

7-11-64 Magnolia Petr. Co. application
for permission to convert Betendough #2 well
to under-salt water disposal well.

Case No.

1194

Application, Transcript,
Small Exhibits, Etc.

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. 1194
Order No. R-980

APPLICATION OF MAGNOLIA PETROLEUM
COMPANY FOR AN ORDER GRANTING
PERMISSION TO CONVERT ITS T.
BETENBOUGH NO. 2 WELL, LOCATED IN
THE SE/4 SW/4 OF SECTION 12, TOWNSHIP
9 SOUTH, RANGE 35 EAST, NMPN, INTO A
SALT WATER DISPOSAL WELL IN THE
PENNSYLVANIAN FORMATION OF THE BOUGH
POOL, LEA COUNTY, NEW MEXICO.

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 V. Mankin,
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 12th day of February, 1957, the Commission,
a quorum being present, having considered the application, the
evidence adduced and the recommendations of the Examiner, Warren
V. Mankin, 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 an abandoned oil well
in the Bough Pool known as its T. Betenbough No. 2, located in the
SE/4 SW/4 Section 12, Township 9 South, Range 35 East, NMPN, Lea
County, New Mexico.

(3) That applicant proposes to inject salt water through
open hole from 9608 feet to 9639 feet into the Bough Lime.

(4) That applicant's proposed salt water injection
program will not jeopardize the production of oil or gas or fresh
water in the area.

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

IT IS THEREFORE ORDERED:

1. That the applicant, Magnolia Petroleum Company, be
and the same is hereby authorized to convert its T. Betenbough
Well No. 2, located in the SE/4 SW/4 Section 12, Township 9 South,

-2-

Case No. 1194
Order No. P-888

Range 35 East, NE1/4, into a salt water disposal well in the Pennsylvanian formation of the Dough Pool. All salt water will be injected into the Pennsylvanian formation of the Dough Pool through open hole at a depth of 2000 feet to 2200 feet.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Nechem

EDWIN L. NECHEM, Chairman

M. E. Morgan

MURRAY E. MORGAN, Member

A. L. Porter, Jr.

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

15/

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

February 18, 1957

Mr. Ross Madole
Magnolia Petroleum Company
P.O. Box 988
Dallas, Texas

Dear Sir:

We enclose a copy of Order R-950 issued February 14, 1957,
by the Oil Conservation Commission in Case 1194, which was heard
on January 9th at Santa Fe.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

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Encl.

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CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

CASE 1194

Hearing Date 1-9-57

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

1. The proposed salt water injection well is the ~~Magnolia~~ T. Betenbough #2, located 1975/W, 660/S of sec. 12 - 95-35E.

3. The salt water is to be injected into the ^{the Bough Pond} ~~Bough~~ - Pennsylvanian pay ^{than} ~~than~~ ^{to} ~~to~~ form hole at a depth of 9606 to 9639.

5- The Completion and injection method is satisfactory.

6. The injection well is located within the horizontal boundaries of the Bough-Burns Petroleum Pool.

7. ~~out~~ Pool. There is no objection from the operators in this Pool.

Staff Member

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 Ibox 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.

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BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

IN THE MATTER OF:

Case No. 1194

TRANSCRIPT OF PROCEEDINGS

DEARNLEY - MEIER & ASSOCIATES
INCORPORATED
GENERAL LAW REPORTERS
ALBUQUERQUE - SANTA FE
3-6691 2-2211

January 9, 1957

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

IN THE MATTER OF:

Application of Magnolia Petroleum Company for :
permission to convert its T Betenbough No. 2 :
Well into a salt water disposal well in the : No. 1194
Pennsylvanian formation of the Bough Pool in :
accordance with New Mexico Oil Conservation :
Commission Statewide Rule 701. :

BEFORE:

Mr. Warren W. Mankin, Examiner

TRANSCRIPT OF PROCEEDINGS

MR. MANKIN: The next case on the docket is Case
No. 1194.

MR. GURLEY: Case No. 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.

(Witness sworn.)

R. J. CHRISTENSEN

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

DIRECT EXAMINATION

BY: MR. MADOLE:

Q Mr. Christensen will you state your name, please.

A R. J. Christensen.

Q Have you previously testified before this Commission in any matter?

A No, sir.

Q Will you outline your educational background, please.

A I have a Bachelor of Science degree from the University of Houston 1952, worked as petroleum engineer for Magnolia since that date. Presently, I am area petroleum engineer in Hobbs, New Mexico.

Q Will you outline some of your previous experience in Magnolia Petroleum Company, Mr. Christensen.

A I was area engineer in Electra, Texas, at which time I worked on secondary recovery work and I have testified as a technical witness at the Railroad Commission in Austin, and have been in the New Mexico area since August of 1955.

MR. MADOLE: Are the Witness's qualifications acceptable?

MR. MANKIN: The qualifications are acceptable, yes.

Q In Case No. 1194, Mr. Christensen, Magnolia Petroleum Company is proposing to convert it's T Retenbough Well Number Two, as described, into a salt water disposal well. I would like at the outset if the Commission, please, to correct an allegation in the petition in which it is alleged that this well is plugged and abandoned; it should be that this well was temporarily abandoned, and that actually, it had not been plugged. Mr. Christensen,--

MR. GURLEY: Just a minute, Mr. Madole.

MR. MANKIN: Your recommendation for the amendment is acceptable.

Q This application is part of the program for salt water disposal brought about in the hearing conducted in Case No. 1053,

is it not, Mr. Christensen?

A Yes, that is correct.

Q Do you have a map showing the location of the intake well, and location of the oil and gas wells, showing the drilling wells, dry holes, leasees, and operators, and offset operators in this field?

A Yes, sir, I do have.

Q That map is attached as Exhibit A to the petition. I ask that this be marked as Magnolia's Exhibit No. 1.

(Magnolia's Exhibit No. 1 marked for identification.)

Q State whether or not the wells producing in the field-- From what formation are they producing?

A The wells in this Bough Field are producing from the Bough Lime, which is an oolitic limestone of Pennsylvanian age.

Q What is the original oil-water contact?

A The estimated oil-water contact in this field was 5620 subsea.

Q Where do you propose to inject salt water in this well?

A We propose to inject salt water in the T Betenbough No. 2 through open hole from 9606 to 9639, this is a subsea depth of 5476 to 5509.

Q What is the total depth of this well?

A The total depth is 9639.

Q Have you conducted injection tests on this well?

A Yes, we have.

Q Will you outline them for the Commission, please?

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A We injected salt water into this well for the purpose of determining injectivity of the well, at which time we found that we could inject three barrels per minute with the vacuum that the well had. We feel that this well has a capacity to easily handle the produced water and supply gravity in the gravity system.

Q In this program you propose to take care of all water in the Bough Field?

A Yes, that is correct, we will handle injection from the J. R. Sharp Lease.

Q On exhibit one there is shown a Forest Oil Company, and it is my understanding that their well has now been abandoned, is that right?

A Yes, that is correct.

Q So the only operator in the field beside Magnolia Petroleum Company is J. R. Sharp?

A Yes.

Q And part of the salt water disposal program in Case No. 1053 is for all of the operators to dispose of their water through this injection well?

A Yes.

Q What is the total amount of water estimated to be in the field at this time?

A We estimate at this time approximately fifteen hundred barrels of salt water a day for disposal purposes.

Q Your test of this well shows that it will clearly dispose of a larger amount than that amount.

A Yes, that is right.

Q It is ultimately estimated that the salt water produced

would be in excess of three thousand barrels. Will the well dispose of that water?

A Yes, we feel that it will easily handle that much water.

Q Do you have an electrical log of this well?

A Yes, we do have.

Q We will ask that exhibit be marked as exhibit two.

(Magnolia's Exhibit No. 2 marked for identification.)

Q Is there marked in red the zone for injection in that electrical log?

A Yes, the open hole interval is marked in there.

Q And you testified a while ago-- On what is that injection?

A On the Bough Lime Pennsylvanian age.

Q In our application we have set the casing program that is shown in this well. Will you briefly state to the Commission the casing program of this well.

A Yes, sir. The casing program for this well is as follows: 13-3/8 inch surface casing at 353 feet with 350 sacks of cement which we circulated 12 sacks of cement; 9-5/8 inch casing at 4438 with 1400 sacks at 6 per cent gel; 700 sacks of Wellite, 200 sacks of neat cement and this also was circulated 7 inches at 9606 with 1126 sacks of 4 per cent gel, 563 sacks of Wellite, 250 sacks of neat cement. Plug stopped at 8647 with 2500 pounds pressure. The top of cement outside the 7 inches is at 370, as determined from temperature surface. Sixty feet of scratchers were run on the casing at depths as follows: 9602, 9536, 9472, 9409, 4466, and 4401. We propose to inject through the casin in this well.

Q Who will be the operators of this injection system?

A The operator will be Marathon Petroleum Company, Box 900, Dallas, 21, Texas.

Q In your opinion, is this application to dispose of this salt water in this manner, in the interest of conservation, and an aid in the prevention of pollution of fresh water stratas in New Mexico?

A Yes, it is.

Q Have you made a test of the water proposed to be injected to determine its salt content?

A Yes, we have.

Q Will you give us that information, please.

A This test is of the produced water from the Bough Lime, and the chlorine content of this water runs approximately 67000 parts per million; sulphate, 900 parts per million; all the remaining number will be in the part per million; calcium, 5200, magnesium 1300, iron 26, carbon dioxide 194, sodium 34000, with a total solid of 110,000.

Q Then, in your opinion, is this water proposed to be injected, is it in any wise fit for human consumption or domestic or livestock operations?

A Yes.

Q It is not.

MR. MADOLE: That is all the questions we have, sir.

CROSS EXAMINATION

BY: MR. MANKIN:

Q Mr. Christenson, is the open hole zone in which disposal is to take place, essentially below the oil-water contact of the Bough Pool?

A Yes, sir it is in the northern side of the field. We are injecting there at subsea intervals of 6478 to 6809 and we estimate the present oil-water contact to vary from 5800 to 5470. We have two wells. One, the Markham No 1, which is structurally a little higher, and also the T. Betenbough No. 3 on the east side of this lease. This well, Markham No. 1 is nearing its economic limit at this time. The water cut on that is 86 per cent, and Well No. 3, the T. Betenbough No. 3, which is possibly structurally higher was completed at a later date, and it is still producing.

Q So essentially, the disposal would be either at the oil-water contact or below the oil-water contact?

A Yes.

MR. MADOLE: The injection well has gone to complete water?

A The injection well has gone to 100 per cent water.

Q Is this proposed injection well essentially one of the lowest wells in the Pool?

A No sir, it is not. We have wells on the west in the Markham--Betenbough area which would be lower.

Q Which would be lower?

A Yes, sir.

Q In the same zone, the "C" zone of the Bough Pool?

A Yes, that is correct.

Q All these wells are essentially the same, "C" zone?

A Right.

Q Would you give for the record the location of this well? The actual footage from the section line.

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MR. MADOLE: That information is contained in your plat, Exhibit 1, if you will read it.

Q Will you relate it for the record, what is the location?

A This well is located in Section 12, Township 9 South, Range 35 East, and the well is located 660 feet from the south line and 1314 feet from the west line of this section.

Q Are you sure of that? Doesn't your exhibit show 1200 feet from another well rather than the section line?

A Yes, that is correct.

Q What is the location from the west line?

A Let me change that distance from the west line. That's 660 feet from the south line and 1975 feet from the west line.

MR. MANKIN: Thank you. Is there any other questions of the witness?

MR. MADOLE: I ask that Exhibits 1 and 2 be accepted in evidence.

MR. MANKIN: Is there any objection to entering Exhibits 1 and 2 in this case? If not, they will be so entered. If there is nothing further, the witness may be excused.

(Witness excused.)

MR. MANKIN: Is there any statements to be made in this case? If not, we will take the case under advisement.

MR. IRBY: I don't know that this need to go into the record, Mr. Examiner, but I thought I would make a remark.

MR. MANKIN: Would you relate your remark, please?

MR. IRBY: I am Frank Irby with the State Engineers Office. My statement is just to express the States Engineer's

appreciation for the manner in which the operators have attacked this problem, and we're certainly well pleased with the progress they are making, and I know there are not very many of them present here today, but I would like the operators to know that we appreciate the fact that they are trying to dispose of this salt water in a manner which will be consistent with public interest.

MR. MANKIN: Thank you.

MR. MADOLE: On behalf of the operators, we appreciate that expression.

MR. MANKIN: Is there anything further? If not, we will take the case under advisement.

We will take about a five minute recess.

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

I, J. A. Trajillo, 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, the 11th day of January, 1957.

J. A. Trajillo

NOTARY PUBLIC - COURT REPORTER

My Commission Expires:
October 5, 1960.

1196

BEFORE THE OIL CONSERVATION COMMISSION OF
THE STATE OF NEW MEXICO

In the Matter of the Application of Magnolia
Petroleum Company to convert Magnolia Petroleum
Company's T. Betenbough No. 2 Well in the South-
east Quarter of the Southwest Quarter, Section 12,
Township 9 South, Range 35 East, Lea County, New
Mexico, now abandoned, to a Salt Water Disposal
Well.)

Case No. _____

NOW COMES Magnolia Petroleum Company and respectfully
petitions the Oil Conservation Commission of New Mexico for per-
mission, pursuant to Rule 701, to convert Magnolia's T. Betenbough
No. 2 Well located in the Southeast Quarter of the Southwest Quarter,
Section 12, Township 9 South, Range 35 East, Lea County, New Mexico,
to a salt water disposal well and in support thereof would show:

In an effort to dispose of the salt water now being
produced in the Bough Field as part of the program for such dis-
posal as outlined in Case No. 1053, Magnolia Petroleum Company pro-
poses to convert this (plugged and abandoned) well to a salt water
disposal well to take care of the salt water produced in the field.

In accordance with the provisions of Rule 701 there is
attached hereto and marked Exhibit "A" a plat showing the location
of the intake well and the location of all oil and gas wells, in-
cluding drilling wells and dry holes and the names of leasees within
one-half mile of the intake well and each offset operator.

All wells in the field are producing or have produced
from the Bough Lime, which is an oolitic limestone of Pennsylvanian
age. The original oil-water contact in the field was estimated to
be at 5620' subsea, and the present oil-water contact appears to vary
between 5500 and 5470' subsea.

It is proposed that the injection of the salt water will
be through open hole from 9606 to 9639' into the Bough Lime. Total
depth of this well is 9639'.

An electrical log of this input well is attached marked Exhibit "B". The zone for injection is indicated in red.

Casing program for this well is as follows: 13-3/8" at 353' with 350 sacks of cement; 12 sacks of cement were circulated out -- 9-5/8" at 4438' with 1400 sacks, 6% gel; 700 sacks of Wellite; 200 sacks of neat cement -- 7" at 9606' with 1126 sacks of 4% gel; 563 sacks of Wellite; 250 sacks of neat cement. Plug stopped at 8647' with 2500# pressure. 60' of scratchers were run on the casing at depths as follows: 9602', 9536', ^{9472'}9409', 4466', and 4401'. Injection will be made through the casing. It is anticipated that the formation will take all available water by gravity and no pressure will need be applied.

Approximately 1500 barrels of produced water from the other wells in the field will be injected into this well. It is estimated that ultimate injection might be as high as 3000 barrels per day.

The operator of this salt water injection well will be Magnolia Petroleum Company, Box 900, Dallas 21, Texas.

Although the plat attached as Exhibit "A" shows the Forest Oil Company as an operator in the field, it is the understanding of the applicant that the only operator in the field other than the applicant is J. R. Sharp, Inc., Box 1271, Midland, Texas, who is agreeable to this application and whose water likewise will be injected into this injection well.

Applicant alleges that the granting of this application will be in the interest of conservation and aid in the prevention of any pollution of the fresh water stratas of New Mexico. The water found at or near the point of injection is salt brine in nowise useful for human consumption or domestic or livestock operations.

WHEREFORE, Magnolia Petroleum Company prays that this application for the conversion of the aforesaid well to a salt water disposal well be set for hearing, that due notice thereof be given

in the manner required by law and the Rules and Regulations of the Commission, and upon a hearing thereon Magnolia Petroleum Company be granted a permit to so convert said well and operate the same as a salt water disposal well to dispose of the salt water produced in the Bough Field, Lea County, New Mexico

Magnolia Petroleum Company further prays for such other and further relief to which it may be entitled.

Respectfully submitted,

MAGNOLIA PETROLEUM COMPANY

By

Ross Madole
Ross Madole
2311 Magnolia Building
P. O. Box 900
Dallas 21, Texas

Attorney for Applicant

MAGNOLIA PETROLEUM COMPANY

A SOCONY MOBIL COMPANY
LEGAL DEPARTMENT

P. O. BOX 900
DALLAS 21, TEXAS

December 11, 1956

CHARLES B. WALLACE
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ROSS MADOLE
ROY L. MERRILL
RAYMOND M. MYERS
FLOYD B. PITTS
WILLIAM S. RICHARDSON
WILLIAM H. TABB
JACK VICKREY
ADMINISTRATIVE

Re: In the Matter of the Application of
Magnolia Petroleum Co. to convert their
T. Betenbough #2 Well, SE/4 SW/4, Sec.
12, Twp 9-S, Rge 35-E, Lea County, New
Mexico, to a salt water disposal well.

Mr. A. L. Porter
Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

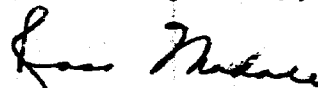
Dear Mr. Porter:

We enclose herewith an original and two copies of the application above described which is self-explanatory. It will be agreeable to Magnolia Petroleum Company to dispose of this application before a Hearing Examiner.

The conversion of this well to a salt water disposal well is part of the program to dispose of salt water produced in the Bough Field in line with the rules of the industry in Case No. 1053. We can think of no reason why the application should not be granted.

I only had one copy of the electrical log and I have attached it to the original application as Exhibit "B".

Yours very truly,



Ross Madole

RM:u
encls.

cc: Mr. Clie Ford

MAGNOLIA PETROLEUM COMPANY

A SOCONY MOBIL COMPANY

LEGAL DEPARTMENT

P. O. BOX 900

DALLAS 21, TEXAS

December 3, 1956

CHARLES B. WALLACE
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RAYMOND M. MYERS
FLOYD E. PITTS
WILLIAM S. RICHARDSON
WILLIAM H. TABB
JACK VICKREY
ASSISTANTS

*called
Ross Madole
on 1/17/57.
(u)mm*

*Examined by
@
SF
on 1/9/57*

*More to follow
J app.*

Mr. A. L. Porter
Oil Conservation Commission
Mabry Hall
Santa Fe, New Mexico

Dear Mr. Porter:

Please set down for hearing the application of Magnolia Petroleum Company to convert its T. Betenbough No. 2 Well in the Bough Field, Lea County, New Mexico for salt water disposal purposes.

The only other operator in the field is J. R. Sharp, Inc., Box 1271, Midland, Texas.

Our tests show that this well is capable of taking water at the rate of 3 bbls. per minute on a vacuum which is more than adequate to dispose of the produced salt water in this field.

Thanking you in advance for your courtesy, I am,

Yours very truly,

Ross Madole

Ross Madole

RMM:RM:u

cc: Mr. Ollie Ford