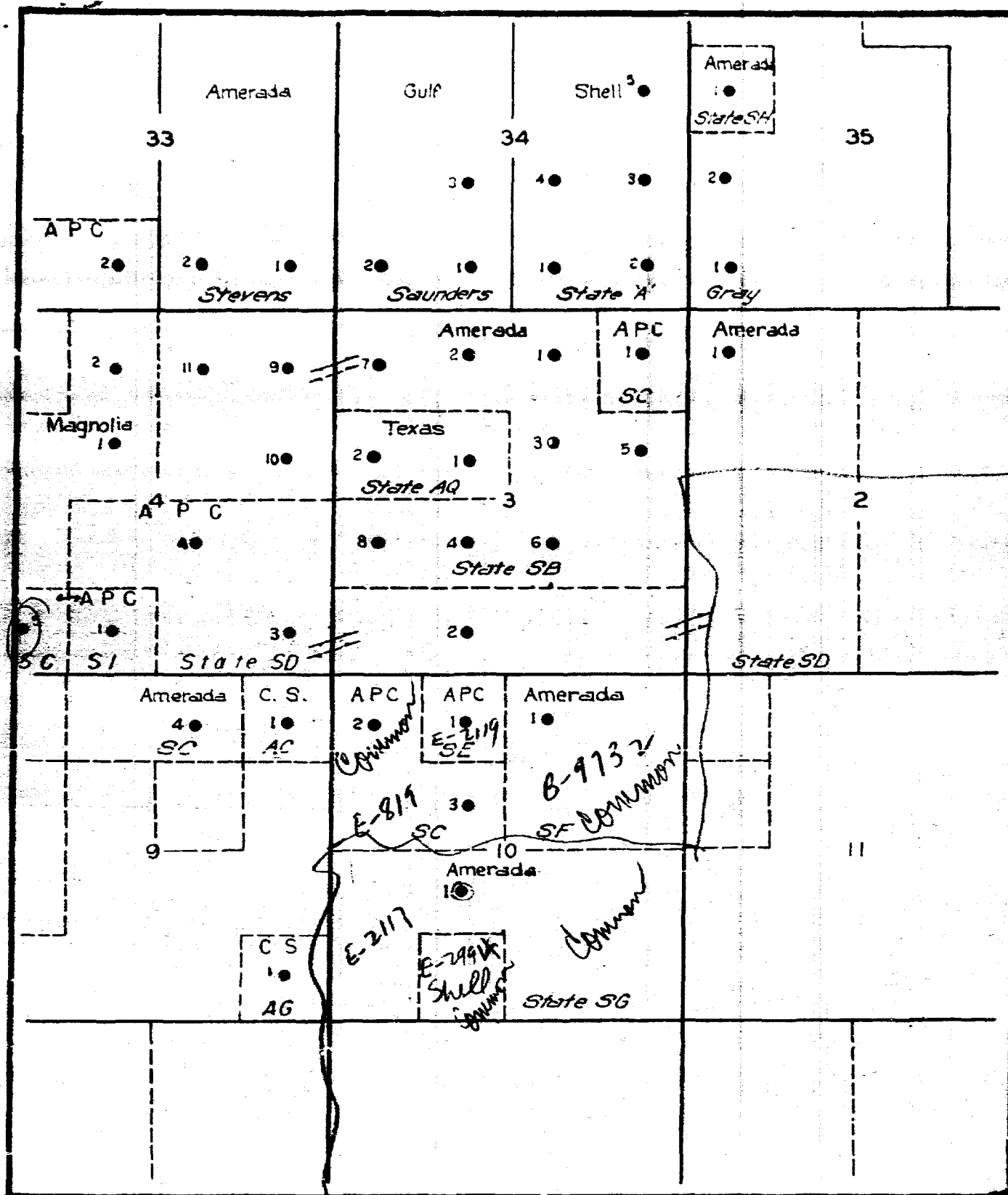
The Texas Company
Box 1270, Midland, Texas

Gulf Oil Corporation
Box 2167, Hobbs, New Mexico

The Atlantic Refining Company
Box 871, Midland, Texas

Cities Service Oil Company
Box 97, Hobbs, New Mexico

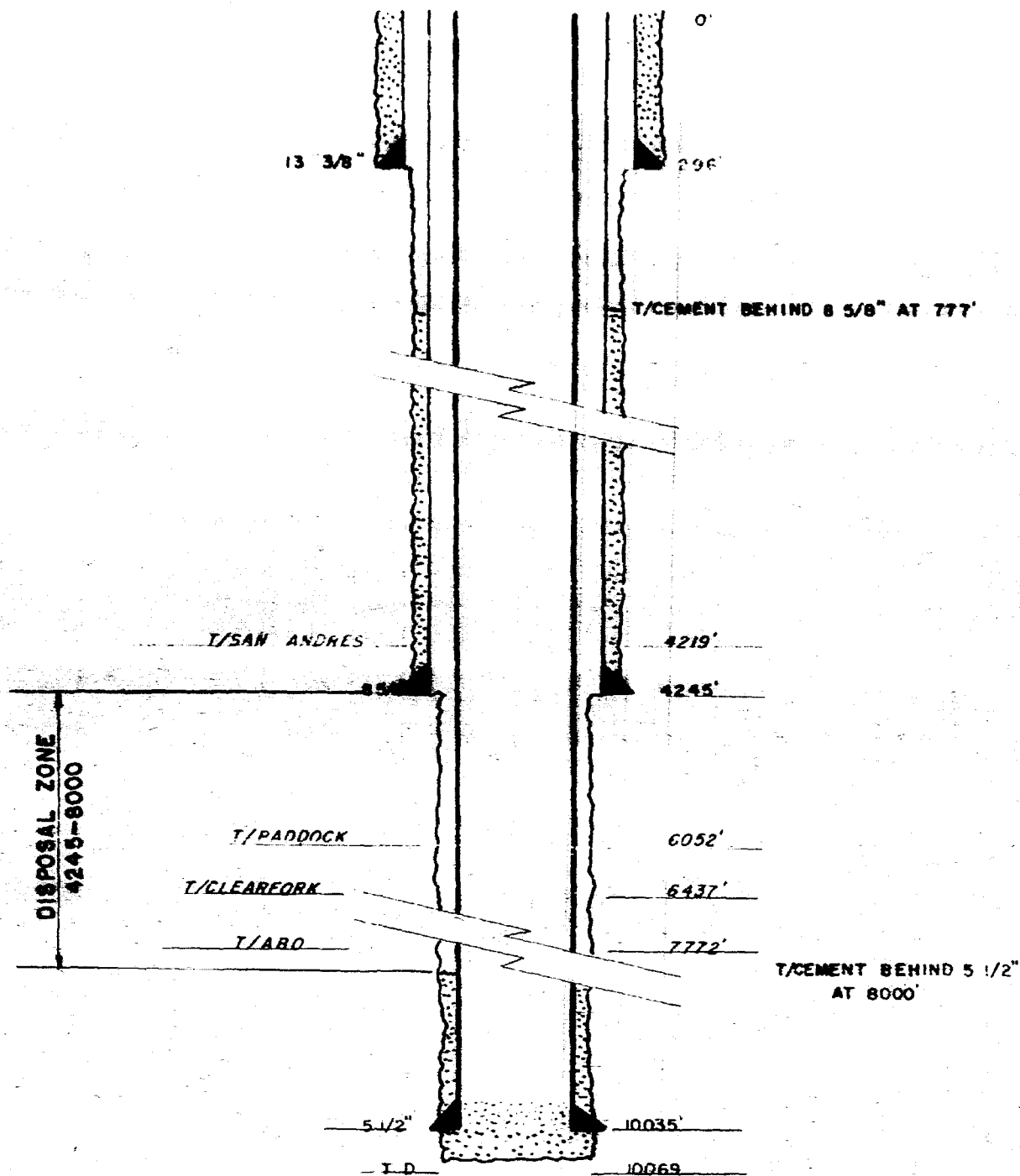
Magnolia Petroleum Company
Box 727, Kermit, Texas



Gather system \$168,000
250 Bbls per well/day

SAUNDERS POOL
LEA COUNTY, NEW MEXICO

EXHIBIT A



AMERADA PETROLEUM CORPORATION
 Proposed Bradenhead Salt Water Disposal Well Completion
 Saunders Pool, Lea County, New Mexico
 Amerada State S"G" No. 1, NE/4 SW/4 10-15S-33E

Exhibit "B"

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

Case # 1192

Drawer D
Monument, New Mexico
January 10, 1957

Mr. Warren W. Mankin
Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Dear Warren:

In reply to your request for the well locations
in Case 1192 and 1193, we submit the following:

Amerada State S"O" No. 1 - 1980 ft. FWL and
1980 ft. FSL, Section 10,

Amerada State S"O" No. 5 - 660 ft. FWL and 660
ft. FSL, Section 4,

Both are in Township 15-S, Range 33 E.

Yours truly,

W. G. Abbott

W. G. Abbott
Amerada Petroleum Corporation

WGA/vh

THE TEXAS COMPANY

TEXACO PETROLEUM PRODUCTS



PRODUCING DEPARTMENT
WEST TEXAS DIVISION
O. F. BERTHA, ASSISTANT DIVISION MANAGER

P. O. BOX 1720
FORT WORTH 1, TEXAS

December 27, 1956

EXAMINER HEARING - JANUARY 9, 1957
CASES #1192 AND 1193

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

Attention: Mr. W. W. Mankin, Examiner

Gentlemen:

The Texas Company is an operator in the Saunders Pool and has participated in efforts to form a cooperative salt water disposal system for this field. The Texas Company urges the Commission to give its approval to the salt water disposal wells covered in Amerada's application in Cases Nos. 1192 and 1193.

Yours very truly,

A handwritten signature in dark ink, appearing to read "O. F. Bertha", is written over the typed name.

HNW-MPT

DOCKET: EXAMINER HEARING JANUARY 9, 1957

Oil Conservation Commission 9 a.m., Mabry Hall, State Capitol, Santa Fe, NM

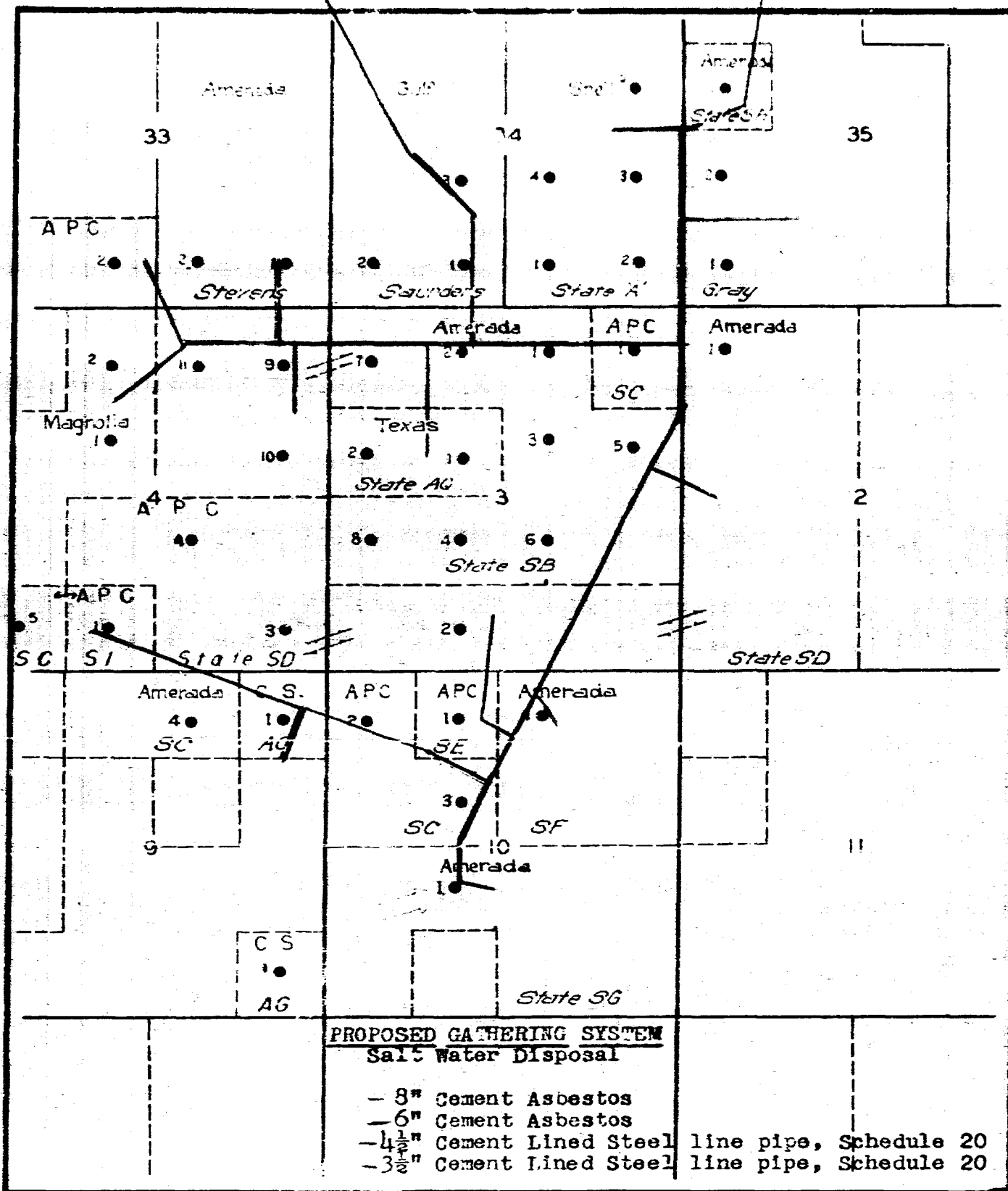
The following cases will be heard before Warren W. Mankin, Examiner:

- CASE 1191: Application of Gulf Oil Corporation for an order establishing a 240-acre non-standard gas proration unit in the Eumont Gas Pool in exception to Rule 5 (a) of the New Mexico Oil Conservation Commission Special Rules and Regulations for said pool, as set forth in Order R-520. Applicant, in the above-styled cause, seeks an order establishing a 240-acre non-standard gas proration unit in the Eumont Gas Pool comprising the SE/4 of Section 8, and the W/2 SW/4 of Section 9, all in Township 21 South, Range 36 East; said acreage to be dedicated to applicant's R. R. Bell "A" No. 2 Well located 660 feet from the South line and 660 feet from the East line of said Section 8.
- CASE 1192: Application of Amerada Petroleum Corporation for permission to convert its State S "G" No. 1 Well into a salt water disposal well in the San Andres, Paddock, Clearfork, and Abo formations of the Saunders Pool in accordance with New Mexico Oil Conservation Commission Statewide Rule 701. Applicant, in the above-styled cause, seeks an order granting permission to convert its State S "G" No. 1 Well into a salt water disposal well; said well is located in the NE/4 SW/4 of Section 10, Township 15 South, Range 33 East, Lea County, New Mexico. Applicant proposes to inject said salt water into the aforesaid four non-productive zones in the Saunders Pool through the annulus space between the intermediate and production casing.
- CASE 1193: Application of Amerada Petroleum Corporation for permission to convert its Amerada State S "C" No. 5 Well into a salt water disposal well in the Pennsylvanian formation in the Saunders Pool, Lea County, New Mexico, in accordance with New Mexico Oil Conservation Commission Statewide Rule 701. Applicant, in the above-styled cause, seeks an order granting permission to convert its previously abandoned State S "C" No. 5 Well into a salt water disposal well by injecting water into the Pennsylvanian formation, producing horizon in the Saunders Pool; said well is located in the SW/4 SW/4 of Section 4, Township 15 South, Range 33 East, Lea County, New Mexico.
- CASE 1194: Application of Magnolia Petroleum Company for permission to convert its T. Betenbough No. 2 Well into a salt water disposal well in the Pennsylvanian formation of the Bough Pool in accordance with New Mexico Oil Conservation Commission Statewide Rule 701. Applicant in the above-styled cause seeks an order granting permission to convert its previously abandoned T. Betenbough No. 2 Well into a salt water disposal well into the Pennsylvanian formation, the producing horizon in the Bough Pool; said well is located in the SE/4 SW/4 of Section 12, Township 9 South, Range 35 East, Lea County, New Mexico.

CASE 1195: Application of Graridge Corporation, Gulf Oil Corporation and Great Western Drilling Company in compliance with Rule 701 (a) of the New Mexico Oil Conservation Commission Statewide Rules and Regulations for an order granting approval of applicants proposed pilot water flood program in the Queen formation in the Caprock-Queen Pool in Lea and Chaves Counties, New Mexico. Applicants in the above-styled cause seek approval of their proposed pilot water flooding program for the purpose of secondary recovery in which water injection will be made into the Queen formation through six injection wells; said wells to be located in the S/2 of Section 31, Township 12 South, Range 32 East, the NE/4 of Section 6 and NW/4 of Section 5, Township 13 South, Range 32 East, Caprock-Queen Pool, Lea and Chaves Counties, New Mexico.

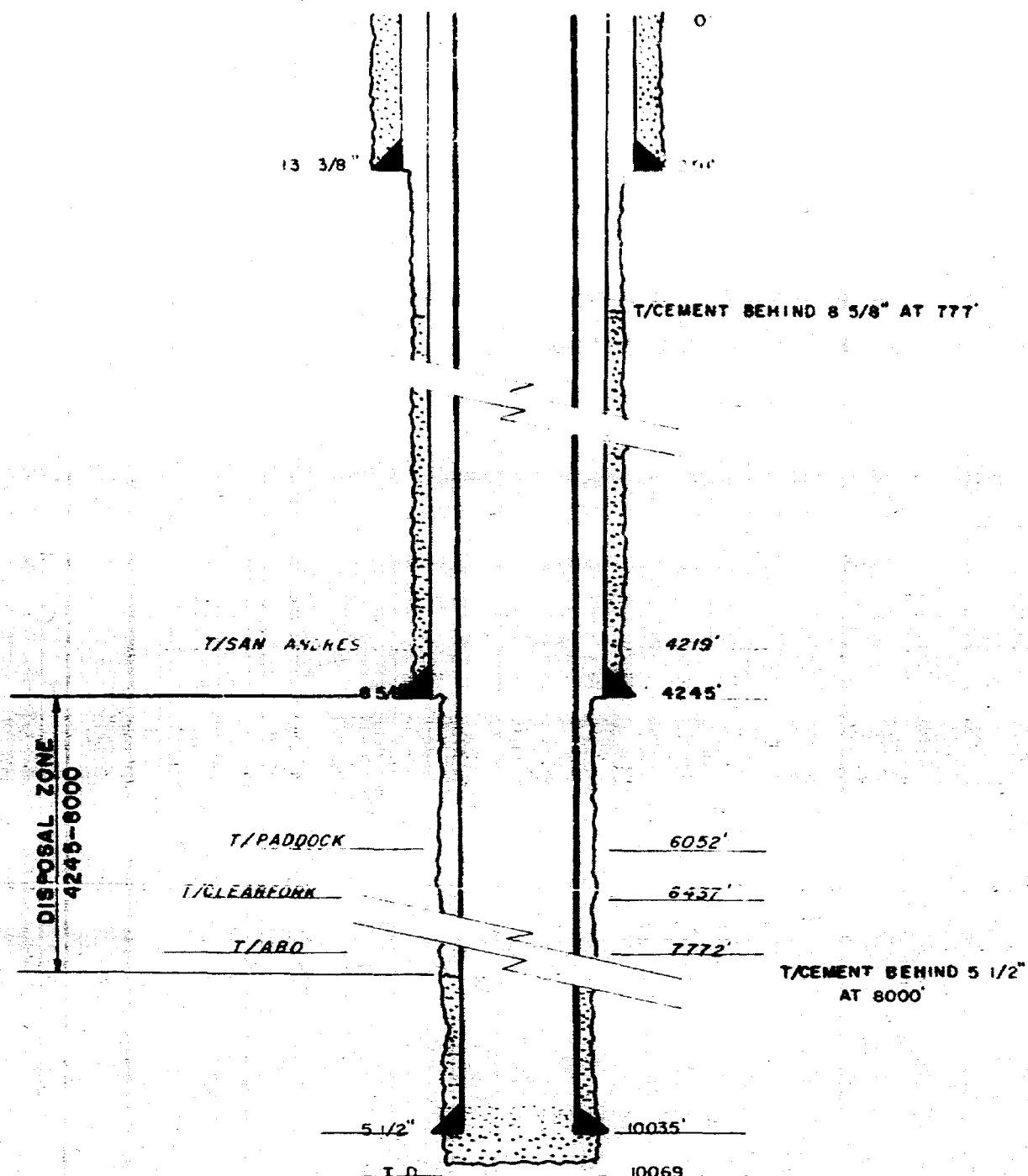
CASE 1196: Application of The Ibex Company for an order authorizing two pilot water flood projects in the Artesia Pool, Eddy County, New Mexico, in exception to Rule 701 of the New Mexico Oil Conservation Commission Statewide Rules and Regulations and further approval of the unorthodox location of a number of its old wells in said pool. Applicant, in the above-styled cause, seeks an order authorizing two separate pilot water flood projects in the Grayburg formation of the Artesia Pool; said projects to be effected by means of water injection through approximately 10 existing wells in Sections 21, 28, and 32, Township 18 South, Range 28 East, Eddy County, New Mexico. Applicant also seeks Commission approval of the unorthodox location of certain of its old wells in the Artesia Pool.

ir/



SAUNDERS POOL
LEA COUNTY, NEW MEXICO

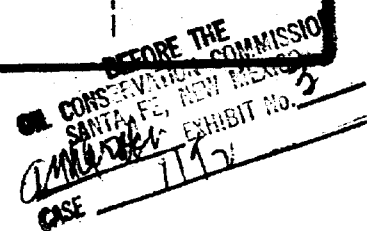
BEFORE THE COMMISSION
OIL CONS. DIVISION
SANTA FE, NEW MEXICO
Amerada EXHIBIT No. 1
CASE 1192 d/193



AMERADA PETROLEUM CORPORATION
 Proposed Bradenhead Salt Water Disposal Well Completion
 Saunders Pool, Lea County, New Mexico
 Amerada State S"G" No. 1, NE/4 SW/4 10-15S-33E

BEFORE THE
 OIL COMMISSION
 SANTA FE, NEW MEXICO
 EXHIBIT No. 2
 CASE 1192

Exhibit "B"



● Lost circulation in San Andres