

Case No.

1217

Application, Transcript,  
Small Exhibits, Etc.

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
March 14, 1957

TRANSCRIPT OF HEARING

Case No. 1217

DEARNLEY MEIER & ASSOCIATES  
INCORPORATED  
GENERAL LAW OFFICES  
ALBUQUERQUE - SANTA FE  
3-6631 2-2211

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
March 14, 1957

-----:  
IN THE MATTER OF: :

Application of Pan American Petroleum Cor- :  
poration for permission to convert its State :  
"A" Tract 9 Well No. 13, Hobbs Pool, into a :  
salt water disposal well in accordance with :  
Rule 701 of the Commission Rules and Regula- :  
tions. Applicant, in the above-styled :  
cause, seeks an order authorizing the con- :  
version of its State "A" Tract 9 Well No. 13, : Case No.  
located 990 feet from the North line and 2310 : 1217  
feet from the West line of Section 15, Town- :  
ship 19 South, Range 38 East, Lea County, New :  
Mexico, into a salt water disposal well in the :  
San Andres formation. The proposed point of :  
injection is below the oil-water contact. :  
-----:

BEFORE:

Honorable Edwin L. Mechem  
Mr. A. L. Porter  
Mr. Murray Morgan

TRANSCRIPT OF HEARING

MR. PORTER: The next case on the docket will be 1217.

MR. COOLEY: Case 1217. Application of Pan American Petroleum Corporation for permission to convert its State "A" Tract 9 Well No. 13, Hobbs Pool, into a salt water disposal well in accordance with Rule 701 of the Commission Rules and Regulations.

MR. SMITH: J. K. Smith; Pan American Petroleum Corporation would like to move for dismissal of the case. Mr. Kelly has already stated the reasons, and I consider it unnecessary to go into

the reasons again at this time. However, I would like to advise the Commission that we plan to select another well, or drill another well in the near future so that we will be proceeding with our plan for the disposal of salt water as quickly as possible. I might even say also that the next case, if you want to take it up at this time, we would like to dismiss it too.

MR. PORTER: Any objections to counsel's proposal to dismiss Cases 1217 and 1218? These cases will be dismissed.

MR. NUTTER: Let the record show that the reasons for the dismissal will appear in Case 1053, please.

MR. SMITH: I didn't quite understand the representative from Sun Oil Company's remarks about the transfer of allowable. Inasmuch as the cases are now moot, I guess we can leave to a future date whether transfer of allowable is equitable. We think it is or we wouldn't have made request for it at that time.

MR. PORTER: We will have to take that up at an appropriate time.

# C E R T I F I C A T E

STATE OF NEW MEXICO     )  
                               ) SS  
COUNTY OF BERNALILLO )

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal  
this 28<sup>th</sup> day of March 1957.

Paul Kearney  
Notary Public-Court Reporter

My commission expires:

June 19, 1959.

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

April 9, 1957

C  
O  
P  
Y

Mr. J. K. Smith  
Pan American Petroleum Corporation  
P.O. Box 1410  
Ft. Worth, Texas

Dear Sir:

We enclose a copy of Orders R-969 and R-970 issued April 5, 1957,  
by the Oil Conservation Commission in Cases 1217 and 1218, respectively,  
which were heard on March 14th.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.

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. 1217  
Order No. R-869

APPLICATION OF PAN AMERICAN  
PETROLEUM CORPORATION FOR  
PERMISSION TO CONVERT ITS STATE  
"A" TRACT 9 WELL NO. 13, LOCATED  
IN THE NE/4 NW/4 SECTION 15,  
TOWNSHIP 19 SOUTH, RANGE 38 EAST,  
NMPM, HOBBS POOL, LEA COUNTY, NEW  
MEXICO, INTO A SALT WATER DISPOSAL  
WELL.

ORDER OF DISMISSAL

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on  
March 14, 1957, at Santa Fe, New Mexico, before the Oil Conserva-  
tion Commission of New Mexico, hereinafter referred to as the  
"Commission."

NOW, on this <sup>5<sup>th</sup></sup> day of April, 1957, the Commission, a  
quorum being present 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 cause and the  
subject matter thereof.

(2) That the applicant, Pan American Petroleum Corporation,  
made an appearance by its attorney and requested that this case be  
dismissed.

IT IS THEREFORE ORDERED:

That the application of Pan American Petroleum Corporation  
in Case 1217 be and the same is hereby dismissed.

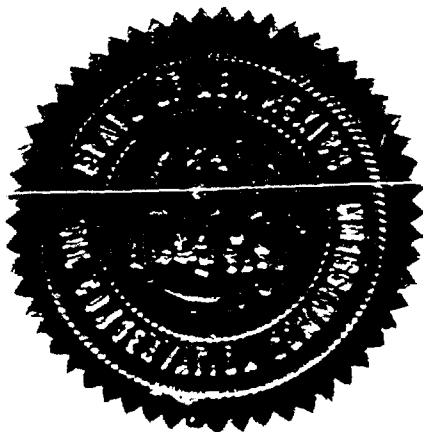
DONE at Santa Fe, New Mexico, on the day and year herein-  
above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

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



OK to  
write order of  
dismissal as per  
request of their  
attorney. (WOM 3/18/57)

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 3/18/57

CASE 1217 Hearing Date 3/14/57

My recommendations for an order in the above numbered cases are as follows:

Enter an order dismissing case. Applicant  
entered an appearance at the hearing and  
so requested.

Laurie Miller  
Staff Member

**PAN AMERICAN PETROLEUM CORPORATION**

Roswell, New Mexico  
February 18, 1957

File: E-36-986.510.1

Subject: Application to Convert State "A"  
Tract 9, Well No. 13, Hobbs Field  
to Salt Water Disposal Well in  
Accordance with Rule 701 of the  
NMOCC Rules and Regulations.

*Call 1017*  
*Regular*  
*met on*  
*3/14*

New Mexico Oil Conservation Commission (3)  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

Pan American Petroleum Corporation hereby makes application to convert its State "A" Tract 9 No. 13 located 990' FNL and 2310' FWL Section 15, Township 19S, Range 38E, Hobbs Field, Lea County, New Mexico, to a salt water disposal well in accordance with Rule 701. The location of the proposed disposal well and of all oil and gas wells in the vicinity are shown on the attached plat of a portion of the Hobbs Field. All wells in the vicinity of the proposed disposal well are producing from the Grayburg-San Andres formation which is the Hobbs Field pay horizon.

State "A" Tract 9 No. 13 was originally completed June 28, 1930 by Midwest Refining Company. Attached is the drillers log of the well. On initial potential it produced 423 BOPD, no water from an open hole interval of 4010' to 4178'. In an effort to decrease water production and increase oil production, the well was worked over in August, 1944. This workover consisted of squeezing the open hole interval 4010' to 4178' and deepening to 4297'. Tests below a formation packer set at 4266' showed the interval 4266' to 4297' to be water bearing. The interval 4257' to 4297' was then squeezed and the well was completed in the open section 4010' - 4257'. After acidizing with 2000 gallons and 4000 gallons, it was re-potentialized for 114 barrels of oil and 40 barrels of water per day. It has declined to a current production of about 5 barrels of oil and 60 barrels of water per day.

In the conversion of the well for salt water disposal it is proposed to deepen from 4257' to approximately 4400' in the San Andres formation. In completing the disposal well, it is planned to set a liner from above the present oil string casing seat to total depth. Sufficient cement will be used to assure that the two strings are tied together. The present condition of the hole and a brief outline of the procedure to be followed in completing

the well for salt water disposal is shown on the attached well diagram. The liner will then be perforated in indicated porous zones below the oil-water contact in the San Andres and salt water will be injected through these perforations.

Pan American Petroleum Corporation further requests that this case be heard at the March 14 regular hearing of the New Mexico Oil Conservation Commission. For simplification of presentation it is requested that this case be heard in conjunction with the companion case regarding transfer of the remaining allowable of State "A" Tr. 9 No. 13.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

  
C. L. Kelley  
District Superintendent

/dc  
Attachments

STATE "A" TR. 9 NO. 13  
HOBBS FIELD

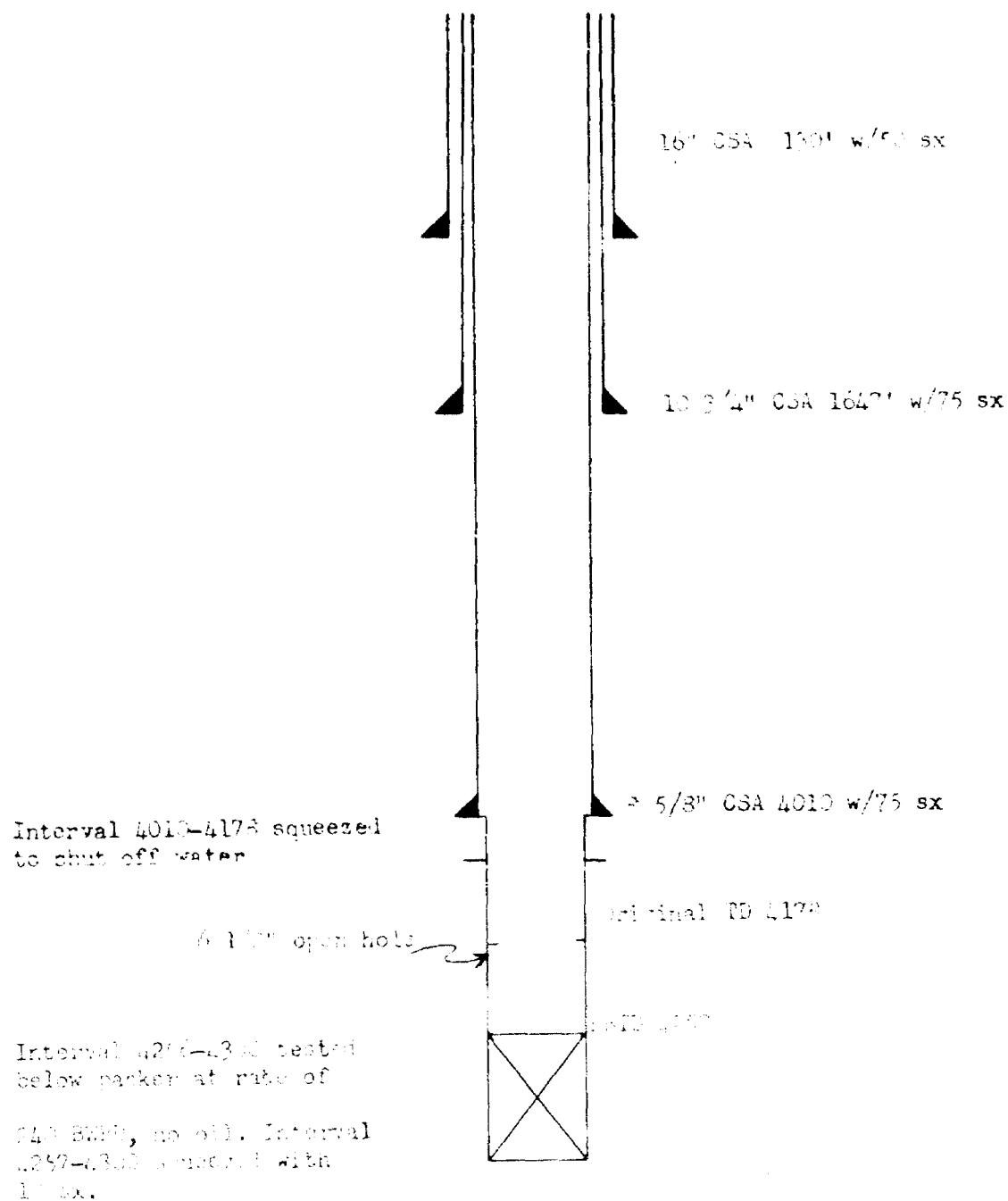
Log of Well

<u>FROM</u>	<u>TO</u>	<u>THICKNESS IN FEET</u>	<u>FORMATION</u>
0	45	45	Gypsum
45	120	75	Gypsum, red beds and sand
120	129	9	Sand
129	135	6	Anhydrite
135	140	5	Red Beds
140	200	60	Red shale
200	500	300	Red beds
500	599	99	Red beds and hard sand
599	955	356	Broken red rock and red shale
955	961	6	Red rock
961	1155	194	Red beds with streaks of hard sand
1155	1164	9	Red rock
1164	1266	102	Red rock and hard sand rock
1266	1275	9	Anhydrite
1275	1305	30	Hard sand
1305	1308	3	Lime
1308	1320	12	Broken red rock
1320	1360	40	Red rock and hard sand
1360	1363	3	Lime
1363	1423	60	Broken red rock
1423	1525	102	Broken red rock and red beds
1525	1533	8	Hard sand
1533	1553	20	Red rock
1553	1568	15	Hard sand
1568	1571	3	Boulders
1571	1596	25	Red rock
1596	1710	114	Anhydrite
1710	1725	15	Red beds
1725	2485	760	Salt
2485	2500	15	Anhydrite
2500	2650	150	Salt
2650	2725	75	Salt and anhydrite
2725	2780	55	Anhydrite
2780	2810	30	Red beds
2810	2835	25	Red rock
2835	2850	15	Anhydrite
2850	2880	30	Red rock
2880	2905	25	Anhydrite
2905	3230	325	Lime
3230	3235	5	Red rock
3235	3280	45	Anhydrite
3280	3345	65	Lime and anhydrite
3345	3670	325	Lime
3670	3685	15	Brown lime
3685	3760	75	Lime and anhydrite
3760	4178	418	Lime
4178	4297	119	Lime

Note: Cable tools were used from surface to 130 feet and from 1647' to 4178'.  
 Rotary tools were used from 130' to 1647', and from 4178' to 4297'.

PRESENT CONDITION OF WELL  
WELL DIAGRAM

State "A" Tr. 9 Well No. 13



IN PLACE PACKER

1. Drill out to total depth of 4175, possibly deeper to 4200
2. Test zone 4000-total depth below packer
3. If only water production encountered, run water injectivity tests
4. If tests successful, run water separator logs
5. Run and cement 6 1/2" liner
6. Perforate liner as determined by logs

FREE DEPOSITION AND HEARING ROOMS

• AIR CONDITIONED •

IN DOWNTOWN ALBUQUERQUE

## **DEARNLEY-MEIER REPORTING SERVICE, Inc.**

ADA DEARNLEY, PRESIDENT  
MARIANNA MEIER, SEC. TREAS.

FIELD MANAGER  
JERRY MARTINEZ  
OFFICE MANAGER  
STELLA MONTOYA

REPORTERS STAFF  
J. A. TRUJILLO  
PAUL R. DENNY  
J. CALVIN BEVELL  
SOVEIDA GONZALES

605 SIMMS BUILDING  
ALBUQUERQUE, NEW MEXICO  
P. O. BOX 1092      PHONE CH 3-6691

May 15, 1959

Specializing in  
DEPOSITIONS  
HEARINGS  
STATEMENTS  
EXPERT TESTIMONY  
DAILY COPY  
CONVENTIONS

Dear Ida:

Enclosed please find a register dated March 14, 1957  
which we found a few days ago when we were going through our  
files.

ADA

*See 1217*

*Our Experience Assures Superior Service*

[illegible]

## NEW MEXICO OIL CONSERVATION COMMISSION

Maury Hall

Santa Fe, NEW MEXICO

REGISTER

HEARING DATE March 14, 1957

TIME: 9:00 a.m.

NAME:	REPRESENTING:	LOCATION:
Prentiss Watts Jr	Agricultural Basis Co	Hobbs —
Duncan V. Satty	APIC	Okl City
Charles F. White	Anderson-Pritchard	Okl. City
J. M. Rice	REO Inc	Ottawa Kan
Louis E. Rice	Smith, Lister & Co.	Lawrence, Mo.
F. B. Starnes	Anderson Pritchard	Lawrence, Mo.
W. W. Hyman	Co. Industrial Sales Inc	Lawrence, Mo.
E. J. West	"	Lawrence, Mo.
J. C. Smith	Lawrence	Lawrence
G. A. Hall	Sun. Co.	Lawrence
M. Lawrence	"	"
& B. E. Hughes	"	"
W. H. Jones	Sun. Co.	Lawrence
H. E. Jones	"	Lawrence
O. P. Nichols	O. P. Nichols	Lawrence
C. F. Lane	Phillips	Lawrence
M. E. Jones	Phillips	Lawrence
H. E. Jones	Phillips	Lawrence







RE: Dada  
W H Leach,  
Sam Hays  
W Hays,  
Don Walter

F. Norman Davidson  
W. P. Tomlinson

St. Louis, Mo.  
Magnolia  
Heaven Pet. Corp.  
St. Louis, Mo.  
June 10, 1911

At Kent's Chgo. Co. Midland

Tatum  
Tulla  
a. 111  
H. V. V. V.

Midland