

CASE 4923: Application of TEXACO
FOR SALT WATER DISPOSAL, LEA
COUNTY, NEW MEXICO.

CASE No.

4933

Application,

Transcripts,

Small Exhibits

ETC.

dearnley, meier & associates

209 SIMMS BLDG. • P.O. BOX 1002 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103
1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87106

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
CONFERENCE ROOM, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO
August 9, 1973

EXAMINER HEARING

IN THE MATTER OF:

Application of Texaco Inc. for
salt water disposal, Eddy County,
New Mexico.

Case No. 4933

BEFORE: ELVIS A. UTZ,
Examiner.

TRANSCRIPT OF HEARING

dearnley, meier & associates

209 SIMMS BLDG., P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103
1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

1 MR. UTZ: Case 4933.

2 MR. CARR: 4933. Application of Texaco Inc. for
3 salt water disposal, Eddy County, New Mexico. Applicant,
4 in the above-styled cause, seeks authority to dispose
5 of produced salt water into the Delaware formation
6 through the perforated interval from 4280 feet to 4288 feet
7 in its R. T. Wilson Federal Well No. 5 located in Unit J
8 of Section 24, Township 26 South, Range 31 East, North
9 Mason-Delaware Pool, Eddy County, New Mexico.

10 MR. UTZ: We will set the case, 4933, to the end
11 of the docket. If they do not show, we will dismiss it.

12 Has this case been heard?

13 MR. CARR: That one may have been heard. This case
14 was advertised on the April 11th docket and we had some
15 change in the advertisement.

16 MR. UTZ: We have called the case. We've asked
17 for appearances; no one appeared. So we'll take the
18 case under advisement and write an order based on the
19 order of April 11, 1973.
20
21
22
23
24
25

dearnley, meier & associates

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103
1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87106C E R T I F I C A T E

I, CLAUDIA FAHRENTHOLD, a Court Reporter, in and for the County of Bernalillo, Stat. 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.

Claudia J. Fahrenthold
COURT REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the hearing of Case No. 4833.
Held by me Aug 7, 1973.
[Signature] Examiner
New Mexico Oil Conservation Commission

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
OIL CONSERVATION COMMISSION CONFERENCE ROOM
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO
Wednesday, April 11, 1973

EXAMINER HEARING

IN THE MATTER OF:

Application of Texaco Inc. for
salt water disposal, Lea County,
New Mexico.

Case #4933

BEFORE: Elvis A. Utz

TRANSCRIPT OF HEARING

1 MR. UTZ: Case 4933.

2 MR. CARR: Case 4933, application of Texaco, Inc.
3 for salt water disposal, Lea County, New Mexico.

4 MR. UTZ: Appearances in this case?

5 MR. BATEMAN: I'm Ken Bateman of White, Koch, Kelly,
6 & McCarthy, Santa Fe, appearing for the applicant.

7 MR. UTZ: Other appearances?

8 MR. BATEMAN: I have one witness. I ask that he
9 be sworn.

10 KEN PETERS

11 was called as a witness and after being duly sworn according
12 to law, testified as follows:

13 DIRECT EXAMINATION

14 BY MR. BATEMAN:

15 Q Would you state your name and employment, sir?

16 A Ken Peters. I am employed with Texaco as the District
17 Production Engineer in Hobbs, New Mexico.

18 Q Have you previously testified before the Commission?

19 A Yes, sir. I have.

20 Q Have you made your qualifications a matter of record?

21 A Yes, sir. I have.

22 MR. BATEMAN: Are the witness' qualifications
23 acceptable?

24 MR. UTZ: Yes, sir. They are.

25 Q (By Mr. Bateman) Mr. Peters, refer to the datum map in

1 this case which has been marked Exhibit 1 and explain
2 what Texaco seeks by its application.

3 A Texaco seeks authority to dispose of produced water from
4 the well zone Federal lease in the North Mason Delaware
5 formation through its R.T.Wilson Federal Well Number 5
6 in the unit J, Section 24, Township 26 South, Range 31
7 East, in Eddy County, New Mexico.

8 There has been an error in the advertisement of this
9 case. It was advertised as Lea County, New Mexico;
10 but it's Eddy County, New Mexico.

11 With Exhibit 1, we have the sublease outlined in
12 yellow with a red arrow indicating the position of the
13 subject well. The entire lease is currently producing
14 33 barrels of oil per day and 105 barrels of water per
15 day, and the field in general is in the advanced stages
16 of primary depletion.

17 There is another salt water disposal in the field,
18 and that's Continental's Thompson 19 Federal Well Number 2.
19 In the past, this well was located in Unit F of Section
20 19, 26 South.

21 Negotiations in the past were initiated to join the
22 existing SWD system, but no agreement was ever reached;
23 and Well Number 5, the proposed SWD well, was completed
24 in October, 1956, and produced 53 barrels of water on
25 initial potential test. The well is now depleted and

1 has a cumulative oil production of 20,948 barrels as of
2 April 1st, 1973; and there are no shallower zones of
3 commercial interest in the well. The well is structurally
4 on the flank of the reservoir and low to offsetting wells.

5 Q Mr. Peters, what is presently being done with the
6 produced salt water?

7 A The water is being trucked out by a transport company.

8 Q All right. Let's continue with Exhibit Number 2.

9 A With Exhibit Number 2, we see the proposed completion.
10 It also depicts the present casing, the 8 5/8, the
11 depth at which it is set, separated, circulated back
12 to the surface on the five-eighths.

13 The four-and-a-half inch casing is set at 4290,
14 and it is cemented with 400 sacks and the cement top is
15 at 902 feet.

16 Texaco proposes to convert this well by injecting
17 into the Delaware interval as shown from 4280 to 4288 by
18 installing plastic tubing with a packer set at 4200 feet.

19 A pressure gauge will be placed on the annulus and
20 the tubing casing annulus will be filled with an inert
21 fluid to prevent corrosion. The initial injection rate
22 will be 105 barrels of water per day by a pump.

23 Q All right. Continue with Exhibit Number 3, please.

24 A Exhibit Number 3 is a Gamma Ray Neutron Log of the subject
25 well from 2930 to 4288. It shows the representative

1 Delaware perforations from 4280 to 4288 and the top of
2 the Delaware formation is shown at 4228.

3 Q All right. In view of the structural location of the
4 proposed injection well, do you expect any adverse effects
5 from the injection of water at the rates you specified?

6 A No, we do not. At the initial injection rate of 105
7 barrels a day, it was calculated that it would take
8 fourteen years for this injection interval to be readily
9 filled with the injected fluid to effect the nearest
10 offset producing well, and the sublease will decline on
11 primary production in seven years.

12 Q Do you think there will be any adverse effect on correlative
13 rights?

14 A No, sir.

15 Q Will the granting of your application prevent waste?

16 A Yes, sir.

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

19 A Yes, sir. They were.

20 MR. BATEMAN: I move the introduction of Exhibits
21 1 through 3.

22 MR. UTZ: Without objection, Exhibits 1 through 3
23 will be entered into the record of this case.

24 * * * * *

25

CROSS-EXAMINATION

1

2 BY MR. UTZ:

3 Q I haven't had a chance to study your cement program. You
4 are internally plastic coating your tubing?

5 A Yes.

6 Q Is the pressure gauge at the surface annulus to be filled
7 with inert fluid. Let's see, your cement is at 902. The
8 bottom is cemented on the eight and five-eighths at
9 985 so you have an overlap; is that correct?

10 A Yes, sir. That is correct.

11 Q All right. How much water, 105 barrels a day?

12 A Initially, yes, sir.

13 Q And how many wells will the water come from in this pool?

14 A The produced water will, that will be injected into the
15 proposed well will be produced from Texaco's 4 remaining
16 wells on the sublease, Wells Number 1, 2, 3, and 4.

17 Q All right, sir. You intend to treat this water, or are
18 you going to depend on the plastic coated tubing to take
19 care of it?

20 A Yes, we will primarily depend on the measures that we
21 are taking with our plastic coating.

22 MR. UTZ: Are there any other questions of the
23 witness? The witness may be excused. Are there
24 statements in the case? The case will be taken under
25 advisement. Let's take a ten-minute break.

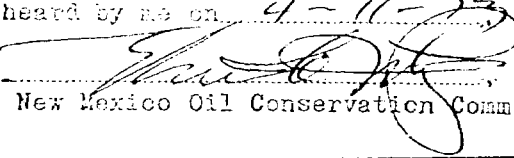
(Whereupon, a recess was held.)

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

I, JANET RUSSELL, a 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.


Notary Public

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 4933,
heard by me on 4-11-73, 1973.


Examiner
New Mexico Oil Conservation Commission

I N D E XWITNESSPAGE

KEN PETERS

Direct Examination by Mr. Bateman

3

Cross-Examination by Mr. Utz

6

E X H I B I T SOfferedAdmitted

Exhibit #1

6

6

Exhibit #2

6

6

Exhibit #3

6

6



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

I. R. TRUJILLO
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMUJO
MEMBER
STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

August 23, 1973

Re: CASE NO. 4933
ORDER NO. R-4614
Applicant:
Texaco Inc.

Mr. Ken Bateman
White, Koch, Kelly & McCarthy
Attorneys at Law
Post Office Box 787
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,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC

Other Bureau of Land Management

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. 4933
Order No. R-4614

APPLICATION OF TEXACO INC. FOR
SALT WATER DISPOSAL, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 9, 1973, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 23rd day of August, 1973, 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, Texaco Inc., is the owner and operator of the R. T. Wilson Federal Well No. 5, located in Unit J of Section 24, Township 26 South, Range 31 East, NMPM, North Mason-Delaware Pool, Eddy County, New Mexico.

(3) That the applicant proposes to utilize said well to dispose of produced salt water into the Delaware formation, with injection into the perforated interval from approximately 4280 feet to 4288 feet.

(4) That the injection should be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set at approximately 4200 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus or the annulus left open at the surface in order to determine leakage in the casing, tubing, or packer.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

-2-

Case No. 4933
Order No. R-4614

IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc., is hereby authorized to utilize its R. T. Wilson Federal Well No. 5, located in Unit J of Section 24, Township 26 South, Range 31 East, ENPM, North Mason-Delaware Pool, Eddy County, New Mexico, to dispose of produced salt water into the Delaware formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 4200 feet, with injection into the perforated interval from approximately 4280 feet to 4288 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus or the annulus left open at the surface in order to determine leakage in the casing, tubing, or packer.

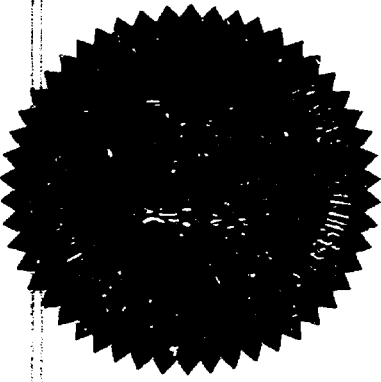
(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(3) That Commission Order No. R-4519 is hereby superseded in its entirety.

(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



I. R. Trujillo
I. R. TRUJILLO, Chairman

Alex J. Arrellio
ALEX J. ARELLIO, Member

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

S E A L

dx/

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. 4933
Order No. R-4519

APPLICATION OF TEXACO INC. FOR
SALT WATER DISPOSAL, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 11, 1973, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 17th day of May, 1973, 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, Texaco Inc., is the owner and operator of the R. T. Wilson Federal Well No. 5, located in Unit J of Section 24, Township 26 South, Range 31 East, NMPM, North Mason-Delaware Pool, Lea County, New Mexico.

(3) That the applicant ^{Eddies}proposes to utilize said well to dispose of produced salt water into the Delaware formation, with injection into the perforated interval from approximately 4,280 feet to 288 feet.

(4) That the injection should be accomplished through 2 3/8-inch plastic-lined tubing installed in a packer set at approximately 1200 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

-2-

Case No. 4933
Order No. R-4519

IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc., is hereby authorized to utilize its R. T. Wilson Federal Well No. 5, located in Unit J of Section 24, Township 26 South, Range 31 East, NMPM, North Mason-Delaware Pool, Lea County, New Mexico, to dispose of produced salt water into the Delaware formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 4200 feet, with injection into the perforated interval from approximately 4,280 feet to 4,288 feet;

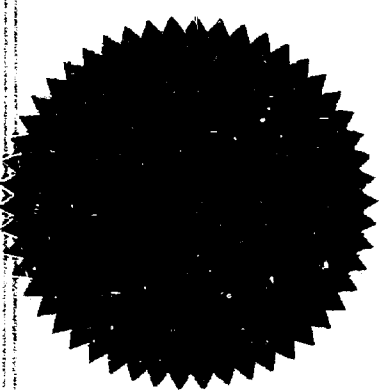
PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus at the surface in order to determine leakage in the casing, tubing, or packer.

(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(3) 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



I. R. Trujillo
I. R. TRUJILLO, Chairman

Alex J. Armiño
ALEX J. ARMIJO, Member

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

S F A L

dr/

Memo

From

To

only change from previous
order appears to be
changing Lea to Eddy Co.

Wk



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

87501

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

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

May 21, 1973

Mr. Ken Bateman
White, Koch, Kelly & McCarthy
Attorneys at Law
Post Office Box 787
Santa Fe, New Mexico

Re: Case No. 4933 & 4934

Order No. R-4519 & 4518

Applicant:

Texaco Inc.

DOCKET MAILED
Date 7-27-73

Dear Sir:

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

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC R-4519
Aztec OCC

Other R-4519 to Bureau of Land Management

- CASE 4932: Application of Atlantic Richfield Company for a non-standard proration unit, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 340.94-acre non-standard gas proration unit comprising the W/2 of Section 11, Township 21 South, Range 25 East, Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, to be dedicated to its Pure Federal Well No. 1 located in Unit K of said Section 11.
- CASE 4933: Application of Texaco Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware formation through the perforated interval from 4280 feet to 4288 feet in its R. T. Wilson Federal Well No. 5 located in Unit J of Section 24, Township 26 South, Range 31 East, North Mason-Delaware Pool, Lea County, New Mexico.
- CASE 4934: Application of Texaco Inc. 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 in the open-hole interval from 12,172 feet to 12,581 feet of its U. D. Sawyer Well No. 3 located in Unit I of Section 34, Township 9 South, Range 36 East, Crossroads-Devonian Pool, Lea County, New Mexico.
- CASE 4935: Application of Texaco Inc. for dissolution of a unit and approval of another unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the dissolution of the State "JD" Unit Area approved by Commission Order No. R-3886 and the approval of the Rhodes Yates Unit Area comprising 520 acres, more or less, of State and Federal lands in Township 26 South, Range 37 East, Lea County, New Mexico.
- CASE 4936: Application of Texaco Inc. for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in its Rhodes Yates Unit Area by the injection of water into the Yates-Seven Rivers formations through seven injection wells located in Sections 21, 27 and 28, Township 26 South, Range 37 East, Rhodes-Yates Pool, Lea County, New Mexico.
- CASE 4923: (Continued and Readvertised)
- Application of Continental Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for a 360-acre non-standard gas proration unit comprising Lots 14, 15, and 16 and the SE/4 and E/2 SW/4 of Section 4, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, to be dedicated to its Meyer B-4 Well No. 4 located in Unit S of said Section 4.

DOCKET: EXAMINER HEARING - THURSDAY - AUGUST 9, 1973

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:

- ALLOWABLE: (1) Consideration of the allowable production of gas for September, 1973, from seventeen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico;
- (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for September, 1973.

CASE 4933: (Readvertised)

Application of Texaco Inc. for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware formation through the perforated interval from 4280 feet to 4288 feet in its R. T. Wilson Federal Well No. 5 located in Unit J of Section 24, Township 26 South, Range 31 East, North Mason-Delaware Pool, Eddy County, New Mexico.

CASE 5040: Application of Wallen Production Company for a pressure maintenance project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a pressure maintenance project by the injection of water into the Yates Seven-Rivers formation in its Federal Well No. 2 located in Unit C of Section 20, Township 20 South, Range 34 East, North Lynch Yates-Seven Rivers Pool, Lea County, New Mexico.

CASE 5041: Application of W. T. Wynn for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Kaiser Lake Unit Area comprising 960 acres, more or less, of federal and fee lands in Township 18 South, Ranges 26 and 27 East, Eddy County, New Mexico.

CASE 4789: (Reopened)

In the matter of Case No. 4789 being reopened pursuant to the provisions of Order No. R-4375, which order established special rules and regulations for the Many Gates-Abo Pool, Chaves County, New Mexico, including a provision for 80-acre proration units. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing.

CASE 4548: (Reopened)

In the matter of Case No. 4548 being reopened pursuant to the provisions of Order No. R-4157, which order established special rules and regulations for the Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, including a provision for 640-acre proration units. All interested parties may appear and show cause why said pool should not be developed on 320-acre spacing.

Case 4933
Recd 4-11-73
Rec. 4-25-73

Trans. Service Co. request for
SWD from their R.T. Wilson
End to S. J - 24-26-31, North Hudson
Delaware Pool. Direction to be then
2 3/8 P.C. T.D. tubing & under a packer
set at approx. 4200' into the
Delaware form. Annulus to be
filled w/ inert fluid w/ a pressure
gauge at the surface.

— J. J. J.

Tubing - Casing annulus loaded
with inhibited fluid.

PRESSURE GAUGE

8-5/8" csg. set at 985'. Cemented
with 600 sacks. Cement circulated.

4-1/2" csg. set at 4290'. Cemented
with 400 sacks. Calc. cement top
at 902'.

2-3/8" Plastic Coated tubing at
4200'.

Plastic Coated Packer at 4200'.

4933	2
TEXACO	
11/11/73	

DELAWARE
PERF: 4280' - 4288'
PBTD 4289'

plastic coated tubing

PROPOSED COMPLETION

TEXACO INC.

R.T. WILSON FEDERAL WELL NO. 5
MASON NORTH DELAWARE POOL
EDDY COUNTY, NEW MEXICO

inert fluid

*press gauge on annulus
75 BOPD - pumped*

OFFSET OPERATORS

R. T. Wilson Federal Well 5

Lea County, New Mexico

Continental Oil Company
P.O. Box 431 Permian Building
Midland, Texas 79701

Hanson Oil Corporation
P.O. Box 1515 Petroleum Building
Roswell, New Mexico 88201

American Petrofina Company of Texas
P.O. Box 1311
Big Spring, Texas 79720

Case 4933



PETROLEUM PRODUCTS

March 15, 1973

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

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



REQUEST FOR EXAMINER HEARING
R. T. Wilson Federal Well No. 5
Mason North Delaware Pool
Lea County, New Mexico

Gentlemen:

It is requested that an examiner hearing be scheduled to consider the application of Texaco Inc. for disposal of produced water in the Mason North Delaware Pool, Lea County, New Mexico.

At this hearing, Texaco will seek permission to dispose of produced water into the R. T. Wilson Federal Well No. 5 located in Unit J, Section 24, Township 26 South, Range 31 East, Lea County, New Mexico. Disposal will be via plastic coated tubing into a perforated interval from 4280 feet to 4288 feet. Initially, the disposal rate into the well will be 105 barrels of water per day by injection pump.

Enclosed with this request are three copies of a plat of the area showing the proposed SWD well, three copies of the log of the well, and three copies of a diagrammatic sketch of the proposed disposal well.

Yours very truly,

J. V. Gannon
J. V. Gannon
District Superintendent

KIP:wg
MAS, Jr.
JSR
Attachments

DOCKET MAILED

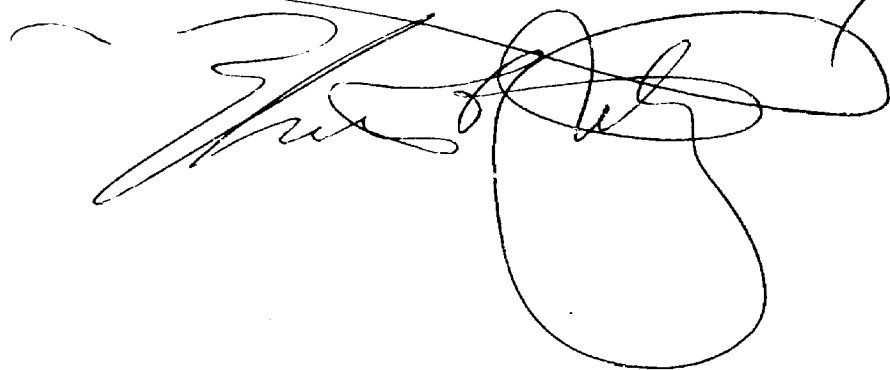
Date 7-27-73

DOCKET MAILED

Date 3/29/73

Case 4933
Heard 8-4-73
Re: —

Grant Texas permission
to convert their ~~set~~
R.T. Mason #5-1-73
to 26-31 H. Mason Del. to
an 54D roll.
Case was already heard.



DRAFT

dr/

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. 4933

Order No. R-4614

APPLICATION OF TEXACO INC. FOR
SALT WATER DISPOSAL, EDDY
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on August 9, 1973,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this day of August, 1973, 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, Texaco Inc.,
is the owner and operator of the R. T. Wilson Federal Well No. 5,
located in Unit J of Section 24, Township 26 South, Range
31 East, NMPM, North Mason-Delaware Pool, Eddy
County, New Mexico.

(3) That the applicant proposes to utilize said well to
dispose of produced salt water into the Delaware
formation, with injection into the perforated interval
from approximately 4280 feet to 4288 feet.

(4) That the injection should be accomplished through
2 3/8-inch plastic-lined tubing installed in a packer set at

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approximately 4200 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus or the annulus left open at the surface in order to determine leakage in the casing, tubing, or packer.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc., is hereby authorized to utilize its R. T. Wilson Federal Well No. 5 located in Unit J of Section 24, Township 26 South, Range 31 East, NMPM, North Mason-Delaware Pool, Eddy County, New Mexico, to dispose of produced salt water into the Delaware formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 4200 feet, with injection into the perforated interval from approximately 4280 feet to 4288 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus or the annulus left open at the surface in order to determine leakage in the casing, tubing, or packer.

(2) That the applicant shall submit monthly reports of its disposal operations 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.

(3) That Commission Order No. R-4519 is hereby superseded in its entirety.

DRAFT

dr/

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. 4933

Order No. R- 4519

APPLICATION OF TEXACO INC. FOR
SALT WATER DISPOSAL, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 11, 1973,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this day of April May, 1973, 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, Texaco Inc.,
is the owner and operator of the R. T. Wilson Federal Well No. 5,
located in Unit J of Section 24, Township 26 South, Range
31 East, NMPM, North Mason-Delaware Pool, Lea
County, New Mexico.

(3) That the applicant proposes to utilize said well to
dispose of produced salt water into the Delaware
formation, with injection into the perforated interval
from approximately 4,280 feet to 4,288 feet.

(4) That the injection should be accomplished through
2 3/8-inch plastic-lined tubing installed in a packer set at

CASE No. 4933

approximately 4200 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge should be attached to the annulus ~~or the annulus left open~~ at the surface in order to determine leakage in the casing, tubing, or packer.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc.,
is hereby authorized to utilize its R. T. Wilson Federal Well No. 5,
located in Unit J of Section 24, Township 26 South, Range
31 East, NMPM, North Mason-Delaware Pool, Lea
County, New Mexico, to dispose of produced salt water into the
Delaware formation, injection to be accomplished through
2 $\frac{3}{8}$ -inch tubing installed in a packer set at approximately
4200 feet, with injection into the perforated interval
from approximately 4,280 feet to 4,288 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined;
that the casing-tubing annulus shall be filled with an inert
fluid; and that a pressure gauge shall be attached to the annulus
~~or the annulus left open~~ at the surface in order to determine
leakage in the casing, tubing, or packer.

(2) That the applicant shall submit monthly reports of its
disposal operations in accordance with Rules 704 and 1120 of the
Commission Rules and Regulations.

(3) 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.