



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Roswell, New Mexico

cy to 27.

November 5, 1963

Texaco Inc.  
P. O. Box 3109  
Midland, Texas

Gentlemen:

Your Notice of Intention to Drill well No. 10 Leo R. Manning Federal "B" NCT-1 (copy attached) in the SE1/4 sec. 28, T. 18 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, lease New Mexico 033775, to a depth of 3,300 feet to test the Grayburg formation, has been forwarded to this office for approval.

Pursuant to authority delegated to the Regional Oil and Gas Supervisor on May 10, 1962, 27 F.R. 4814, I hereby approve the Notice of Intention to Drill described in the foregoing.

Please notify the District Engineer, Geological Survey, Drawer U, Artesia, New Mexico, in sufficient time for a representative to witness all cementing operations.

Very truly yours,

(O.I.G. SGD.) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

Attachment

Copy to: Washington  
Mining Branch (2)  
NMDC-~~Artesia~~ (2) (w/2 cys Notice) ✓  
Artesia  
Roswell (2)

JAKnauf:hb 10/31/63

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NOV 6 1963

O. C. O.  
ARTESIA OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Washington, D.C.



Washington, D.C.

Washington, D.C.

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The following information was obtained from the files of the Geological Survey during the period from 1900 to 1905. It is published for the information of the public and is not to be construed as an official statement of the Survey.

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(This information is for the use of the public only)

WASHINGTON, D.C.  
Geological Survey

Washington, D.C.

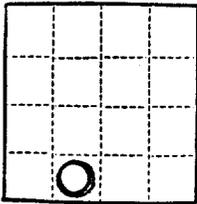
Geological Survey  
Washington, D.C.  
1905

Washington, D.C.

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NOV 8 1898

U.S. GEOLOGICAL SURVEY



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office .....  
Lease No. NM-033775  
Unit .....

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<input type="checkbox"/>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Lease No. 163971  
Leo R. Manning Federal "B" NCT-1 ..... October 29 ....., 1963

Well No. 10 is located 660 ft. from [N] line and 2310 ft. from [E] line of sec. 28

SE/4 of the SW/4 Sec 28, T-18-S, R-30-E ..... NMPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

North Benson (Queen) ..... Eddy ..... RECEIVED  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3468 ft. **NOV 4 1963**

DETAILS OF WORK U. S. GEOLOGICAL SURVEY  
**ROSWELL, NEW MEXICO**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

SEE ATTACHED SHEET

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ARTESIA, OFFICE

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OCT 31 1963  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc. ..... TEXACO Inc.

Address P. O. Box 3109  
Midland, Texas

By [Signature]  
J. Ve. ten  
Title Division Civil Engineer

CASING PROGRAM

We propose to use the following; strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
9- 5/8"	7"	14#	New	480'	450*
6 1/4"	4 1/2"	9.5#	New	3300'	350**

\* 350 sks. Class "C" with 4% gel followed by 100 sks. "C" Neat.

\*\* Class "C" Neat with 10% salt by weight of mixing water.

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FORMATION TOPS EXPECTED

Anhydrite 350'  
Top of Salt 555'  
Yates 1570'  
Queen 2740'  
Total Depth 3300'

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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128  
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

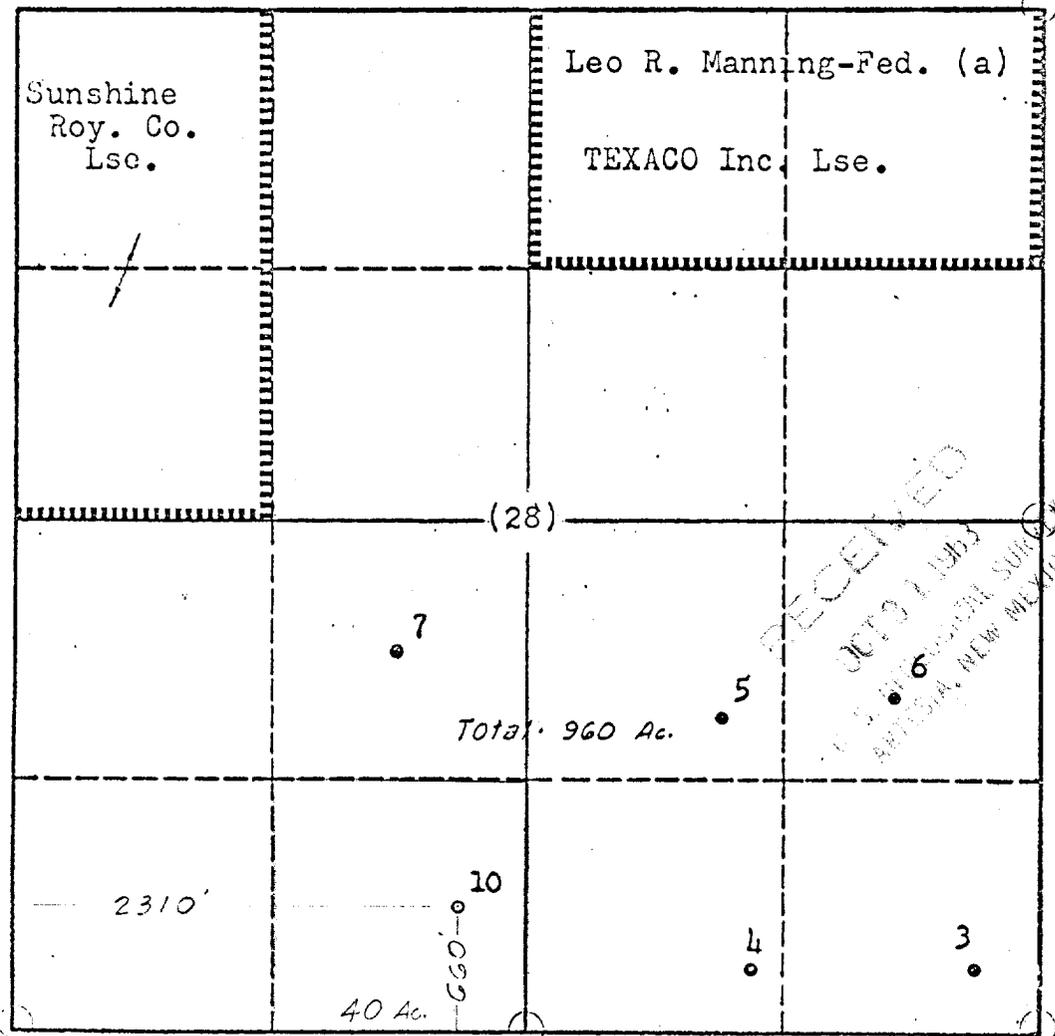
Operator <b>TEXACO Inc.</b>		Lease <b>Leo R. Manning-Federal "B" NCT-1</b>		Well No. <b>10</b>
Unit Letter <b>N</b>	Section <b>28</b>	Township <b>18 South</b>	Range <b>30 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>2310</b> feet from the <b>West</b> line Sec. 28				
Ground Level Elev. <b>3457</b>	Producing Formation <b>Queen</b>	Pool <b>North Benson Queen-Grayburg</b>	Dedicated Acreage: <b>40</b> Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES  NO \_\_\_\_ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_ NO \_\_\_\_ . If answer is "yes," Type of Consolidation \_\_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

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ARTESIAN OFFICE

SECTION B



CERTIFICATION

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

Name J. J. Velten  
 Position Division Civil Engineer  
 Company TEXACO Inc.  
 Date 10/28/63

Markers

I hereby certify that the well location shown on the plat in SECTION B 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 10/26/63  
 Registered Professional Engineer and/or Land Surveyor J. J. Velten  
 Certificate No. 8174

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