



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY 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".

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 2684
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

1. Indicate Type of Lease
STATE ☒ FEDERAL ☐

2. Name of Lessee
North Vacuum Abo

3. Name of Lease
North Vacuum Abo

4. Well No.
95

5. Field and Pool, or Widened
Vacuum Devonian

6. County
Las

7. Proposed Depth
13,816'

8. Formation
Devonian

9. Rotary or C.T.
Rotary

10. Approx. Date Well Will Start

11. 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', PBTD 11,825'. Abo injection perfs 8362', 68', 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 PBTD @ 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% H₂O₂ acid, maximum surface pressure 3000 psi. Shut-in well 1 hour, then backflow.

Blowout Preventor Program:

Casing String

Size & PSI

No. & Type

Production

7" 3000 working

1 - Blind ram

1500 test

1 - Pipe ram

THE ABOVE SPACE DESCRIBE PROPOSED PROGRAM OR PROGRAMS TO BE DEEPENED OR RE-DRILLED. GIVE DATA ON PROPOSED PRODUCTION TIME AND ESTIMATED NEW PROD THIS YEAR. GIVE CEMENTING PROGRAM, IF ANY.

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

Signature: *[Signature]* for *[Name]* h. Bond Tech. Regulatory Technician Supervisor Date January 2, 1985

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

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

Actual & Survey 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 "yes", list the owners, and exact 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] h. Bond
Name: Regulatory Technician Supv.
Position: Mobil Producing TX & NM Inc.
Company: January 2, 1985
Date

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 or State Land Surveyor

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.

Published in the Lovington Daily Leader
January 18 1985

Lead Followers

re of the opportunities that are proving, they might wonder whether they need some of those organizations," Reagan concluded. In other words, the president said he is tired of complaints that first lady Nancy Reagan and his aides manipulate him.

He said that "this picture that is being created that I sit at the desk and wait to see who is going to grab my arm and hold me this way and that this arm and hold me that way 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

Primary examiners and netologists (Finance).

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

SB22 (Altamirano, Lopez for Tax Committee) Increasing the nette tax and changing its distribution (Finance).

SB23 (Altamirano, Lopez for Tax Committee) Establishing a credit for domestic and household expenses necessary for full employment (Finance).

SB24 (Jennings, Martin, Stoddard) 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

ALBUQUERQUE 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 members of his cabinet to stop the nuclear arms race. Frances Tyson, 72, of Las Vegas, N.M., said she filed the lawsuit in an attempt 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'm afraid 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.

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

Along with Mrs. Tyson's signature on the six-page lawsuit is an ink-smudged print showing Nanki, a small, scruffy dog. "I am not a wild character," Mrs. Tyson wrote. "I am a conservative person who doesn't want to see life on this planet wiped out."

The lawsuit named as defendants are Reagan, Vice President George Bush, Secretary of State George Shultz, Secretary of Defense Frank Carlucci, and Army General designate Edwin Walker.

The lawsuit seeks nominal damages of \$1 and asks the court to order the nuclear arms race halted and that Reagan order the testing and development of nuclear weapons.

Tyson said she realizes that the lawsuit probably will not make a difference in the federal court system, but she said she hopes it will raise public awareness of the problem.

"I cannot leave the chance of nuclear holocaust in the hands of a few men in the White House," she said. "I am fully not facing this problem. My telephone call Thursday night to the White House press office went unanswered."

Tyson said she attended a conference of the Congress of International Women for the Prevention of Nuclear War in Washington, D.C., last week.

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 here-
inafter shown; and that said newspaper is in all things
duly qualified to publish legal notices within the mean-
ing 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

XXXXXXXXX X and numbered XXXXXXXX in the

XXXXXXXXX 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**
19

Mrs. Jean Series
Notary Public, Lea County, New Mexico

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

RECEIVED ENVIRONMENTAL & PUBLIC AFFAIRS		
JAN 30 '85		
RJS	ADB	ENC. SEC.
JDC	LSH	RES. SERV. 1
JAM	LGC	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	REC. & C.
JFM	TLSC	REL. & C.
WBS	WHS	PL. & C.
HPW	YU	PL. & C.

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

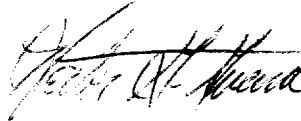
RE: Authorization to Inject
North Vacuum Abo Unit
No. 95, Section 26,
T175, R34E
Lea County, New Mexico 87501

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. <u>The return receipt fee will provide you the name of the person delivered to and the date of delivery.</u> For additional fees the following services are available. Consult postmaster for fee and check box(es) for service(s) requested.	
1. <input type="checkbox"/> Show to whom, date and address of delivery.	
2. <input type="checkbox"/> Restricted Delivery.	
3. Article Addressed to: Texaco P.O. Box 728 Hobbs, NM 88240-0728	
4. Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	Article Number 618-724
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Addressee X <i>[Signature]</i>	
6. Signature - Agent X <i>[Signature]</i> 2/14/85	
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