



Texaco USA

TEXACO INC.  
P.O. Box 1000  
Houston, Texas 77258

July 16, 1985

Department of Energy & Minerals  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

*Case 8677*

RE: APPLICATION TO INJECT  
FORM C-108  
SKELLY PENROSE "A" UNIT  
WELL NO. 62  
LEA COUNTY, NEW MEXICO

Gentlemen:

Attached are the original and one copy of Texaco Inc's. "Application For Authorization To Inject", Form C-108, on the Skelly Penrose "A" Unit Well No. 62, located 2200' FSL & 2200' FWL, Section 3, T-23-S, R-37-E, Lea County, New Mexico. Perforations in the Langlie Mattix zone will be squeezed off, cement plugs cleaned out to 5120' and the well will then be converted to salt water disposal in the San Andres from 3913' to 5120' through the 9-5/8" x 5-1/2" annulus and/or perforations. This Application is being mailed to the Surface Landowner while all offsetting leases within 1/2 mile are operated by Texaco.

Yours very truly,

W. B. CADE  
District Operations Manager

DBW:JEB

Attachments

cc: Department of Energy & Minerals  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88240

# Memo

*From*

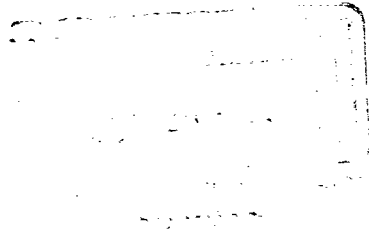
EDDIE W. SEAY  
Field Representative

*To*

*Case No. 8677*

*Here are the analysis around  
Texaco SWD Application.*

*Ed*



Oil Conservation Division  
PO Box 1980, Hobbs, New Mexico 88240



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

TONEY ANAYA  
GOVERNOR

July 12, 1984

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88240  
(505) 393-6161

Mr. R. D. Sims  
Eunice, NM 88240

Dear Mr. Sims:

The analysis of your waters are representative of the water analyzed in sections north and east of your ranch. All wells except the one at your house are in good shape.

The chloride content of your house well is getting close to EPA limit and you might want to start using one of the other wells for house use. If we can be of any help, please call.

Very truly yours,

*Eddie W. Seay*  
Eddie W. Seay

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS, NEW MEXICO

WATER ANALYSIS

Well Ownership: R.D. SIMS Well No. WEST PASTURE

Land Status: State        Federal        Fee       

Well Location: Unit Letter       , Section       , T        S, R        E

Type Well: water well sub pump Depth        feet.

Well Use: livestock cattle & horses

Sample Number:       

Date Taken: 7/10/84

Taken By: Eddie Seay

Specific Conductance:        m/

Total dissolved Solids:        PPM.

Chlorides: 99.4 PPM.

Sulfates:        PPM.

Ortho-phosphates: ☐ V.Low ☐ Low ☐ Medium ☐ High

Sulfides: ☐ None ☐ Low ☐ Medium ☐ High

       :       

Date Analyzed: 7/11/84

By: Oil Conservation Division

REMARKS:       

25 ml sample 142 x .7 titration = 99.4 ppm Cl

Submergible pump on water well west of Floyd's House (old home place)

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS, NEW MEXICO

WATER ANALYSIS

Well Ownership: R. D. SIMS Well No. Corral south of house

Land Status: State        Federal        Fee       

Well Location: Unit Letter       , Section       , T        S, R        E

Type Well: domestic sub pump Depth        feet.

Well Use: livestock

Sample Number:       

Date Taken: 7/10/84

Taken By: Eddie Seay

Specific Conductance:        m/

Total dissolved Solids:        PPM.

Chlorides: 312.4 PPM.

Sulfates:        PPM.

Ortho-phosphates: ☐ V.Low ☐ Low ☐ Medium ☐ High

Sulfides: ☐ None ☐ Low ☐ Medium ☐ High

Date Analyzed: 7/11/84

By: Oil Conservation Division

REMARKS:       

25 ml 142 x 2.2 titration = 312.4 ppm Cl

Well located just south of R.D. Sims house at corral.

## WATER ANALYSIS

R.D. Sims house well

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS, NEW MEXICO

WATER ANALYSIS

Well Ownership: R. D. SIMS Well No. North Windmill

Land Status: State        Federal        Fee       

Well Location: Unit Letter       , Section       , T        S, R        E

Type Well: windmill Depth        feet.

Well Use: livestock

Sample Number:                     

Date Taken: 7/10/84

Taken By: Eddie Seay

Specific Conductance:                      m/cm

Total dissolved Solids:                      PPM.

Chlorides: 71.0 PPM.

Sulfates:                      PPM.

Ortho-phosphates: ☐ V.Low ☐ Low ☐ Medium ☐ High

Sulfides: ☐ None ☐ Low ☐ Medium ☐ High

                     :                     

Date Analyzed: 7/11/84

By: Oil Conservation Division

REMARKS:                     

25 ml 142 x .5 titration = 71 ppm Cl.

Windmill located north of old home place (Floyd's)

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS, NEW MEXICO

## WATER ANALYSIS

Well Ownership: R. D. SIMS Well No. East well

Land Status: State Federal Fee

Well Location: Unit Letter \_\_\_\_\_, Section \_\_\_\_\_, T \_\_\_\_\_ S, R \_\_\_\_\_ E

Type Well: water well sub pump Depth feet.

Well Use: Livestock and gardening

Sample Number: \_\_\_\_\_

Date Taken: 7/10/84

**Taken By:** Eddie Seay

Specific Conductance: \_\_\_\_\_ m/cm

Total dissolved Solids: \_\_\_\_\_ PPM.

Chlorides: 213.0 PPM.

**Sulfates:** PPM.

Ortho-phosphates: ☐ V.Low ☐ Low ☐ Medium ☐ High

Sulfides: ☐ None ☐ Low ☐ Medium ☐ High

Date Analyzed: 7/11/84

By: Oil Conservation Division

REMARKS:

25 ml sample  $142 \times 1.5$  titration = 213 ppm Cl

Well located east of R.D. Sims house around garden spot.



ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS, NEW MEXICO

WATER ANALYSIS

Well Ownership: R. D. SIMS Well No. Hill Pasture

Land Status: State        Federal        Fee       

Well Location: Unit Letter       , Section       , T        S, R        E

Type Well: Sub pump water well Depth        feet.

Well Use: Livestock

Sample Number:       

Date Taken: 7/10/84

Taken By: Eddie Seay

Specific Conductance:        m/

Total dissolved Solids:        PPM.

Chlorides: 255.6 PPM.

Sulfates:        PPM.

Ortho-phosphates: ☐ V.Low ☐ Low ☐ Medium ☐ High

Sulfides: ☐ None ☐ Low ☐ Medium ☐ High

Date Analyzed: 7/11/84

By: Oil Conservation Division

REMARKS:       

25 ml sample 142 x 1.8 = 255.6 ppm Cl

Well located SW of Anadarko field office off Highway 18.

## WATER ANALYSIS

Well located south of old home place approximately 2 miles in Gulf LaMunyon Waterflood.

## WATER ANALYSIS

well located at old home place where Floyd lives



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE  
July 19, 1985

TONEY ANAYA  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88240  
(505) 393-6161

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	_____
NSL	_____
NSP	_____
SWD	_____
WFX	X _____
PMX	_____

Gentlemen:

I have examined the application for the:

Texaco Producing Inc.	Skelly Penrose-A Unit	No. 62-K	3-23-37
Operator	Lease & Well No.	Unit	S-T-R

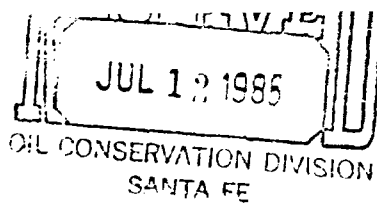
and my recommendations are as follows:

O.K.---J.S.

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/mc



Box 922  
Eunice, N. M. 88231  
July 8, 1985

Oil Conservation Division  
N. M. Energy and Minerals Dept.  
Box 2008  
Santa Fe, New Mexico 87501

Gentlemen:

In response to a notice published June 28, 1985, this letter is to inform you that we object to making a disposal well of Well #62 for the purpose of salt water disposal. Well #62 lease unit name Shelly Penrose A Unit. A unit located 2200 feet FSLannon 2200 feet FSL, Section 3, Township 25 South, Range 37 East, Lea County, New Mexico.

It is feared the salt water will damage our fresh water wells in the area of Well #62. There is one (1) well within 200 yards, two (2) wells within  $\frac{1}{2}$  mile, and one (1) well within  $\frac{3}{4}$  mile. Salt water has already made some of our wells unusable. We ask the disapproval of the application by Texaco for a disposal well. We object to any disposal wells on our property.

Sincerely,

R. D. Sims  
R. D. Sims

Thelma May Cooper  
Thelma May Cooper

Dorothy Josephine Doyl  
Dorothy Josephine Doyl

Minnie Belle Hedgpeth  
Minnie Belle Hedgpeth

Fay Ruth Parrish  
Fay Ruth Parrish

cc: W. E. Gade, Operating Mgr., Texaco  
P. O. Box 728  
Eunice, N. M. 88240



TONEY ANAYA  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

July 25, 1985

50 YEARS



1935 - 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

R. D. Sims  
Thelma May Cooper  
Dorothy Josephine Doyal  
Minnie Belle Hedgpeth  
Fay Ruth Parrish  
Box 922  
Eunice, New Mexico 88231

Re: Texaco Producing Inc.  
Salt Water Disposal  
Skelly Penrose "A" Unit  
Well No. 62-K, Section  
3, T23S, R37E

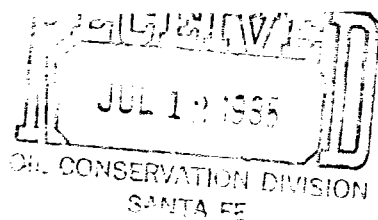
We have received your objection to the above-referenced application for salt water disposal and it will be placed in the record. A hearing in this matter has been set for August 14, 1985, and a marked copy of the advertisement is enclosed.

You may appear at the hearing and state your position if you desire, or you may obtain the services of an attorney to represent you. Regardless of whether you attend the hearing, the Division has an obligation to protect fresh water resources and will not permit the injection if your wells would be damaged.

Sincerely,

R. L. STAMETS  
Director

RLS/fd  
enc.



(Case 8677)

Box 922  
Eunice, N. M. 88231  
July 8, 1985

Oil Conservation Division  
U. S. Energy and Minerals Dept.  
Box 2068  
Santa Fe, New Mexico 87501

Gentlemen:

In response to a notice published June 28, 1985, this letter is to inform you that we object to making a disposal well of Well #62 for the purpose of salt water disposal. Well #62 lease unit name Shelly Penrose A Unit. A unit located 2200 feet TBLannon 2200 feet TBL, Section 3, Township 23 South, Range 37 East, Lea County, New Mexico.

It is feared the salt water will damage our fresh water wells in the area of Well #62. There is one (1) well within 200 yards, two (2) wells within  $\frac{1}{2}$  mile, and one (1) well within  $\frac{3}{4}$  mile. Salt water has already made some of our wells unusable. We ask the disapproval of the application by Texaco for a disposal well. We object to any disposal wells on our property.

Sincerely,

R. D. Sims  
R. D. Sims

Thelma May Cooper  
Thelma May Cooper

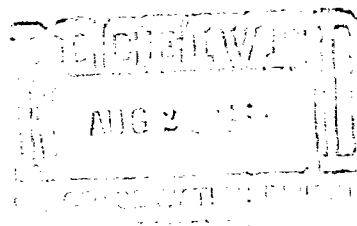
Dorothy Josephine Doyal  
Dorothy Josephine Doyal

Minnie Belle Hedgpeth  
Minnie Belle Hedgpeth

Fay Ruth Parrish  
Fay Ruth Parrish

cc: W. B. Gado, Operating Mgr., Texaco  
P. O. Box 727  
Robbs, N. M. 88240

WHITE,  
KOCH, KELLY  
&  
McCARTHY  
A PROFESSIONAL ASSOCIATION



August 19, 1985

Michael E. Stogner  
Hearing Examiner  
State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
State Land Office Building  
Post Office Box 2088  
Santa Fe, New Mexico 87504-2088

Re: Case No. 8677

Dear Mr. Stogner:

As you requested, I have prepared a draft Order approving the application in Case No. 8677. In addition, as requested at the hearing, I am responding to your requests for additional information on two points. First, the Skelly Penrose Unit "A" Well No. 67 is 1656.8 feet from the South line and 2600.7 feet from the East line of Section 3, T23S, R37E. Second, Texaco is unable to confirm the level of cement for the 9 5/8 casing of the subject well. Texaco will run a cement bond log to determine the level of the cement and will submit that information when it is available.

Sincerely yours,

ROBERT URAM

RU/1k

cc: R. D. Sims  
W. B. Cade, Texaco Inc.

978-039

L. C. White  
Sumner S. Koch  
William Booker Kelly  
John F. McCarthy, Jr.  
Kenneth Bateman  
Benjamin Phillips  
Larry C. White  
John N. Patterson  
Filmore E. Rose  
David F. Cunningham  
Albert V. Gonzales  
Robert J. Uram  
Bruce R. Kohl

Celia Foy Castillo  
Margaret B. Alcock  
Leslie C. King III  
Bruce J. Fort  
Mary Ann McConnell

Special Counsel:  
Paul L. Bloom



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 8677

Order No. R-

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

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on August 14, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this \_\_\_\_\_ day of \_\_\_\_\_, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Texaco Inc., is the owner and operator of the Skelly Penrose "A" Unit Well No. 62, located 2,200 feet from the South and West lines of Section 3, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) The applicant proposes to utilize said well to dispose of produced salt water into the San Andreas formations with injection into the open-hole interval from approximately 3913 feet to 5120 feet.

-2-

Case No. 8677

Order No. R-

(4) The injection should be accomplished through 2 3/8-inch plastic lined tubing installed in a packer set at approximately 3800 feet; the casing-tubing annulus should be filled with an inert fluid; and a pressure gauge or approved leak detection device should be attached to the annulus in order to determine leakage in the casing, tubing, or packer.

(5) Prior to commencing injection operations, the casing in the subject well should be pressure-tested throughout the interval from the surface down to the proposed packer setting depth, to assure the integrity of such casing.

(6) The injection well or system should be equipped with a pressure limiting switch or other acceptable device which will limit the well head pressure on the injection well to no more than 782 psi.

(7) The Director of the Division should be authorized to administratively approve an increase in the injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected waters from the San Andreas formation.

(8) The operator should notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity pressure test in order that the same may be witnessed.

(9) The operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

(10) Approval of the subject application will be in the interest of conservation, the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Texaco Inc., is hereby authorized to utilize its Skelly Penrose "A" Unit Well No. 62 located 2200 feet from the South and West lines of Section 3, Township 23 South, Range 37 East, NMPM, Lea County, New Mexico, to dispose of produced salt water injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 3800 feet, with injection into the open-hole interval from approximately 3913 feet to 5120 feet;

PROVIDED HOWEVER THAT, the tubing shall be internally plastic-lined; the casing-tubing annulus shall be filled with an inert fluid; and a pressure gauge shall be attached to the annulus or the annulus shall be equipped with an approved leak detection device in order to determine leakage in the casing, tubing, and/or packer.

PROVIDED FURTHER THAT, prior to commencing injection operations, the casing in the subject well shall be pressure-tested to assure the integrity of such casing in a manner that is satisfactory to the supervisor of the Division's district office at Hobbs.

(2) The injection well or system shall be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 782 psi.

(3) The Director of the Division upon proper application may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the San Andreas formation.

(4) The operator shall notify the supervisor of the Hobbs district office of the Division of the

-4-

Case No. 8677

Order No. R-

date and time of the installation of disposal equipment and of the mechanical integrity pressure test in order that the same may be witnessed.

(5) The operator shall immediately notify the supervisor of the Division's Hobbs district office of the failure of the tubing, casing, or packer, in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

(6) The applicant shall conduct disposal operations and submit monthly reports in accordance with Rules 702, 703, 704, 705, 706, 708, and 1120 of the Division Rules and Regulations.

(7) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

R. L. STAMETS  
Director

S E A L



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

TONEY ANAYA  
GOVERNOR

October 4, 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Mr. Robert Uram  
White, Koch, Kelly & McCarthy  
Attorneys at Law  
P. O. Box 787  
Santa Fe, New Mexico 87504-0787

Re: CASE NO. 8677  
ORDER NO. R-3046

Applicant:

Texaco Producing Inc.

Dear Sir:

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

Sincerely,

R. L. STAMETS  
Director

RLS/fd

Copy of order also sent to:

Hobbs OCD x  
Artesia OCD x  
Aztec OCD x

Other Floyd Sims, R. D. Sims