



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

TONEY ANAYA  
 GOVERNOR

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

January 17, 1985

Mobil Producing Texas & New Mexico  
 Nine Greenway Plaza  
 Suite 2700  
 Houston, Tx 77046

Attention: K. K. Defenbaugh

RE: Authorization to Inject North  
 Vacuum Abo Unit No. 95  
 Section 26, T17S, R34E  
 Lea County, New Mexico

Dear Ms. Defenbaugh:

In order to process the salt water disposal application for the above referenced well, some additional information will be required.

According to your tabulation of wells within the area of review, there are five wells which according to depth, penetrate the proposed Devonian injection zone. These wells are listed below:

Mobil N.V.A.U. #96	26-17S-34E	12,390'
Conoco Inc. #7	35-17S-34E	12,413'
Getty Oil Co. #6	36-17S-34E	12,110'
Marathon Oil Co. #5	25-17S-34E	12,195'
Marathon Oil Co. #7	25-17S-34E	12,125'

We would like some information regarding the present detailed construction of these wells including all casing and cementing data, perforation data, completion data, etc. This information may be reported in the form of a schematic drawing.

In regards to the Proof of Notification section on Division Form C-108, we require proof that the operators within the one half mile radius of the well are notified by a copy of your application. This proof can be in the form of copies of your certified or registered mail receipts.

Also, we require proof of publication which would include the name of the

newspaper in which the advertisement was run, the dates which it was run, and a copy of the advertisement itself.

Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "David Catanach". The signature is written in black ink and is positioned below the word "Sincerely,".

David Catanach  
Petroleum Engineer

DC/bok

# Mobil Producing Texas & New Mexico Inc.

NINE GREENWAY PLAZA—SUITE 2700  
HOUSTON, TEXAS 77046

January 31, 1985

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

Attention: Richard L. Stamets

7.01  
SALT WATER DISPOSAL WELL  
MOBIL PRODUCING TX. & N.M. INC.  
NORTH VACUUM ABO UNIT  
WELL #95  
LEA COUNTY, NEW MEXICO

Gentlemen:

Attached is a notice of application and an affidavit of publication from the Lovington Daily Leader.

If no protest has been received, it is requested that the application to dispose of salt water into a non-productive zone be approved administratively.

Yours very truly,



B. O. Holman  
Regulatory Compliance Manager

KKDefenbaugh:dt  
Enclosures

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2688  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

1. Unit Agreement Name  
North Vacuum Abo

2. Name of Lessee  
North Vacuum Abo

3. Well No.  
95

4. Field and Pool, or Widened  
Vacuum Devonian

5. Type of Well  
PLUG BACK  DEEPEN  SALT WATER DISPOSAL  MULTIPLE

6. Name of Operator  
Mobil Producing Texas & New Mexico Inc.

7. Address of Operator  
9 Greenway Plaza, Suite 2700, Houston, TX 77046

8. Location of Well  
UNIT LEASE NO. 860  
660 FEET FROM THE East LINE OF SEC. 26 T26S 17E R34E  
860 FEET FROM THE South LINE

9. Proposed Depth  
13,816'

10. Formation  
Devonian

11. Rotary or C.T.  
Rotary

12. Approx. Date Well will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

This well was originally drilled to a total depth of 13,816'. This well is presently a water injection well in the Abo formation as North Vacuum Abo #95. Permission is requested to clean out the hole, deepen within casing and dispose of salt water in the Devonian formation.

Present completion: TD 13,816', FBTD 11,825'. Abo injection perfs 8362', 60', 78-80', 86-87', 93-96', 98', 8402', 05', 06', 18-23', 26-29', 34-36', 38-42', 46' and 51' (25/ft, 72 holes)

Proposed deepening: Squeeze present Abo perfs. Drill out cut and continue to clean out hole to FBTD @ 13,400'. Perforate the Devonian zone @ 12,100-04, 12,108-12, 12,120-30, 12,162-75 and 12,184-99 (4 spf, 184 holes). Stimulate with 10,000 gal 15% H<sub>2</sub>O<sub>2</sub> acid, maximum surface pressure 5000 psi. Shut-in well 1 hour, then backflow.

Blowout Preventor Program:

Casing String  
7" 3000 working  
1500 test

No. & Type  
1 - Blind ram  
1 - Pipe ram

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

*[Signature]* R. Bond, Reg. Techn. Supervisor, Date January 2, 1985

Operator: MOBIL PRODUCING TEXAS & NEW MEXICO INC. Lease: North Vacuum Abo Unit Well No: 95

Unit Lease: Section 26 Township 17S Range 34E County Las

Actual Location of Well: 660 feet from the East line and 860 feet from the South line

Ground Level Elev. 4003' Injection-Devonian Vacuum Devonian

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communication, unitization, force-pooling, etc?

Yes  No If answer is "yes" type of consolidation Unitization

If answer is "no", list the owners, and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No well shall be assigned to this well until all interests have been consolidated (by communication, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*[Signature]* R. Bond  
Name: R. Bond  
Position: Regulatory Technician Supv.  
Company: Mobil Producing TX & NM Inc.  
Date: January 2, 1985

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: \_\_\_\_\_  
Registered Professional Engineer  
No. / Exp. License No. \_\_\_\_\_  
Certificate No. \_\_\_\_\_

VII. DATA ON PROPOSED OPERATION

Avg. Daily Rate 1400 BWP  
Max. Daily Rate 2400 BWP

Avg. Injection Pressure 600 PSI  
Max. Injection Pressure 1200 PSI

A current chemical analysis of Devonian formation water is not available (there are no Devonian wells in this area). When the well is recompleted to the Devonian and backflowed, a chemical analysis will be taken and the results sent to the Oil Conservation Division.

# Lead Followers

ire of the opportunities that are roving, they might wonder ther they need some of those nizations," Reagan concluded. n other matter, the president said s tired of complaints that first Nancy Reagan and his aides upulate him.

e said that "this picture that is g created that I sit at the desk wait to see who is going to grab arm and hold me this way and o this arm and hold me that " is false. "I'm too old and stubborn to put up

with that," he added. "I make up my mind. I listen for counsel and advice. I want to get expertise from people who are expert in various fields, but I haven't changed my views since I've been here."

He said his wife has "the influence that I think any wife has on a husband. ... She has opinions and I listen to her opinions. Sometimes we argue about them, and I don't listen."

The president also said he doesn't "think at all" about the way historians will assess his years in the White House. "I think about trying to get the job done," he added.

# Bills Introduced

erinary examiners and netologists (Finance).

SB21 (Altamirano, Lopez for Tax ly Committee) Amending the Administration Act, making ral changes in tax distributions r various special tax funds (Finance).

SB22 (Altamirano, Lopez for Tax ly Committee) Increasing the rette tax and changing its istribution (Finance).

SB23 (Altamirano, Lopez for Tax ly Committee) Establishing a credit for domestic and ehold expenses necessary for ful employment (Finance).

SB24 (Jennings, Martin, Stodard) Establishing the Rangeland Protection Act and advisory committee under the state Department of Agriculture; emergency (Conservation, Judiciary).

SB25 (D. Chavez, Carraro, others) Appropriating \$4 million from the road fund for the El Pueblo Bridge (Finance).

SB26 (Carraro, D. Chavez, Valentine) Reallocating 1983 severance tax bond issue for El Pueblo Bridge planning and construction (Conservation, Finance).

See BILLS, Page 2

# New Mexico Woman Sues the President

BUQUERQUE AP- A homeless dog and a woman who says she "doesn't want to see life on this planet wiped out" have sued President Reagan and bers of his cabinet to stop the nuclear arms race.

ances Tyson, 72, of Las Vegas, N.M., said she filed the lawsuit in an at to awaken the nation to the dangers of nuclear war. "I'm too old to get out and march so I just keep writing," Mrs. Tyson said. "I know of nothing else to do. I just want to bring to attention that we cannot go on this way."

A class-action lawsuit was filed Jan. 9 in U.S. District Court in Albuquerque.

s. Tyson's co-plaintiff is Nanki Foo, a homeless pup at the Las Vegas d. The lawsuit said the dog and woman are the plant and animal life that d be destroyed along with civilization in a nuclear war.

low Mrs. Tyson's signature on the six-page lawsuit is an ink-smudged rint showing the dog and woman. "I'm not a wild character," Mrs. Tyson said. "I'm a conservative person doesn't want to see life on this planet wiped out."

med as defendants are Reagan, Vice President George Bush, Secretary ate George Shultz, Secretary of Defense Frank Carlucci, and Ar y General designate Edwin A. Rice.

e lawsuit seeks nominal damages and asks the court to order the ncar arms be halted and that Reagan order the testing and development of n y weapons.

s. Tyson said she realizes that the lawsuit probably will not ar in the federal court system, but she said she hopes it will raise public ences of the problem.

'e cannot leave the chance of another holocaust in the hands of a few in the White House," she said. "I'm not facing this problem. My telephone call Thursday night to the White House press office went (were).

is. Tyson said she attended a conference of the Congress of International

to prevent the prevention of nuclear war.

# Affidavit of Publication

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

**Joyce Clemens** being first duly sworn on oath deposes and says that he is **Adv.. Director** of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled  
**Notice of Application**

XXXXXXXXXX X and numbered ..... XXXXXXXX in the

XXXXXXXXXX Court of Lea

XXXXXXXXXXXXXXXXXXXX County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for **one (1)**

consecutive weeks, beginning with the issue of

~~January~~ **January 18** **85**

, 19.....

and ending with the issue of

....., 19.....

And that the cost of publishing said notice is the sum of \$ **46.04**

which sum has been (Paid) (Assessed) as Court Costs

*Joyce Clemens*

Subscribed and sworn to before me this **25th**

day of **January** **85**

*Mrs. Jean Serier*

Notary Public, Lea County, New Mexico

My Commission Expires **Sept. 28**, 19**86**

RECEIVED ENVIRONMENTAL & PUBLIC AFFAIRS		
JAN 30 1985		
RJS	ADB	ENC. SEC.
JDC	LSH	RES. SERV. 1
JAM	LEB	RES. SERV. 2
WBS	WHE	CH. FILE
HFW	KKD	REC. FILE

STATE OF NEW MEXICO

COUNTY OF Lea

Before me, the undersigned authority, on this day personally  
 appeared Joyce Clemens, the Advertising Manager of the  
 (Name) (Title)  
Lovington Daily Leader, a newspaper having general  
 (Name of Newspaper)  
 circulation in Lea County, N.M. who being by me duly  
 sworn, deposes and says that the foregoing attached notice was published in  
 said newspaper on the following date(s), to wit: January 18, 1985.

Joyce Clemens

Subscribed and sworn to before me this the 25th day of  
January, 1985, to certify which witness my hand and seal of office.

Mrs. Jean Sevier  
 Notary Public in and for

JAN 30 '85 Lea County, N.M.

FIS	ADP	ENV. SEC.
JDC	LSH	REG. B. 111
JFM	FLSC	REG. B. 112
WBS	WPS	REG. B. 113
HPW	YSU	REG. B. 114

# Mobil Producing Texas & New Mexico Inc.

P.O. BOX 633  
MIDLAND, TEXAS 79702

February 27, 1985

Oil Conservation Division  
P. O. Box 2088  
State Land Office Building  
Santa Fe, New Mexico 87501  
Attn: David Catanach

RE: Authorization to Inject  
North Vacuum Abo Unit  
No. 95, Section 26,  
T175, R34E  
Lea County, New Mexico 87501

Gentlemen:

Attached is a copy of the Certified Mail Receipt received by Texaco in Hobbs, New Mexico, as requested by your office for final approval of this request.

If additional information is needed, call me at (915) 688-1771.

Sincerely,



Hector G. Guerra  
Sr. Regulatory Engineering Advisor

HGG:je  
Attachment

PS Form 3811, July 1983

**SENDER: Complete items 1, 2, 3 and 4.**

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1.  Show to whom, date and address of delivery.

2.  Restricted Delivery.

3. Article Addressed to:  
 Texaco  
 P.O. Box 728  
 Hobbs, NM 88240-0728

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	618-724

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee  
 X *Burt Miller* Received by Texaco

6. Signature - Agent  
 X *2/19/85* Confirmed with original Copy in Houston office by K. Peterbaugh

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)  
 M.A. P.O.

DOMESTIC RETURN RECEIPT

*Texaco*  
 Confirmed with original  
 Copy in Houston office  
 by K. Peterbaugh  
*[Signature]*  
 2/27/85