

CASE 3851: Application of MOBIL
OIL CORP. FOR A WATERFLOOD
PROJECT, LEA COUNTY, NEW MEXICO.

Case Number

3851

Application

Transcripts.

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 NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3851
Order No. R-3496

APPLICATION OF MOBIL OIL CORPORATION
FOR A WATERFLOOD EXPANSION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 4, 1968,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 12th day of September, 1968, the Commission,
a quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, 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, Mobil Oil Corporation, seeks permis-
sion to expand its Bridges State Waterflood Project in the Vacuum
Pool by the injection of water into the San Andres formation
through its Bridges State Well No. 127 located 660 feet from the
South line and 560 feet from the West line of Section 24, Town-
ship 17 South, Range 34 East, NMPM, Lea County, New Mexico.

(3) That the wells in the project area are in an advanced
state of depletion and should properly be classified as "stripper"
wells.

(4) That the proposed expansion of the Bridges State Water-
flood Project should result in the recovery of otherwise unrecover-
able oil, thereby preventing waste.

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CASE No. 3851

Order No. R-3496

(5) That the subject application should be approved and the expanded project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Mobil Oil Corporation, is hereby authorized to expand its Bridges State Waterflood Project in the Vacuum Pool by the injection of water into the San Andres formation through its Bridges State Well No. 127 recently completed at a location 660 feet from the South line and 560 feet from the West line of Section 24, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico.

(2) That the expanded waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the expanded waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.


(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


DAVID F. CARGO, Chairman


GUYTON B. HAYS, Member


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


esr/

J. R. MODRALL
JAMES E. SPERLING
JOSEPH E. ROEHL
GEORGE T. HARRIS, JR.
DANIEL A. SISK
LELAND S. SEDBERRY, JR.
ALLEN C. DEWEY, JR.
FRANK H. ALLEN, JR.
JAMES P. SAUNDERS, JR.
JAMES A. PARKER

HENRY G. COORS
JOHN R. COONEY
KENNETH L. HARRIGAN
PETER J. ADANG
DALE W. EK

LAW OFFICES OF
MODRALL, SEYMOUR, SPERLING, ROEHL & HARRIS

PUBLIC SERVICE BUILDING

P. O. BOX 2168

ALBUQUERQUE, NEW MEXICO 87103

JOHN F. SIMMS (1885-1954)
AUGUSTUS T. SEYMOUR
(1907-1965)

TELEPHONE 243-4511
AREA CODE 505

August 13, 1968

68 AUG 14 AM 8 00

Case 3857

Mr. A. L. Porter, Jr.
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Mobil Oil Corporation's Application for
Expansion of Water Flood Operations -
Vacuum Grayburg San Andres Field,
Lea County, New Mexico

Dear Mr. Porter:

My client, Mobil Oil Corporation, has informed me that the captioned Application was forwarded to you through the Hobbs District Office. I am further informed that all the necessary supporting data was attached to the Application. I am enclosing copy of the letter containing the request for hearing (which constitutes the application), which was sent to me and reflects the request as addressed to you in Hobbs. I was informed by your office last week that the letter with the attachments had not been received in Santa Fe, but that it would in all probability be forwarded from the Hobbs District Office to Santa Fe. I assume that the letter with attachments has now been received in your office so that the matter can be set for hearing on September 4, 1968. I have today forwarded a request for authority to complete by multiple conventional means the Mobil Bridges State No. 126 Well. I assume that the two matters can be set for hearing on the 4th of September.

With kindest regards,

Very truly yours,

James E. Sperling

JES:jv

Enclosure

cc: Mr. Ira B. Stitt
Division Operations Engr.
Mobil Oil Corporation
P. O. Box 633
Midland, Texas 79701

DOCKET MAILED

Date 8-22-68

Mobil Oil Corporation

P.O. BOX 133
MIDLAND, TEXAS 79701

August 6, 1968

Mr. J. E. Sperling
P. O. Box 466
Albuquerque, New Mexico 87103

Case 2851

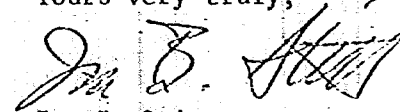
MOBIL OIL CORPORATION'S
HEARING REQUEST ON EXPANSION OF
WATERFLOOD - VACUUM GRAYBURG
SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO

Dear Sir:

Attached is a letter sent to the Commission requesting the subject hearing. Mobil witnesses will be available in Albuquerque the day preceding the hearing for pre-hearing counsel. Legal assistance is requested.

Attachments to the Commission letter are omitted.

Yours very truly,



Ira B. Stitt
Division Operations Engineer

FLHart:mv
Attach.

Mobil Oil Corporation

August 1, 1968

Mr. A. L. Porter
New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

60 AUG 14 AM 8 00

Case 3857
REQUEST FOR HEARING ON
EXPANSION OF WATERFLOODING
OPERATIONS, VACUUM GRAYBURG
SAN ANDRES FIELD,
LEA COUNTY, NEW MEXICO

Dear Mr. Porter:

Mobil Oil Corporation respectfully requests that the Commission schedule an early hearing for the purpose of considering Mobil's application to expand waterflood operations in the Vacuum Grayburg San Andres Field, Lea County, New Mexico, to include the use of the Bridges State #127 for water injection purposes. Such well has been recently completed at a location 660 FSL and 560' FWL of Section 24, T-17-S, R-34-E. It has been perforated opposite San Andres porosities in intervals between 4484'-4785'.

Mobil will request at the hearing permission to inject both Ogallala and produced water into this well at rates the order of 1,000 barrels per day. Attached in support of this request and as required by Rule 701-B are a plat showing the location of the well, a Gamma Ray sonic log of the well, and a diagrammatic sketch showing the proposed condition of the well under injection operations.

A copy of this application and file is being forwarded concurrently to the State Engineer.

Yours very truly,

PWKelly/kim

I. B. Stitt, Jr.
Division Operations Engineer

Attachments:

1. Plat (1 copy)
2. Diagrammatic sketch (1 copy)
3. Log (1 copy)

cc: State Engineer Office
Capitol Building
Santa Fe, New Mexico 87501

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

September 13, 1968

Mr. James E. Sperling
Modrall, Seymour, Sperling, Roehl & Harris
Attorneys at Law
Public Service Building
Post Office Box 2165
Albuquerque, New Mexico

Dear Sir:

Reference is made to Commission Order No. R-3496, recently entered in Case No. 3851, approving the expansion of the Mobil Vacuum State Bridges Waterflood Project.

Additional injection is to be through the one newly authorized water injection well, which shall be equipped with tubing set in a packer at approximately 4450 feet. The casing-tubing annulus shall be loaded with an inhibited fluid and equipped with a pressure gauge to facilitate detection of leakage in the casing, tubing, or packer.

As to allowable, our calculations indicate that when all of the presently authorized injection wells have been placed on active injection, the maximum allowable which this project will be eligible to receive under the provisions of Rule 701-E-3 is 2408 barrels per day when the Southeast New Mexico normal unit allowable is 42 barrels per day or less.

Please report any error in this calculated maximum allowable immediately, both to the Santa Fe office of the Commission and the appropriate district proration office.

In order that the allowable assigned to the project may be kept current, and in order that the operator may fully benefit from the allowable provisions of Rule 701, it behooves him to promptly notify both of the aforementioned Commission offices by letter of any change in the status of wells in the project area, i.e., when active injection

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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Mr. James E. Sperling
Modrall, Seymour, Sperling, Roehl & Harris
Attorneys at Law
Public Service Building
Post Office Box 2168
Albuquerque, New Mexico

commences, when additional injection or producing wells are drilled,
when additional wells are acquired through purchase or unitization,
when wells have received a response to water injection, etc.

Your cooperation in keeping the Commission so informed as to the
status of the project and the wells therein will be appreciated.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/DSH/ir

cc: Oil Conservation Commission
Post Office Box 1980
Hobbs, New Mexico

Mr. D. E. Gray
State Engineer Office
Santa Fe, New Mexico

State of New Mexico
Oil Conservation Commission



P. O. BOX 2088
SANTA FE

Other _____

Case. 3851

Heard 9-4-68

Rec. 9-5-68

Grant Mobil permission to
disrupt + use their St. Bridges
#127- 660/S - 560/W - 24-175-34 E,
in Vacuum Bay - S.A. pool as a
water injection well in their
St. Bridges - State waterflood
project.

Injection shall be thru 2^{3/8}"
tubing & under a packer set at
approx. 4450 into the S.A.
at 4484-4785. Annulus shall be
filled with inert fluid & pressure
gauge at surface.

Thos. L. J. [Signature]

DOCKET: EXAMINER HEARING - WEDNESDAY - SEPTEMBER 4, 1968

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

The following cases will be heard before Elvis A. Utz, Examiner, or Daniel S. Nutter, Alternate Examiner:

CASE 3847: (Continued from the August 21, 1968, Examiner Hearing)

Application of K. K. Amini for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Bough "C" zone of the Pennsylvanian formation underlying the NE/4 of Section 5, Township 10 South, Range 34 East, Lea County, New Mexico. Said acreage to be dedicated to a well to be drilled in the SW/4 NE/4 of said Section 5, adjacent to the Vada-Pennsylvanian Pool.

CASE 3513: (Reopened)

In the matter of Case No. 3513 being reopened pursuant to the provisions of Order No. R-3179-A, which order established 160-acre spacing units and a 160-acre proportional factor of 4.77 for allowable purposes for the Vada-Pennsylvanian Pool, Lea County, New Mexico, for a period of one year. All interested parties may appear and show cause why the pool should not be developed on less than 160-acre spacing units and show cause why the 160-acre proportional factor of 4.77 should or should not be retained.

CASE 3849: Application of Penroc Oil Corporation for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Grayburg formation through its Phillips State Well No. 4 located in Unit I of Section 27, Township 17 South, Range 28 East, Artesia Pool, Eddy County, New Mexico.

CASE 3850: Application of Pan American Petroleum Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Bough (Permo-Pennsylvanian) formation in the interval from approximately 9590 feet to 9634 feet in its Federal "A" Well No. 3 located in Unit J of Section 13, Township 9 South, Range 35 East, Bough (Permo-Pennsylvanian) Pool, Lea County, New Mexico.

CASE 3851: Application of Mobil Oil Corporation for a waterflood expansion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to expand its Bridges State Waterflood Project by the injection of water into the San Andres formation through an injection well recently completed at a location 660 feet from the South line and 560 feet from the West line of Section 24, Township 17 South, Range 34 East, Vacuum Pool, Lea County, New Mexico.

CASE 3852: Application of Mobil Oil Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the triple completion (conventional) of its Bridges State Well No. 126 located in Unit J of Section 11, Township 17 South,

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. 3654
Order No. R-3318

APPLICATION OF MOBIL OIL CORPORATION
FOR A WATERFLOOD EXPANSION AND FOR AN
AMENDMENT OF ORDER NO. R-1244, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 6, 1967, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 12th day of September, 1967, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Mobil Oil Corporation, seeks permission to expand its Bridges-State Waterflood Project authorized by Order No. R-1244 dated September 17, 1958, by the conversion to water injection of its Bridges-State Wells Nos. 63 and 73 in Units K and G of Section 13; Wells Nos. 3 and 6 in Units O and E of Section 23; Well No. 47 in Unit K of Section 24; Well No. 5 in Unit C of Section 26, and Well No. 52 in Unit A of Section 27; its State G Well No. 3 in Unit G of Section 24 and State J Wells Nos. 1 and 4 in Units I and A of Section 22, all in Township 17 South, Range 34 East, NMPM, Vacuum Pool, Lea County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed expansion of the Bridges-State Waterflood Project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the proposed expansion of the Bridges-State Waterflood Project should be approved.

(6) That the applicant further seeks the amendment of Order No. R-1244, dated September 17, 1958, to provide that future operation, expansion, and assignment of allowables of said project would be subject to the provisions of Rule 701 E of the Commission Rules and Regulations.

(7) That the provisions for operation, expansion, and assignment of allowables contained in Order No. R-1244 were written prior to the promulgation of Rule 701 E of the Commission Rules and Regulations, said Rule 701 E governing the operation, expansion, and assignment of allowables of waterflood projects, and are more restrictive than those contained in Rule 701 E.

(8) That in order to provide more efficient and economical means of operation, expansion, and assignment of allowables in the subject waterflood project, said operation, expansion, and assignment of allowables should henceforth be governed by Rule 701 E of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Mobil Oil Corporation, is hereby authorized to expand its Bridges-State Waterflood Project in the Vacuum Pool by the conversion to water injection the following-described wells in Township 17 South, Range 34 East, NMPM, Lea County, New Mexico:

<u>Lease Name</u>	<u>Well No.</u>	<u>Unit Letter Designation</u>	<u>Section</u>
Bridges-State	63	K	13
Bridges-State	73	G	13
Bridges-State	3	O	23
Bridges-State	6	E	23
Bridges-State	47	K	24
Bridges-State	5	C	26
Bridges-State	52	A	27
State G	3	G	24
State J	1	I	22
State J	4	A	22

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CASE No. 3654

Order No. R-3318

(2) That Commission Order No. R-1244, governing the operation, expansion, and assignment of allowables to Mobil's Bridges-State Waterflood Project, Vacuum Pool, Lea County, New Mexico, is hereby amended to provide that henceforth the operation, expansion, and assignment of allowables of said Bridges-State Waterflood Project shall be governed by the provisions of Rule 701 E of the Commission Rules and Regulations.

(3) That monthly progress reports of the Bridges-State Waterflood Project shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

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

S E A L

esr/

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6391 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
September 4, 1968

EXAMINER HEARING

IN THE MATTER OF:

Application of Mobil Oil Corporation
for a waterflood expansion, Lea
County, New Mexico.

Case 3851

BEFORE: Elvis A. Utz
Examiner

TRANSCRIPT OF HEARING

MR. UTZ: Case 3851.

MR. HATCH: Case 3851. Application of Mobil Oil Corporation for a waterflood expansion, Lea County, New Mexico.

(Whereupon, Applicant's Exhibits Numbers 1 through 4, inclusive, were marked for identification.)

MR. UTZ: Are there any other appearances in this case? You may proceed. You haven't made your appearance yet.

MR. SPERLING: Not yet.

MR. UTZ: You may proceed.

MR. SPERLING: If the Examiner please, James E. Sperling of Modrall, Seymour, Sperling, Roehl and Harris, Albuquerque, appearing for the Applicant. We have one witness: Mr. Hart. Would you stand, please?

(Witness sworn.)

FRANK HART

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

DIRECT EXAMINATION

BY MR. SPERLING:

Q Please give your name, place of residence, employer and capacity in which you are employed.

A Frank Hart, Midland, Texas, Mobil Oil Corporation. I'm Senior Engineer.

Q Have you, on prior occasions, testified before the Commission so that your qualifications are a matter of record?

A I have.

Q And those qualifications have been accepted?

A They have.

MR. SPERLING: Mr. Examiner, the purpose of this application is to expand injection facilities relating to the presently established waterflood project in the Grayburg-San Andres Pay in the Vacuum Field, Lea County, New Mexico. By Order Number R-3318, which was the date of the last expansion, additional ten injection wells were approved by the Commission in that order.

The original project was established in 1958 and this is a continuation of the expansion program that has been taking place as the project has progressed.

Q Now, Mr. Hart, if you will please refer to what has been marked as Exhibit Number 1 and explain to the Examiner what that exhibit is and what it shows.

A Mobil Oil's Exhibit Number 1 is a plat showing all of the wells completed in the San Andres Formation while the lease is under flood and showing the proposed new injector, Bridges State Well Number 127 which is located 600 feet from the west line and 506 feet from the south line of Section 24.

Exhibit Number 1 also shows certain statistical information by each well and waterflood is described in the legend.

Q Now, that is the well which is circled in red in the Southwest Quarter of the Southwest Quarter of Section 24?

A It is, sir.

Q And what other information is contained upon the exhibit?

A Other information on the exhibit is production rate, barrels per day and barrels of water per day; barrels of oil per day and barrels of water per day on the producing wells and cumulative oil production and thousands of barrels as of 1-1-68. On injection wells, we have listed the rate per day and the cumulative injection into that injection well in each case.

Q And that same information is contained or is shown with reference to the previously drilled injection wells and the producing wells within the project area.

A Yes, sir.

Q Is the 127 Well a recently completed well, a proposed well, or when was it completed?

A Let's see.

Q It is recently completed, isn't it?

A Yes, I believe that's correct.

Q Now, would you please refer to Exhibit Number 2 and explain that.

A Exhibit Number 2 is a gamma-ray sonic log of the well and which is marked at the top of the San Andres Formation and the perforated interval which is opposite, selected porosities between 4484 and 4735 feet.

Q Now, would you please refer to Exhibit Number 3 and explain its purpose.

A Exhibit Number 3 is a diagrammatic sketch of the proposed condition of the well under injection operations. The well contains 1,605 feet of eight and five-eighths inch surface pipe which was cemented to the surface with 800 sacks of cement, 4,848 feet of five and a half inch long string cemented to the surface with 1400 sacks of cement, and the strings are two and three-eighths inch, cement lined tubing set on a packer approximately 50 feet above the uppermost San Andres perforations. Approximately 30 feet of cement were left inside the casing below the perforated interval.

The well is so completed that injection water can only enter a waterflood horizon.

Q Now, would you now refer to Exhibit Number 4.

A Exhibit 4 is a reservoir data graph depicting the

performance of the Bridges State G and State J Leases since January, 1966. This graph shows oil production, produced water and water injection, injected in this lease, and they are brought up to July of '68.

Q And this graph is related to time interval within which production and injection has occurred?

A Yes, sir, it's volume versus time.

Q Now, it appears from examination of Exhibit Number 1 that the proposed injection well is actually insulated from offset leases to the south and west by at least one row of presently completed wells, is that correct?

A Yes, sir, that is correct.

Q Is it your opinion and that of Mobil that the approval of this application for the injection of water within this particular well is necessary in order to continue the project which has been in operation for some time?

A Yes, sir, that is correct.

MR. SPERLING: I believe that's all, Mr. Examiner. I'd like to offer Exhibits 1 through 4 at this time.

MR. UTZ: Without objection, Exhibits 1 through 4 will be entered into the record in this case.

(Whereupon, Applicant's Exhibits Numbers 1, 2, 3 and 4 were admitted in evidence.)

CROSS EXAMINATION

BY MR. UTZ:

Q Mr. Hart, have you had any response from the Number 22-- Well, any of the surrounding wells?

A No, sir, we haven't. We checked these out --

Q That was recently.

A -- very recently, before we applied for the hearing but we had no response.

Q Was this Number 127 Well drilled for this injection or was it a dry hole?

A No, sir. It was drilled as a producer and is presently producing about -- No. I'm sorry. Yes, sir, it was drilled for this injection, for this project as an injector.

Q Do you intend to put an inert fluid in the annulus?

A Yes, sir, we will put an inhibited fluid in the annulus. Also, we'll have a pressure gauge on the casing for monitoring purposes to alert us to any possibility of leaks that might occur in the future.

MR. UTZ: Are there any questions of the witness? The witness may be excused. Any statements? The case will be taken under advisement.

I N D E X

<u>WITNESS</u>	<u>PAGE</u>
FRANK HART	
Direct Examination by Mr. Sperling	2
Cross Examination by Mr. Utz	7

E X H I B I T S

<u>Number</u>	<u>Marked for Identification</u>	<u>Received in Evidence</u>
Applicant's Exhibits 1, 2, 3, 4	2	6

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

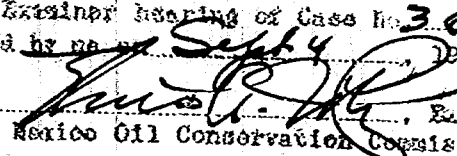
I, CHARLOTTE MACIAS, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Witness my Hand and Seal this 2nd day of October, 1968.

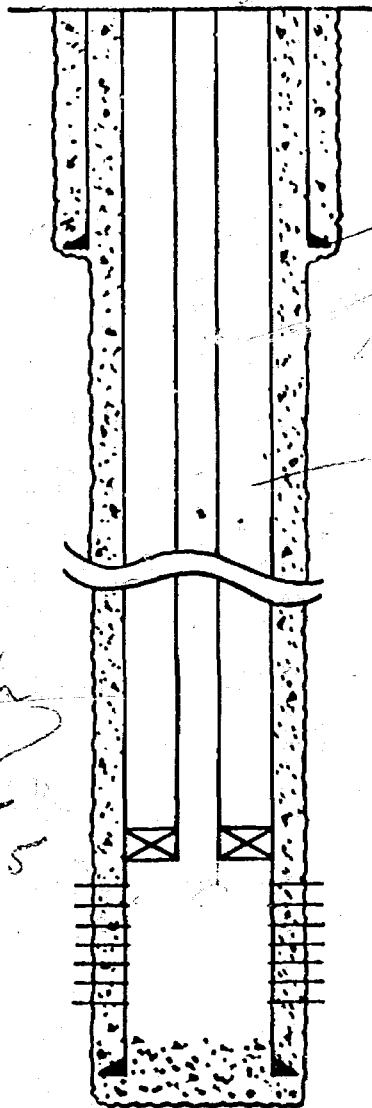

 Notary Public

My Commission Expires:

February 10, 1971.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 3651, heard by me on Sept 4, 1968.

 Examiner
 New Mexico Oil Conservation Commission

D. F. ELEVATION 4035



1605', 8 5/8\" O.D. CSG. W/800 SX.
CEMENT CIRC.

CEMENT CIRC. TO SURF.

4848', 3 1/2\" CSG. W/1400 SX.
CEMENT CIRC.

P.B. T.D. 4820'

T.D. 4850

PERF. 4484 - 4785'
9/A

MOBIL OIL CORPORATION
MIDLAND E & P DIVISION

Exhibit No. 3
Case No. 3851
Date 9-4-68

BEFORE EXAMINER UTZ

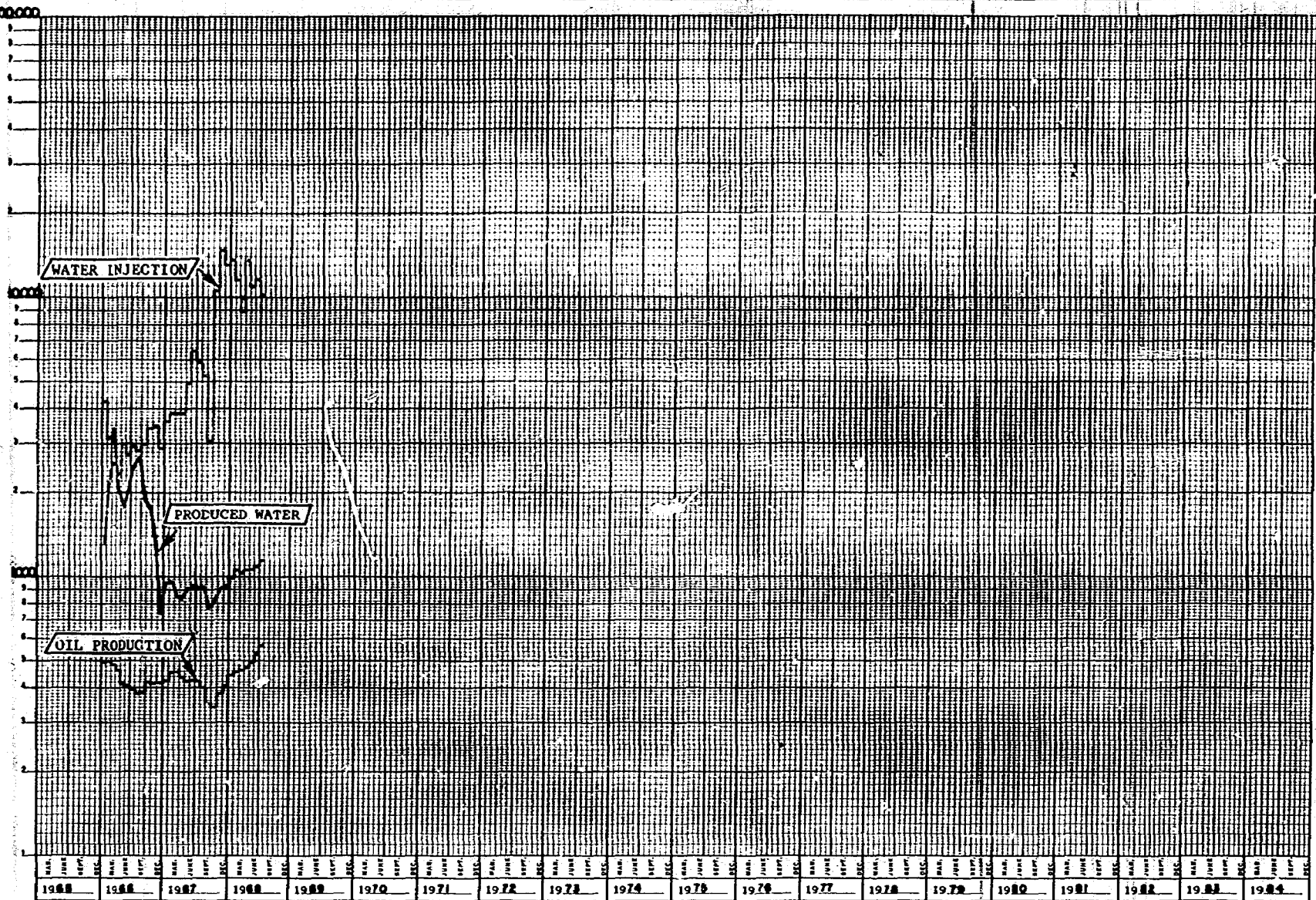
OIL CONSERVATION COMMISSION

EXHIBIT NO. 3

CASE NO. 3851

NO.	DATE BY	ALTERATION
PROPOSED INJECTION WELL		
BRIDGES STATE WELL NO.127		
VACUUM GB SA FIELD		
Mobil Oil Corporation		
LEA COUNTY, NEW MEXICO		
DRAWN	SCALE	DWG. NO.
CHECKED	DATE	A

WATER & OIL PRODUCTION BBLs/DAY
WATER INJECTION BBLs/DAY



MOBIL OIL CORPORATION
MIDLAND E & P DIVISION

TIME-YEARS

Exhibit No. 4
Case No. 3851
Date 9-4-68

Mobil Oil Corporation
EXPLORATION AND PRODUCING DEPARTMENT
PRODUCTION HISTORY
STATE BRIDGES CO-OP
VACUUM SA
LEA COUNTY, NEW MEXICO