



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Drawer 1857
Roswell, New Mexico

cys 27.

November 5, 1963

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

Gentlemen:

Your Notice of Intention to Drill well No. 12 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,

(ORIG. SGD.) JOHN A. ANDERSON
JOHN A. ANDERSON
Regional Oil and Gas Supervisor

Attachment

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

JAKnauf:hb 11/1/63

RECEIVED
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O. C. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



TO THE DIRECTOR, GEOLOGICAL SURVEY,
WASHINGTON, D. C.

FROM THE CHIEF OF THE DISTRICT OF COLUMBIA,
WASHINGTON, D. C.

SUBJECT: [Illegible]

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[Illegible]

NOV 10 1903
[Illegible]

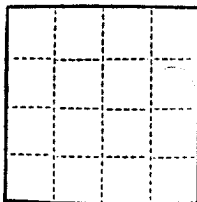
(SUBMIT IN TRIPLICATE)

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.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Lease No. 163971

Leo R. Manning Federal "B" NCT-1..... October 30....., 19 63

Well No. 12 is located 2310 ft. from ~~X~~^[N]_[S] line and 660 ft. from ~~X~~^[E]_[W] line of sec. 28

SE/4 NE/4 Sec 28 T-18-S R-30-E NMPM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
 North Benson-Queen-- Eddy New Mexico
 (Field) (County or Subdivision) (State or Territory)
 Graybury

The elevation of the derrick floor above sea level is 3482 ft.

DETAILS OF WORK

(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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U. S. G. S.
ARTESIAN DIVISIONRECEIVED
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U. S. GEOLOGICAL SURVEY
ARTESIAN DIVISION

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

J. J. Velten

Title Division Civil Engineer

NOV 5 1963

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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"	14.0	New	450	500*
6 1/4"	4 1/2"	9.5	New	3300	**

** Install scratchers & centralizers over prospective pays & externally clean casing same intervals. Cement with 350 sks. Class "C" neat containing 10% salt by weight of mixing water. Use fresh water. Should cover to base of salt.

* 400 sks. Class "C" 4% gel followed by 100 sks. Class "C" neat

FORMATION TOPS EXPECTED

Anhydrite	420'
Top of Salt	630'
Base of Salt	1380'
Yates	1570'
Queen	2750'
Total Depth	3300'

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U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

NOV 7 1963

ART. 31A. OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-122
 Revised 5/1/57

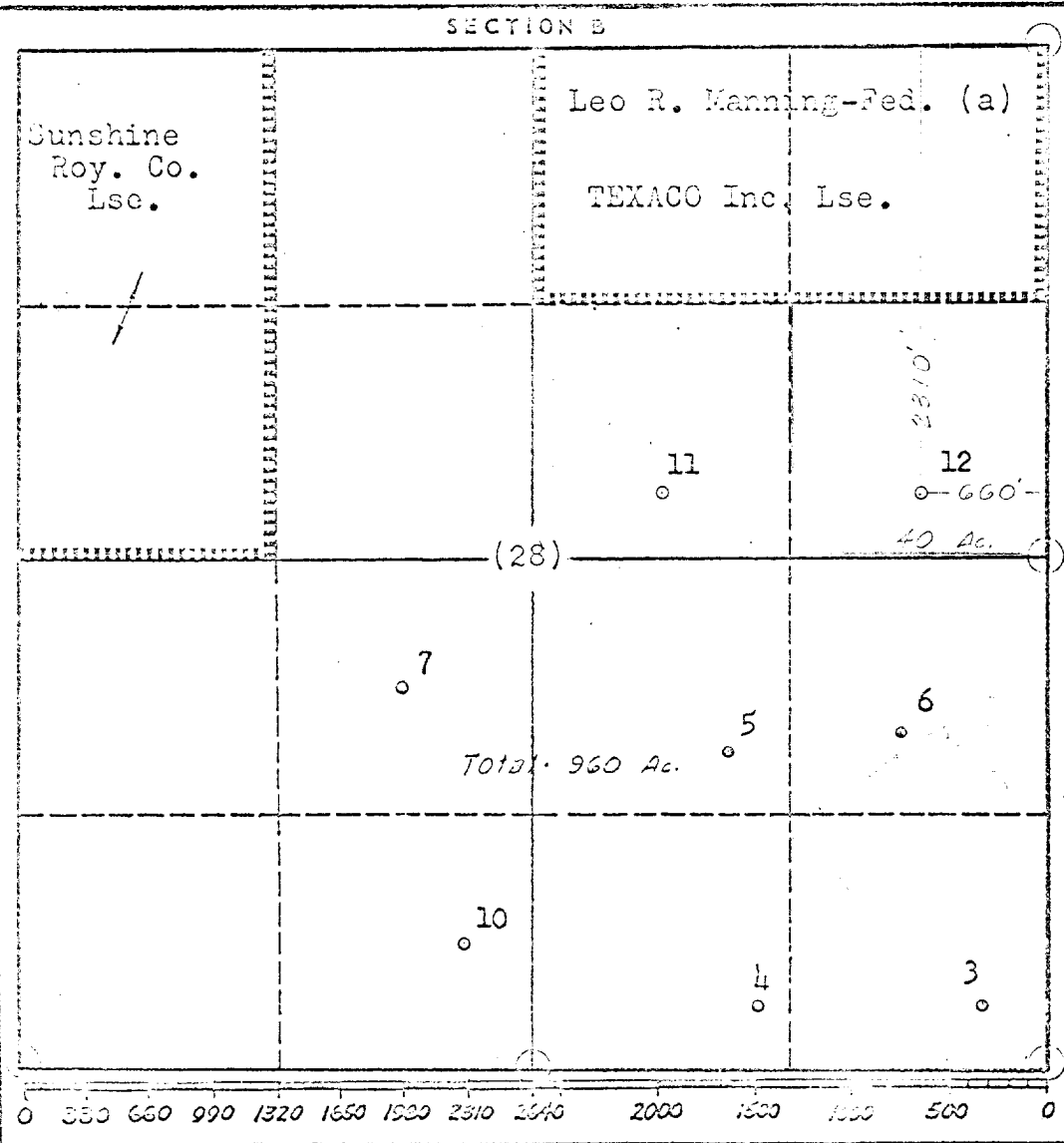
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

Operator TEXACO Inc.				Lease Leo R. Manning-Federal #B#HOT-1		Well No. 12
Unit Letter H	Section 28	Township 18 South	Range 30 East	County Eddy		
Actual Footage Location of Well: 2310 feet from the North line and 660 feet from the East line Sec. 28						
Ground Level Elev. 3471	Producing Formation Queen		Pool <i>and</i> North Benson Queen-Grayburg		Dedicated Acreage: 40 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X 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 (c) 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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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 10/29/63
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I hereby certify that the 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 10/29/63
 Registered Professional Engineer and/or Land Surveyor J. J. Velten
 Certificate No. 8174