CASE 3095: Appli. of CONTINENTAL
OIL CO. for amendment to ORDER
NO. R-2564, San Juan County.

ASE MO. 3095

APPlication, Transcripts, SMALL Exhibits ETC соносо

Set for throwing of MAIN OFFICE OCC

1964 JUL 29 All 7:44

CONTINENTAL OIL COMPANY

P. O. Box 3312 Durango, Colorado July 27, 1964

DOCKET MAILED

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

Attention: Mr. A. L. Porter, Secretary-Director

Re: Case No. 2884 Order No. R-2564

Gentlemen:

Gontinental Oil Company herewith makes application for administrative approval to modify our Table Mesa Dakota pressure maintenance project, Table Mesa Field, San Juan County, New Mexico. The referenced order authorized the pressure maintenance project with the injection of produced water initially through Well No. 25, located in Unit K, Section 34, T28N, R17W. The proposed modification includes the discontinuance of injection into Well No. 25 and the conversion to injection of Wells No. 22 and 23 located in Units N and O, respectively, of Section 34. A diagrammatic sketch of the injection wells and a lease plat are attached. No open hole or cased hole logs were run.

A total of 325,779 barrels of produced water has been injected into Well No. 25 to July 1, 1964. The average injection rate is about 3,100 barrels per day. The bottom hole pressure in Well No. 25 has increased from 364 psigbafore injection started to 442 psig.

Well No. 22 and 23, immediate offsets to the injection well, were recently shut-in as non-commercial. Response to injection caused high water producing rates, about 2800 barrels per day from both wells, with no increase in oil production. The following are the latest well tests before and after injection started February 16, 1964.

Well		Date	BOED	BWPD
22	Before	8~20~63	·** :- 9	1234
	After	6-30-64	0.2	1428
23	Before	9-17-63	6.3	1108
	After	6-30-64	1.5	1369

The daily withdrawal rate from Wella No. 22 and 23 represents about 90 percent of the injected water. The cycling of this water was not aiding in arresting the pressure decline in the more productive upstructure portion of the reservoir. Also, no oil production reoponse is anticipated from the upstructure wells with the present water cycling.

The conversion of Wells No. 22 and 23 will permit water injection about 30 feet higher on the structure and will allow for increased injection capacity. This will enhance pressure maintenance of the reservoir and should provide better reservoir performance. It is proposed to increase the total injection rate to about 4,000 barrels per day or 2,000 barrels per day per well. The additional Dakota produced water will be obtained from the south battery. Further injection capacity, up to 6,000 barrels per day, may prove desirable at a later date. This water can be developed from Well No. 2 in Unit O, of Section 3, 327N, R17W.

We respectfully request your approval and authorization of this proposal. If administrative approval cannot be granted for this application, we will be glad to request a formal hearing.

Very truly yours,

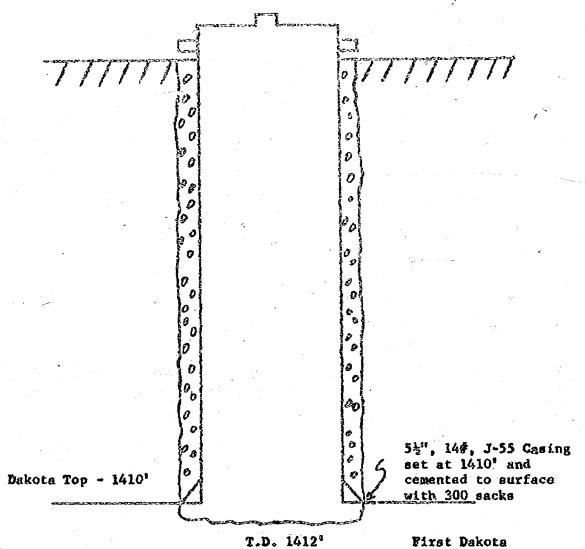
P. E. Ellis Assistant District Manager Durango District Production Department

RJV/pja Attachments

CC: Mr. E. A. Austin, Continental Oil Company, Denver, Colorado Legal Department, Continental Oil Company, Denver, Colorado Rolly Oil Company U. S. G. S. - Farmington, New Mexico U. S. G. S. - Roswell, New Mexico State Engineers Office Navajo Tribal Council

June 3098

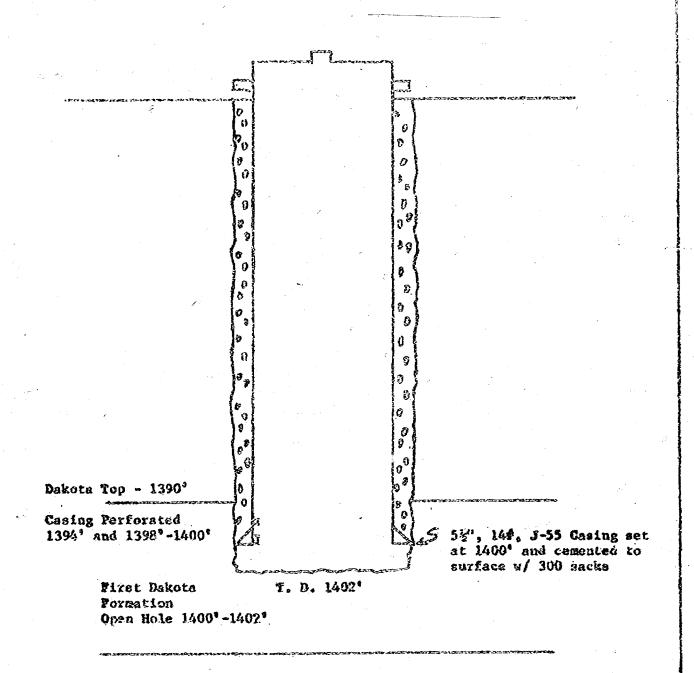
TABLE MESA NO. 22 PROPOSED WATER THURCEKON WELL SE, BE, Section 36, 228H, R17H



First Dakota Formation Open Hole 1410°-1412°

Ma 2015

PAOPOSIA HATER INJECTION WHAL TROPOSIA WATER INJECTION WHAL SW, SE, SECTION 34, T280, R17W





STATE OF NEW MEXICO

STATE ENGINEER OFFICE SANTA FE

S. E. REYNOLDS

NAME OF THE OWNER OWNER

August 3, 1964

ADDRESS CORRESPONDENCE TO: STATE CAPITOL SANTA FE, N. M.

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

Dear Mr. Porter:

Reference is made to the application of Continental Oil Co. dated July 27, 1964 which seeks approval of their plan to abandon use of Well No. 25 in the Table Mesa Pool (Unit K, Section 24, T28N, R17W) as an injection well and to commence use of Wells No. 22 and 23 in Units N and O, respectively, of section 34.

A review of the proposal and the diagrammatic sketches of well 22 and 23 indicates that no threat of contamination to the fresh waters which may exist in the area is likely to occur if the application is granted. Therefore, this office offers no objection to the granting of the application provided injection is accomplished as set forth in the application and sketches.

Very truly yours,

S. E. Reynolds State Engineer

Frank E. Irby

Chief

Water Rights Division

cl

cc: Continental Oil Co. F. H. Hennighausen DOCKET MAILED

Date 7-12-09

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. 2884 Order No. R-2564

APPLICATION OF CONTINENTAL OIL COMPANY FOR A PRESSURE MAINTENANCE PROJECT, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 4, 1963, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this llth day of September, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, 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, Continental Oil Company, seeks authority to institute a pressure maintenance project in the Table Mesa-Dakota Oil Pool with the injection of water into the Dakota formation initially through the Continental Table Mesa Well No. 25, located in Unit K of Section 34, Township 28 North, Range 17 West, NMPM, San Juan County, New Mexico.
- (3) That no special rules or regulations governing said project are requested at this time.
- (4) That approval of the subject application should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.
- (5) That approval of the subject application will not impair correlative rights.

-2-CASE No. 2884 Order No. R-2564

IT IS THEREFORE ORDERED:

- (1) That Continental Oil Company is hereby authorized to institute a pressure maintenance project in the Table Mesa-Dakota Oil Pool with the injection of water into the Dakota formation initially through the Continental Table Mesa Well No. 25, located in Unit K of Section 34, Township 28 North, Range 17 West, NMPM, San Juan County, New Mexico.
- (2) 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

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

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

SEAL

DOCKET: EXAMINER HEARING - WEDNESDAY - AUGUST 26, 1964

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

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

- CASE 3095: Application of Continental Oil Company for an amendment to Order No. R-2564, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an amendment to Order No. R-2564 to provide, among other things, the substitution of two wells in Units N and O for the presently authorized injection well in Unit K of Section 34, Township 28 North, Range 17 West, Table Mesa-Dakota Pressure Maintenance Project, Table Mesa Pool, San Juan County, New Mexico.
- CASE 3096: Application of Continental Oil Company for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of special pool rules, including a provision for 80-acre spacing and a gas-oil ratio of 6000 to 1 for the Maljamar-Abo Pool in Township 17 South, Range 32 East, Lea County, New Mexico.
- CASE 3097: Application of Continental Oil Company for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of special pool rules including a provision for 80-acre proration units for the Baish-Wolfcamp Pool in Sections 21 and 22, Township 17 South, Range 32 East, Lea County, New Mexico.
- CASE 3082: (Continued from the July 22, 1964 Examiner Hearing)

 Application of Union Oil Company of California for salt water disposal,

 Lea County, New Mexico. Applicant, in the above-styled cause, seeks
 authority to dispose of produced salt water into the Devonian formation
 through perforations from 11,246 feet to 11,285 feet in its State-Gross
 Well No. 2 located in Unit G of Section 2, Township 12 South, Range 32
 East, East Caprock Field, Lea County, New Mexico.
- CASE 3098: In the matter of the hearing called by the Oil Conservation Commission upon its own motion to consider a revision of Rule 701-E-4. In the above-styled cause, the Commission proposes to consider an amendment to Rule 701-E-4 of the Rules and Regulations to provide a more current area allowable factor for waterfloods in Northwest New Mexico. The proposed factor would be approximately 70 barrels per day.

Caro 3085 Neard. 8-26-64 Rec. 8-26-64 1. Frank Cout. request to abandond the water injection well, Jable Mean #25 17-34-25N-17Nound substitute Their Datle Mera #15 22 +23 in unila 11 + 0 prome sec, T, +R.. 2. Odse R-2564 æs a puille stjenenny. Elwoli W.

GOVERNOR JACK M. CAMPBELL CHAIRMAN

State of New Mexico

Bil Conserbation Commission

LAND COMMISSIONER
E. B. JOHNNY WALKER
MEMBER



P. O. BOX 2088 SANTA FE BTATE GEOLOGIST A. L. FORTER, JR. BECRETARY - DIRECTOR

3095

September 9, 1964

Mr. Jascn Kellahin	
Kellahin & Fox	
Attorneys at Law	
Post Office Box 1769	
Santa Fe, New Mexico	

Dear Sir:

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

Very truly yours,

Re: CASE NO.

ORDER NO. R-2763

APPLICANT CONTINENTAL

A. L. PORTER, Jr. Secretary-Director

Carbon copy of order also sent to:

Hobbs OCC _____X

Artesia OCC_____
Aztec OCC ____ X

OTHER____ Mr. Charles Roberts

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. 3095 Order No. R-2763

APPLICATION OF CONTINENTAL OIL COMPANY FOR AN AMENDMENT TO ORDER NO. R-2564, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 26, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 8th day of September, 1964, 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,

PINDS:

- (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 Order No. R-2564 dated September 11, 1963, authorized the applicant, Continental Oil Company, to institute a pressure maintenance project in the Table Mesa-Dakota Oil Pool with the injection of water into the Dakota formation initially through the Continental Table Mesa Well No. 25, located in Unit K of Section 34, Township 28 North, Range 17 West, NMPM, San Juan County, New Mexico.
- (3) That the applicant seeks amendment of Order No. R-2564 to authorize the applicant to inject water into its Table Mesa Well No. 22 located in Unit N and its Table Mesa Well No. 23 located in Unit O of said Section 34 in lieu of the previously authorized injection well.

-2-CASE No. 3095 Order No. R-2763

(4) That approval of the subject application should result in greater ultimate recovery of oil from the Table Mesa-Dakota Oil Pool, thereby preventing waste.

IT IS THEREFORE ORDERED:

- (1) That Order No. R-2564 is hereby amended to authorize Continental Oil Company to inject water into its Table Mesa Well No. 22 located in Unit N and its Table Mesa Well No. 23 located in Unit O of Section 34, Township 28 North, Range 17 West, NMPM, San Juan County, New Mexico, in lieu of its Table Mesa Well No. 25 located in Unit K of said Section 34.
- (2) 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 COMMISSION

JACK M. CAMPBELL Chairman

E. S. WALKER, Member

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

esr/

DEARNLEY-MEIER REPORTING SERVICE, Inc.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
August 26, 1964

EXAMINER HEARING

IN THE MATTER OF:

Application of Continental Oil Company for an amendment to Order No. R-2564, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an amendment to Order No. R-2564 to provide, among other things, the substitution of two wells in Units N and O for the presently authorized injection well in Unit K of Section 34, Township 28 North, Range 17 West, Table Mesa-Dakota Pressure Maintenance Project, Table Mesa Pool, San Juan County, New Mexico.

Case No. 3095

BEFORE: ELVIS A. UTZ, Examiner.

TRANSCRIPT OF HEARING

LEVOUCHOUR, M.



MR. UTZ: We will call Case 3095.

MR. DURRETT: Application of Continental Oil Company for an amendment to Order No. R-2564, San Juan County, New Mexico.

MR. KELLAHIN: If the Examiner please, Jason Kellahin, Kellahin & Fox, appearing in association with Mr. Charles Roberts, a member of the Colorado Bar, who will present the case.

MR. UTZ: Are there other appearances in this case?

MR. ROBERTS: Gentlemen, I have one witness, Mr.

Fred Van Matre. I would like to have him sworn at this time.

(Witness sworn.)

FRED VAN MATRE

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

DIRECT EXAMINATION

BY MR. ROBERTS:

- Q Would you please state your full name and address?
- A Fred Van Matre, Durango, Colorado.
- Q By whom are you employed and in what capacity?
- A I'm employed by Continental Oil Company as a District Engineer in Durango, Colorado.
 - Q Have you previously testified before this Commission



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as an expert witness?

A Yes, I have.

MR. ROBERTS: I would ask at this time that the Commission accept Mr. Van Matre as an expert witness.

MR. UTZ: Qualified.

- Q Are you familiar with Continental Oil Company's application in this case?
 - A Yes, I am.
 - Q What is the purpose of this application?

A Continental Oil Company proposes to amend Order R-2564 which provides for a pressure maintenance program of the Table Mesa-Dakota reservoir located in San Juan County, New Mexico.

Continental Oil Company proposes to amend the order to discontinue water injection into Well No. 25, which is located in Unit K of Section 34, Township 28 North, Range 17 West, San Juan County, New Mexico, and initiate water injection into Wells No. 22 and 23, which are located in Units N and O respectively of Section 34.

(Whereupon, Applicant's Exhibit No. 1 was marked for identification.)

Q I hand you what has been marked as Exhibit 1 for identification and ask you if it was prepared by you and under



X X X

your supervision?

- A Yes, it was.
- Q Would you state what is shown by Exhibit 1?

A Exhibit 1 is a diagram of the lease ownership in the Table Mesa field. It shows all the wells that have been drilled in this area. It shows the lease ownership within a two-mile radius of the proposed injection wells. It depicts the jointly owned interest by Continental Oil Company and Holly Oil Company.

MR. UTZ: Do you have any other copies of the exhibits?

MR. ROBERTS: Yes.

Q Would you point out, if you haven't already done so, the specific location of the two proposed injection wells?

A Yes. On Exhibit 1, in Section 34, Township 20 North, Range 17 West, Well No. 22 is located in Unit N and Well No. 3 is located in Unit O.

Q Referring to what has been marked as Exhibit 1, would you state, please, the number of producing Dakota wells within the pressure maintenance area?

A At the present time there are seven wells that are producing.

Q Are any wells within the pressure maintenance area



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Yes, sir. Four wells shut in at this time. are Well No. 9, Well No. 14, Wells No. 22 and 23.

MR. UTZ: 9, 14, 22 and 23?

Yes, sir. A ...

· Q Of course, Well No. 25, the current injection well, is shut in, is that not true?

We are injecting water into that well at this time.

I should have said not producing. With regard to the proposed injection wells being Nos. 22 and 23, when were those wells completed?

Both wells were completed in the latter part of 1962.

(Whereupon, Applicant's Exhibit No. 2 was marked for identification.)

I hand you what has been marked Exhibit No. 2 for identification and ask if that was prepared under your supervision and at your direction.

A Yes, it was.

Q For the record, would you state what is shown by Exhibit 2?

Exhibit 2 is a schematic diagram of the two proposed injection wells No. 22 and 23. On the left of this exhibit is shown Well No. 22. The well was drilled to a total depth in



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the Dakota formation of 1412 feet. The Dakota top was at 1410; 5½-inch 14-pound J-55 casing was run and set at 1410 feet and cemented to the surface with 300 sacks of cement. The well had an initial potential of 68 barrels of oil per day and 1700 barrels of water per day. At the present time the well is capable of producing one barrel of oil per day and 1228 barrels of water per day.

On the right of this exhibit is shown the schematic diagram of Well No. 23. It was drilled to a total depth of 1402 feet in the Dakota formation. The top of the Dakota being at 1390; $5\frac{1}{2}$ -inch, 14-pound J-55 casing was set at 1410 feet and cemented to the surface with 300 sacks of cement. The casing was perforated at 1398 feet, and from 1398 to 1402 feet of Dakota in the open hole section.

The well had an initial potential of 35 barrels of oil per day, 1750 barrels of water per day. At the present time the well is capable of producing one barrel of oil per day, and 1293 barrels of water per day.

Were logs run on either or both of these wells?

A There were no logs run on Well No. 23, an open hole ES log was run on No. 22. However, this log was run prior to the drilling of the Dakota formation and the Dakota has not been involved.

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A The producing mechanism is water drive.

Q Have you had occasion to prepare or make a study recently of the pressure performance of the Dakota reservoir?

A Yes, I have.

(Whereupon, Applicant's Exhibit No. 3 was marked for identification.)

Q I hand you what has been marked for identification as Exhibit 3 with eleven sheets and ask if it was prepared at your direction and under your supervision.

A Yes, it was.

Q For the record, would you state what is shown by Exhibit 3?

Dakota field, also the individual well performance and curves.

The first exhibit is a performance plot of the entire Table Mesa field. On this plot is shown the water production, oil production, the pressure information and the number of wells. Water injection was commenced in February, 1964 into Well No. 25.

Prior to the initiation of the water injection a pressure survey was made on Well No. 25 and the pressure was about 360 pounds.

As water was reinjected through July, approximately 400,000



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Well No. 25 was taken and the pressure was 442 pounds, or approximately an 30-pound increase through injection into this well.

As can be seen on the top curve of the water production,

barrels of water into Well 25. In June a pressure survey of

As can be seen on the top curve of the water production, prior to injection we were producing about a hundred thousand barrels of water per month. As we injected water the water production increased to a maximum of 220,000 barrels per month in March and has averaged about 150,000 barrels a month since that time; as can be seen there has been no significant increase in the oil production. The increase in water production, as shown by this curve, has been primarily from Wells No. 22 and 23, which, of course, are proposed water injection wells.

As can be shown on Exhibit 1, the location of Wells 22 and 23 with respect to 25, we have been injecting about 3,000 barrels of water per day into Well No. 25 and have withdrawn an equivalent volume from Wells No. 22 and 23. With this cycling process that we have there has been no chance for water to move to upstructure wells and stimulate their production.

- Q What has been happening to all the water, briefly, that you have been putting into Well No. 25?
- A All the water we have put into Well No. 25 has gone directly to Wells No. 22 and 23, and we have withdrawn the



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equivalent volumes from these two wells that we had injected into 25.

- What is the producing rate of water and oil? Q
- Prior to shutting in Wells No. 22 and 23, which was in July of this year, in June, with the full month's production, we averaged 79 barrels of oil per day and approximately 6,000 barrels of water per day.
- From what you have said here, then, would it be your expert opinion that the proposed injection program utilizing Wells 22 and 23 will augment the natural water influx into the reservoir and thereby maintain reservoir pressure?
 - Yes, it will.
- I don't believe you previously brought this out, would you please state where Wells 22 and 23 are located structurally in the field and with specific regard to Well No. 25?
- Yes. Well No. 22 is 35 feet structurally higher than Well No. 25, and Well No. 23 is 40 feet structurally higher than Well 25.

MR. ROBERTS: I would state at this time that at the time of the original hearing a number of exhibits were submitted which would still prevail with regard to the structural location and that sort of thing. We didn't deem it necessary to reintroduce those at this time.



Q What will be the amount of water to be injected into Wells 22 and 23?

A We plan to inject a total of 3,000 barrels of water per day.

Q What is the characteristic of the water that will be injected?

A The water that we'll inject will be the produced water from the same formation to which it is to be injected. This also is the same water in which we have reference in our original application.

Q So the same water will be used in this case as was in the case of Well 25?

A That is correct.

Q What do you anticipate will be the surface injection pressure with regard to Wells 22 and 23?

A We anticipate that they will accept water at zero surface pressure. This is based on the performance of Well No. 25, which has accepted water at zero surface pressure.

Q Was a copy of this application sent to the State Engineer's Office?

A Yes, it was.

MR. ROBERTS: I have no further questions of the witness. Perhaps you have some.



BOX 1092 . PHONE

1120 SIMMS BLDG.

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BY MR. UTZ:

Q Do you have the datum of the lowest oil-producing well? In other words, specifically what I'm after is to find out how far below the oil-producing zone you are intending to inject water.

CROSS EXAMINATION

A Do you have the copy of the structure map there that was with our original application? Here is a copy.

Q Perhaps we can get at it this way, Nos. 22 and 23, the point of injection below the oil horizon and the producing oil wells.

A In Wells No. 22 and 23 I would say it is tight through the natural water influx into the reservoir. Well No. 25, as shown on there, the injection was into the aquifer. I might further state that in my opinion I don't believe there's any oil to be lost between Wells No. 25 and 22 and 23 with the injection of 400,000 barrels of water. I believe all the oil that is to be obtained between those wells has been obtained at this time.

- Q The No. 21 well, is that producing?
- A Yes, sir.

MR. ROBERTS: How much is it producing at this time?

- A It produces six barrels of oil per day.
- Q (By Mr. Utz) No. 21 is the lowest producing oil well



. ALBUQUERQUE, NEW MEXICO

shown on your contour map, is that correct?

- A Yes, sir, I believe it is.
- Q That is about plus 3962, I would say?
- A Yes.
- Q While the 23, the highest is on the 3950 contour?
- A Yes, sir.
- Q So you will be injecting some 12 feet below the producing oil zone, is that correct?

A That is correct. What we need to do is to actually get closer to the oil reservoir with our injection into Wells No. 22 and 23 where 25 is actually too far away and in the aquifer.

MR. UTZ: Any other questions of the witness?
MR. DURRETT: I have a question.

BY MR. DURRETT.

- Q What do you plan to do with this Well No. 25 that you have been injecting into?
 - A We would just shut the well in.
- Q Just shut it in. You don't plan to plug it or anything at this time?
 - A No, sir.

MR. DURRETT: Thank you, that's all I have.

MR. ROBERTS: I would like to offer Exhibits 1, 2 and



. ALBUQUERQUE, NEW MEXICO

1120 SIMMS BLDG, • P. O. BOX 1092 • PHONE 243-6691

3 into evidence.

MR. UTZ: Without objection, Exhibits 1, 2 and 3 will be admitted into evidence, and the witness may be excused.

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

(Witness excused.)

MR. UTZ: The file contains a letter from the Chief of the Water Rights Division of the State Engineer's Department. The text of the letter is that he has no objection to this application. Any other statements in this case? The case will be taken under advisement.



1120 SIMMS BLDG. . P. O. BOX 1092 . PHONE 243-6691 . AIBUQUERQUE.

STATE OF NEW MEXICO SS COUNTY OF BERNALILLO)

I, ADA DEARNLEY, 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 September, 1964.

My Commission Expires: June 19, 1967.



A do hereby certify that the foregoing is e complete record of the proceedings in the Examiner bearing of Case No. 3.6.95. heard by me on Oug. 26, 1967.

New Mexico Oil Conservation Commission

JMD/esr August 28, 1964

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:

CF Subj. pressure maint amend R-2564

CASE No. 3095
Order No. R-2743

APPLICATION OF CONTINENTAL OIL COMPANY FOR AN AMENDMENT TO ORDER NO. R-2564, SAN JUAN COUNTY, NEW MEXICO.

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ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 26 , 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz

NOW, on this <u>day of September 1964</u>, 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 Order No. R-2564 dated September 11, 1963, authorized the applicant, Continental Oil Company, to institute a pressure maintenance project in the Table Mesa-Dakota Oil Pool with the injection of water into the Dakota formation initially through the Continental Table Mesa Well No. 25, located in Unit K of Section 34, Township 28 North, Range 17 West, NMPM, San Juan County, New Mexico.
 - (3) That the applicant seeks amendment of Order No. R-2564 to authorize the applicant to inject water into its Table Mesa

Well No. 22 located in Unit N and its Table Mesa Well No. 23 located in Unit O of said Section 34 in lieu of the previously authorized injection well.

(4) That approval of the subject application should result - Ackta Oil in greater ultimate recovery of oil from the Table Mesa Pool, thereby preventing waste.

IT IS THEREFORE ORDERED:

- (1) That Order No. R-2564 is hereby amended to authorize Continental Oil Company to inject water into its Table Mesa Well No. 22 located in Unit N and its Table Mesa Well No. 23 located in Unit O of Section 34, Township 28 North, Range 17 West, NMPM, San Juan County, New Mexico, in lieu of its Table Mesa Well No. 25 located in Unit of said Section 34.
- (2) 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.

