

CASE 5487: J. I. O'NEILL, JR.,
FOR SALT WATER DISPOSAL,
ROOSEVELT COUNTY, NEW MEXICO

CASE NO.

5487

APPLICATION,
TRANSCRIPTS,
SMALL EXHIBITS,

ETC.



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE

87501

July 23, 1975

I. R. TRUJILLO
CHAIRMAN

**LAND COMMISSIONER
PHIL R. LUCERO
MEMBER**

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY — DIRECTOR

Mr. Donald G. Stevens
Attorney at Law
Post Office Box 1797
Santa Fe, New Mexico

Re. CASE NO. 5487
ORDER NO. R-5037

Applicant:

J. I. O'Neill, Jr.

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Yours very truly

JOE D. RAMEY
Secretary-Director

JDR/fd

Copy of order also sent to:

Hobbs OCC	<u> x </u>
Artesia OCC	<u> </u>
Aztec OCC	<u> </u>

Other _____

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 5487
Order No. R-5037

APPLICATION OF J. I. O'NEILL, JR.,
FOR SALT WATER DISPOSAL, ROOSEVELT
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 28, 1975,
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 22nd day of July, 1975, the Commission,
a quorum being present, having considered the record and the
recommendations of the Examiner, and being fully advised in
the premises,

FINDS:

That the applicant's request for dismissal should be
granted.

IT IS THEREFORE ORDERED:

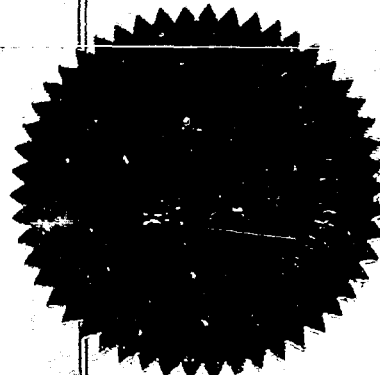
That Case No. 5487 is hereby dismissed.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


PHIL R. LUCERO, Member


JOE D. RAMEY, Member & Secretary


S E A L

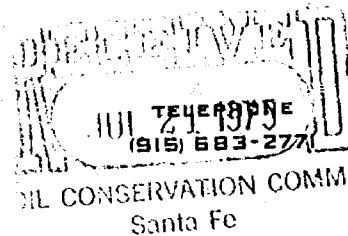
dr/

Case 5487

JOSEPH I. O'NEILL, JR.
OIL PROPERTIES
P. O. BOX 2840

410 WEST OHIO
MIDLAND, TEXAS 79701

July 17, 1975



New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Richard L. Stamets


Gentlemen:

Re: Case #5487, dated May 28, 1975

We are no longer in need of the State "L" #2 well for salt water injection.

Please dismiss the above hearing.

Yours very truly,


E. T. Anderson

ETA/hg

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
May 28, 1975

EXAMINER HEARING

IN THE MATTER OF:

Application of J.I. O'Neill, Jr.,
for salt water disposal, Roosevelt
County, New Mexico.

Case No.
5487

BEFORE: Richard L. Stamets, Examiner.

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Applicant:

Donald G. Stevens, Esq.
214 Old Santa Fe Trail
Santa Fe, New Mexico 87501

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

I N D E X

E.T. ANDERSON

Direct Examination by Mr. Stevens

3

Cross Examination by Mr. Stamets

10

PAGEE X H I B I T SMarkedAdmittedApplicant's Exhibits Nos.
1 through 3

--

9

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

MR. STAMETS: The hearing will please come to order. We will call at this time Case 5487, being Application of J.I. O'Neill, Jr., for salt water disposal, Roosevelt County, New Mexico.

MR. STEVENS: Mr. Examiner, I'm Don Stevens, Attorney, Santa Fe, representing the Applicant. We have one witness to be sworn.

(Witness sworn.)

E.T. ANDERSON

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. STEVENS:

Q Would you state your name, please, your residence and occupation, please?

A It's E.T. Anderson, Midland, Texas, and I'm a Petroleum Engineer employed by Joseph I. O'Neill, Jr.

Q What capacity are you employed by Mr. O'Neill?

A As a Petroleum Engineer.

Q Have you testified previously before this Commission and had your qualifications accepted?

A I have testified; I don't recall the acceptance of --

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

Q Could you very briefly summarize your educational and work background.

A I graduated from Oklahoma University in 1940 as a Petroleum Engineer and I have spent my life in the oil business.

Q What companies principally did you work for?

A I have worked for Simms Oil Company, Gulf Oil, and O'Neill.

Q Was this in the capacity as Petroleum Engineer?

A Previous to O'Neill it was previous to the graduation.

Q I see. Since graduation --

A (Interrupting) I worked for Dow Well also as a Petroleum Engineer, in the Dow Chemical Company.

Q I see.

MR. STEVENS: Are the Witness' qualifications acceptable?

MR. STAMETS: Just one question. You have worked for Mr. O'Neill since 1940?

MR. ANDERSON: Since '40, yes.

MR. STAMETS: As a Petroleum Engineer?

MR. ANDERSON: No, I went with O'Neill in '50 as a Petroleum Engineer. I went with Dow Chemical in

'40, Dow Well.

MR. STAMETS: So you have 25 years of petroleum engineering experience with J.I. O'Neill?

MR. ANDERSON: Right.

MR. STAMETS: Yes, the Witness is considered qualified.

BY MR. STEVENS:

Q Mr. Anderson, would you briefly explain what the Applicant seeks in this hearing?

A We own a well that's in the SW of the SW of 16, 8, 36. It is a small producer; produces a small amount of oil and approximately 50 barrels of water per day.

Q Excuse me for just a moment. In this respect I will ask you to refer to Applicant's Exhibit No. 1.

MR. STAMETS: Do you have a set of those for me?

MR. STEVENS: Oh, I'm sorry. I meant to give you one and I didn't.

A On Exhibit No. 1 the well is shown. Also on this Exhibit are the two cross sections which are Exhibits 2 and 3.

Q Summarily, the Applicant seeks what at this

hearing?

A We have been injecting water in the NW of the SE of 16, and that well was in the Bough C, and it has had casing collapse, or some trouble, so we would now like to inject water in the SE of the SW of 16, which is the O'Neill State L No. 2.

Q All right, excuse me, is that well you were injecting into in the NW of the SE or --

A (Interrupting) NW of the SE -- oh, excuse me, NW of the SW, excuse me.

Q And what is the significance of the red wells and lines and the blue wells and lines on that Exhibit?

A All right. The red lines are the wells east and west cross section as shown in Exhibit 2, and also on Exhibit 2 would be the well in which we wish to inject water, which is the State L No. 2. On this Exhibit --

Q (Interrupting) Excuse me, before you refer to that Exhibit, would you explain the significance of the blue lines and then we will come back to that Exhibit.

A The blue line is a cross section north and south.

Q And those are Pennsylvanian wells?

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

A They are in the Bough C, correct.

Q Okay. Now, referring to Exhibit 2, would you please go through it for the Commission, please?

A All right. Exhibit 2 is the east west cross section and on this Exhibit you will see the perforations in the proposed salt-water disposal well, and also the producing section in the State L No. 1.

Q Which of these wells, for my information, was the original injection or producing well in this Exhibit?

A The original producing well and the present producing well is the one in the center of the Exhibit. The disposal well is shown in Exhibit 3, and it would be -- it is the well on the left.

Q That is the old disposal well?

A Yes.

Q And the reason that this well is being abandoned was what?

A We've encountered some injection problems, probably a casing collapse, and we will re-enter the well, of course, to plug it. If we can clean it up we will continue to dispose water in that well because it takes it at no pressure.

Q Okay. Referring again to the Exhibit No. 2,

would you go through the details of the proposed salt-water injection program in that well?

A Well, we would use, of course, the present casing; we would use plastic-line tubing, a packer, treated water in the annulus, and treat the injection water and maintain a pressure observance on the casing.

Q Will you have an inert fluid in the annulus behind the tubing and casing?

A Yes, we would.

Q Would the surface-pressure indicator be monitored by your field personnel?

A Daily.

Q Daily. Is this water you are proposing to inject from a producing San Andres well offsetting this well; is this the same formation and water going into the injection well in the same formation as the producing well?

A Yes.

Q In your opinion, will this have an injurious effect upon your producing capacities?

A No, we really think it might help a little; we might get a little bit of flood out of it.

Q Referring to what has been marked as Exhibit No.

4, would you explain those for the Commissioner?

A These are waivers of objections on the part of Hubber Corporation, Carols Production Service, and Petro-Fina, which are the offset operators to the present producing well.

Q Are there any offset operators who object to this proposed --

A (Interrupting) We have had no objections.

Q In your opinion, would the granting of this Application intend to prevent waste and protect correlative rights?

A I think it would, and I think it would also maintain a marginal well.

Q Were Exhibits 1 through 3 prepared by you or under your direction?

A They were.

MR. STEVENS: I would like to move the introduction of these Exhibits at this time.

MR. STAMETS: The Exhibits will be admitted.

(Whereupon, Applicant's Exhibits Nos. 1 through 3 were admitted into evidence.)

MR. STEVENS: We have no further questions,

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0386

Mr. Examiner.

CROSS EXAMINATION

BY MR. STAMETS:

Q Mr. Anderson, is there only a single well producing from the San Andres in this pool?

A No. The ones that I have knowledge of are Hubber's, which is the S/2 of the SE of 17, those two wells.

Q Yes.

A And then the well to the south and the well to the SW, our present producing well, are not producing from the San Andres; these are deeper wells.

Q The Commission's records would show what other wells are producing in this area?

A Correct.

Q What about these other wells that you show in here, especially the deeper wells; do you know if these are adequately cemented to the San Andres section?

A This I do not know, but surely they considered this when they reviewed this request.

Q My concern would be the potential for migration of the injected fluids into the wellbore between the casing and the pole in some of these offsetting deeper

wells and then between the vertical migration, where the water can get into other formations than the one that you propose here.

A Of course, much of this answer would depend on the intermediate strings that were run in those wells; I just do not have the data. I can get it for you.

Q Are there any other injection wells, to your knowledge, operating in this area?

A There are some more, but where they are I do not know; I really don't.

Q I believe the Examiner would like to have the information on these wells in -- oh, say within a mile of the proposed injection well, as to whether or not they are all cemented through the San Andres section.

A All right. Within a mile?

Q Right. Now, as I recall from your testimony, you do plan to go in and work over this -- I guess it's the No. 1 Well?

A Yes, it's the O'Neill No. 1.

Q Which was your former salt-water disposal well?

A Correct.

Q If you are successful in your work-over operations, will you need the No. 2 Well also?

A No, we will not.

Q So this is --

A (Interrupting) I would like to maintain it as a temporarily abandoned well, as I have done, for this very reason; for a possible future injection well.

Q Okay. Would your field people, of course, report any leakage of water on the surface or from around any producing or abandoned wells, or whatever?

A They certainly will, yes.

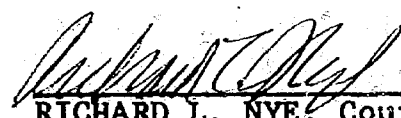
Q And also I believe your Application, which came in on Form C-108, reflects the manner in which you propose to complete and utilize the salt water disposal well?

A Correct.

MR. STAMETS: Are there any other questions of this Witness? He may be excused. Anything further in this Case? We will take the Case under advisement.

STATE OF NEW MEXICO)
)
COUNTY OF SANTA FE) SS.

I, RICHARD L. NYE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.


RICHARD L. NYE, Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5487 heard by me on 5-28 1975.


Richard L. Nye, Examiner
New Mexico Oil Conservation Commission

THE NYE REPORTING SERVICE
STATE-WIDE DEPOSITION NOTARIES
225 JOHNSON STREET
SANTA FE, NEW MEXICO 87501
TEL. (505) 982-0366

Case 5487

JOSEPH I. O'NEILL, JR.
OIL PROPERTIES

May 2, 1975

410 WEST OHIO
MIDLAND, TEXAS 79701

TELEPHONE
(915) 683-2771

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

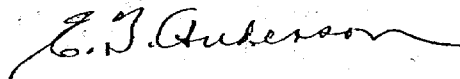
Gentlemen:

Reference is made to Form No. C-108, which we submitted
April 17, 1975.

We herewith request a hearing on our application to inject salt
water in the temporarily abandoned Joseph I. O'Neill, Jr.,
State "I." #2, located 1980' from the West line and 660' from the
South line, Section 16, T 8S, R 36E, Roosevelt County, New
Mexico.

Please advise the date of the hearing.

Yours very truly,


E. T. Anderson

ETA/hg

DOCKET MAILED

Date 5/16/75

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

Operator **Joseph I. O'Neill, Jr.** Address **410 West Ohio, Midland, Texas**
 Lease Name **State I** Well No. **2** Field **South Prairie (SA)** County **Roosevelt**
 Location
 Unit Letter **N** Well is located **1980** feet from the **West** line and **600** feet from the **South** line, section **16** township **8S** range **36E** NMPM.

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8"	266.95	200	Circulated	Circulated
INTERMEDIATE					
LONG STRING	4-1/2"	5022	240	4100	Temperature Survey
TUBING	2-3/8"	4800	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "R"		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 4790		BOTTOM OF FORMATION 5022
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? 2-3/8" tubing		PERFORATIONS OR OPEN HOLE? Perforations		PROPOSED INTERVAL(S) OF INJECTION 4852 - 5001	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil well		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH Single shots, 4852, 4853, 4854, 4861, 4862, 4863, 4864, 4865, 4900, 01, 02, 4914, 15, 16, 17, 20, 4921, 22, 26, 27, 28, 4945, 46, 4998, 99, 5000,					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 240'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA 5001'	
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 100	MINIMUM 50	MAXIMUM 150	OPEN OR CLOSED TYPE SYSTEM Closed system	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1000#
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes			NATURAL WATER IN DISPOSAL ZONE Yes		
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Henry Reid - Milnesand, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Cosden - Big Spring, Texas					
Coastal States - Box 235 - Wilco Bldg., Midland, Texas 79701					
Roden Oil - First Savings & Loan Bldg., Midland, Texas 79701					
<div style="text-align: right;">APR 21 1975 NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe</div>					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes		SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-D) Yes		PLAY OF AREA Yes		ELECTRICAL LOG Yes	
				THE NEW MEXICO STATE ENGINEER Yes	
				DIAGRAMMATIC SKETCH OF WELL Yes	

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Robert Bigard **Drilling Foreman** **April 17, 1975**
 (Signature) (Title) (Date)

NOTE: Should waiters from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

Exhibit 8
Order No. R-2761

Case 5487

SOU

BC

10

ell
1500

Atlantic
Love-Fed
TD 10000

-5602 U.S.

Atlantic
Love-Fed
I-A

TD 9803
-5592

J.I. O'Neill, Jr

-5540

Atlantic-Fed

Roden Oil

-5583

-5549 U.S.

Harral

Ohio

-5572

McCoy et al

Hatch

-5566

Cosden

-5590

-5524

Lone Star

-5529

-5568

-5571

Cosden

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

-5544

-5529

Lone Star

-5568

-5571

Lone Star

-5576

Chambers & Kennedy

-5586

Cosden

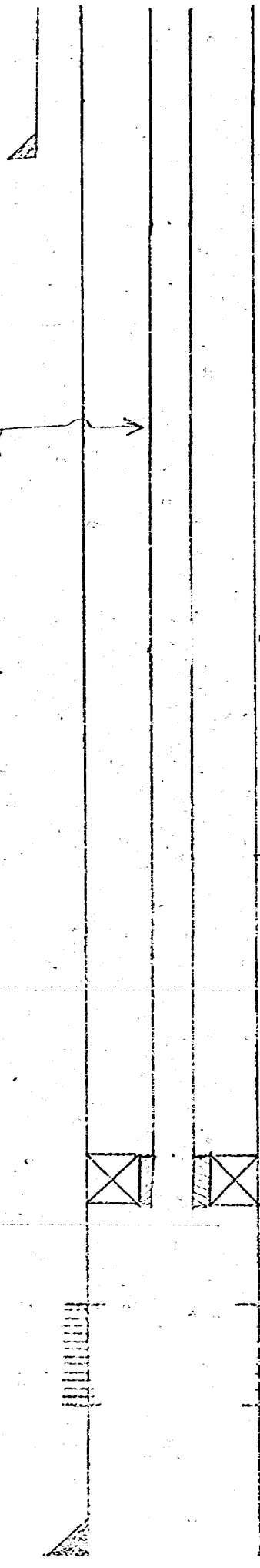
-5544

-5529

Lone Star

Joseph T. Orcutt Jr.

State L # 2

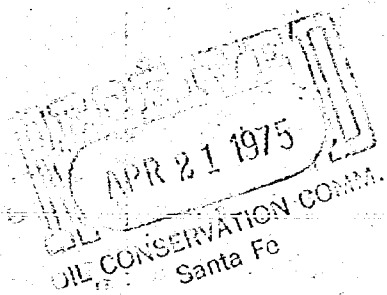


2 3/8"
plastic coated.

8 5/8" 24" set @ 266'

Packer fluid treated fresh water

top of cement 4100'



4 1/2" Baker model "R" Packer set
4800'

top of perforations 4852'

Bottom of perforations 5001'

PB T.D. 5018'

4 1/2" 9.50" J-55, std. set @ 5022'

Case 5487

NOCOR CHEMICAL, INC.

Box 2049

Odessa, Texas

FE 2-8561

January 7, 1965

ANALYTICAL SERVICE LABORATORY

Wulfe

FOR

County ~~Tarrant~~ Roosevelt Lease State L

Joseph I. O'Neill, Jr.
P. O. Box 147
Brownfield, Texas

Field South Prairie Well No. 1
San Andres

Formation San Andres Depth 4800'
4854'

Date Sampled 12-29-64 Sample Point

Attention: Jack Barr

WATER ANALYSIS CONSTITUENTS DETECTED

(Reported as parts per Million)

*- Cancel figures -
El Chapo Jacobs Federal # 17
Midland SA Field*

1.260 Specific Gravity	1.163 @ 74°F	Total Iron	6.3	pH	6.5	Sulfate	1240	800
112,500 Chloride	141,000	73,347 Sodium	57,316	18,240 Calcium	21,400	Phosphate		
517 Bicarbonate	605	Sulfide	Present	9248 Magnesium	5352	Total Hardness (as Ca CO ₃)	75,800	24,100
Barium		TOTAL DISSOLVED SOLIDS	226,913				275,052	

IRON COUNT REPORT

LEASE	WELL NO.	DATE SAMPLED	DOSAGE QTS. PER DAY	PROD. GROSS & % CUT	IRON COUNT P. P. M.
-------	----------	--------------	------------------------	------------------------	------------------------

*Sample about 2 weeks after completion
Top zone Only*

CORROSION REPORT

Production BOPD _____ BOPD _____ MMCF Gas/Day _____
Coupon data: Coupon No. _____ Wt. Loss (grams) _____
Test Period: _____ To: _____
Average Corrosion rate MPY: _____
Description of corrosion: _____
Chemical Treatment _____

Original Report to:

Remarks:

cc:

Midland Office
Sales
Lab
BG/djn

Signed Betty Gobe
NOCOR CHEMICAL, INC.



MAY 21 1975

AMERICAN PETROFINA COMPANY OF TEXAS

POST OFFICE BOX 1311 • BIG SPRING, TEXAS 79720
May 20, 1975

Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

American Petrofina Company of Texas waives objection to the application by Joseph I. O'Neill, Jr. to inject salt water into the State "L" No. 2 well located in Unit N, Section 16, T-8-S, R-36-E, Prairie San Andres, South Pool, Roosevelt County, New Mexico. The injection interval of this well is to be 4852' to 5001'.

Yours very truly,

R. C. Bott
R. C. Bott

RCB:gy

BEFORE EXAMINER STAMETS	
OIL CONSERVATION COMMISSION	
APP	EXHIBIT NO. 4
CASE N	5487
Submit.	APP.
Hearing	5-28-75

CARROLL'S PRODUCTION SERVICE

P. O. Box 912 — Phone 396-5029
LOVINGTON, NEW MEXICO 88260

May 21, 1975

MAY 22 1975

J. I. O'Neil, Jr.
410 West Ohio
Midland, Texas 79701

Att: Mr. Ed Anderson

Re: 5487

Dear Mr. Anderson:

This letter is to inform you that I have no objection to you injecting disposed water in the San Andres Formation in the South Prarie San Andres Pool.

Well designation to be State L#2 located in Unit N Section 16-85-36E with injection intervals of 4852-5001.

If I can be of any more help, let me know.

Sincerely,

Carroll Neely

Carroll Neely
CN/pw

J. M. Huber Corporation

1906 Wilco Building

Midland, Texas 79701

OIL AND GAS
DIVISION

May 23, 1975

TELEPHONE
MUTUAL 2-3794

New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Case 5487, Application of
J.I. O'Neill, Jr., Proposed
SWD Well, State "L" No. 2
Section 16-T8S-R36E,
Roosevelt County, New Mexico

Gentlemen:

J.M. Huber Corporation is the operator of the Perry Federal No. 2 well located in the SE/4 of the SE/4 of Section 17, T8S-R36E, Roosevelt County, New Mexico. The Perry Federal No. 2 well produces from the San Andres formation, and is in the South Prairie San Andres Pool.

J.M. Huber Corporation is familiar with the above referenced application of J.I. O'Neill, Jr., and, hereby, waives any objection to J.I. O'Neill's application to dispose of produced salt water by injection into the San Andres formation.

Very truly yours,

J.M. HUBER CORPORATION

James R. Sutherland

James R. Sutherland
District Production Manager

JRS:mt

Docket No. 13-75 is tentatively set for hearing on June 11, 1975. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - MAY 28, 1975

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 5468: (Continued from the April 30, 1975 Examiner Hearing)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Kenneth M. Hankins, Great American Insurance Company, and all other interested parties to appear and show cause why the Virginia Branch Well No. 1, located in Unit D of Section 9, Township 10 North, Range 25 East, Guadalupe County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5485: Application of Yates Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Tidwell ED Well No. 1, located in Unit P of Section 22, Township 17 South, Range 26 East, Kennedy Farms Field, Eddy County, New Mexico, in such a manner as to produce gas from the Atoka and Morrow formations through the tubing-casing annulus and tubing, respectively.

CASE 5486: Application of Yates Petroleum Corp. for two unorthodox gas well locations, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well locations for two proposed wells adjacent to the Atoka-Pennsylvanian Gas Pool, Eddy County, New Mexico, the first to be located in the center of Unit O of Section 25, Township 17 South, Range 25 East, the E/2 of said Section 25 to be dedicated to the well, and the second to be located in the center of Unit M of Section 31, Township 17 South, Range 26 East, the W/2 of said Section 31 to be dedicated to the well.

CASE 5487: Application of J. I. O'Neill, Jr., for salt water disposal, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval for the disposal of produced salt water by injection into the San Andres formation through the perforated interval from 4852 feet to 5001 feet in his State L Well No. 2, located in Unit N of Section 16, Township 8 South, Range 36 East, South Prairie-San Andres Pool, Roosevelt County, New Mexico.

CASE 5488: Application of Texas Pacific Oil Co. for pool contraction and extension, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order contracting the vertical limits of the Jalmat Gas Pool underlying the N/2 NE/4 and the SE/4 NE/4 of Section 4, Township 23 South, Range 36 East, Lea County, New Mexico, by the deletion therefrom of the lowermost 160 feet of the Seven Rivers formation, and the concurrent extension of the vertical limits of the Langlie Mattix Pool underlying said lands to include therein the said lowermost 160 feet of the Seven Rivers formation, further to similarly contract the vertical limits of the Jalmat Gas Pool underlying the NW/4 SW/4 of Section 3, Township 23 South, Range 36 East, by the deletion of the lowermost 135 feet of the Seven Rivers and the concurrent extension of the Langlie Mattix Pool to include the lowermost 135 feet of the Seven Rivers.

CASE 5489: Application of Texas Pacific Oil Co., Inc. for a waterflood expansion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the expansion of its Jalmat State "A" and/or its Langlie Mattix State "A" waterflood projects, Jalmat and Langlie Mattix Pools, by the injection of water into the Seven Rivers and Queen formations through its State "A" Wells Nos. 47 and 63 located, respectively, in Units K and I of Section 3 and its State "A" Well No. 84, located in Unit G of Section 23, all in Township 23 South, Range 36 East, Lea County, New Mexico.

CASE 5490: Application of Tenneco Oil Co. for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water by injection into the Strawn formation through the perforated interval from 11,164 feet to 11,470 feet in its Jones Federal "D" Well No. 1, located in Unit E of Section 24, Township 19 South, Range 31 East, Lusk-Strawn Pool, Eddy County, New Mexico.

CASE 5491: Application of Murphy H. Baxter for an unorthodox oil well location and an administrative procedure, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox oil well location for a well to be drilled 1980 feet from the North line and 1460 feet from the East line of Section 1, Township 18 South, Range 33 East, North EK-Queen Pool, Lea County, New Mexico. Applicant further seeks the establishment of an administrative procedure whereby additional wells at unorthodox locations in the North EK-Queen Unit Area could be approved without notice and hearing.

CASE 5469: (Continued and Readvertised)

Application of Read & Stevens for an unorthodox gas well location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of a well to be drilled at a point 990 feet from the South and West lines of Section 7, Township 15 South, Range 28 East, Chaves County, New Mexico, in exception to the Buffalo Valley-Pennsylvanian Gas Pool Rules.

- CASE 5492: Application of David Fasken for downhole commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Canyon and Morrow production in the wellbore of his El Paso Federal Well No. 2, located in Unit M of Section 2, Township 21 South, Range 26 East, Avalon Field, Eddy County, New Mexico.
- CASE 5493: Application of Texas West Oil & Gas Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the E/2 of Section 5, Township 24 South, Range 34 East, Bell Lake Field, Lea County, New Mexico, to be dedicated to a well to be drilled at an orthodox location for said unit in Unit G of said Section 5. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision. Also to be considered will be the designation of applicant as operator of the well and a charge for the risk involved in drilling said well.
- CASE 5494: Application of Burleson and Huff for compulsory pooling, a non-standard gas proration unit, and an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Jalmat Gas Pool underlying the NW/4 of Section 35, Township 25 South, Range 37 East, Lea County, New Mexico, and in the Langlie Mattix Pool underlying the NW/4 NW/4 of said Section 35 to form a non-standard 160-acre Jalmat gas proration unit and a standard 40-acre Langlie Mattix oil proration unit, each to be dedicated to applicant's Dabbs Well No. 2, located at an unorthodox Jalmat gas well location 330 feet from the North line and 990 feet from the West line of said Section 35. Also to be considered will be the cost of re-entering, drilling, and completing said well and the allocation of such costs as well as actual operating costs and charges for supervision. Also to be considered will be the designation of the applicant as operator of the well and a charge for the risk involved in re-entering, drilling, and completing said well.