



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Drawer 1857
Roswell, New Mexico

IN REPLY REFER TO:

copy to 37

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DEC 23 1963

O. C. C.
ARTESIA, OFFICE

December 19, 1963

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

Gentlemen:

Your Notice of Intention to Drill well No. 15 Leo R. Manning Federal "B" NCT-1 (copy attached) in the NE1/4 sec. 28, T. 18 S., R. 30 E., N.M.F.M., Eddy County, New Mexico, lease New Mexico 033775, to a depth of 3,350 feet to test the Queen-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,

(GEO. SURV.) J. A. ANDERSON

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

Attachment

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

JAKnauf:hb 12/16/63



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WASHINGTON, D. C.
20508

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UNITED STATES
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONEMULTIPLE
ZONE

2. NAME OF OPERATOR

TEXACO Inc.

3. ADDRESS OF OPERATOR

P. O. Box 3109, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

660' FNL & 1980' FNL Section 28

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 1/2 miles South of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

659.5'

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

3350'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 3440

22. APPROX. DATE WORK WILL START*

At once

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	14.0#	525'	*300 sacks
6-3/4"	4 1/2"	9.5#	3350'	**350 sacks

*300 sacks Regular Neat.

** Externally clean casing, install scratchers and centralizers over all pays. Cement with 350 sacks Class "C" Neat containing 10% salt water by weight of mixing water. Use fresh water. Cement to reach base of Salt.

TOPS EXPECTED

Anhydrite	310'
Top of Salt	470'
Base of Salt	1340'
Yates	1520'
Queen	2675'
Total Depth	3350'

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DEC 19 1963
U. S. GEOLOGICAL SURVEY
ROSEMONT, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depth to bottom of hole, and preventer program, if any.

24.

SIGNED

J. J. Velten

TITLE

Division Civil Engineer

DATE

12/11/63

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

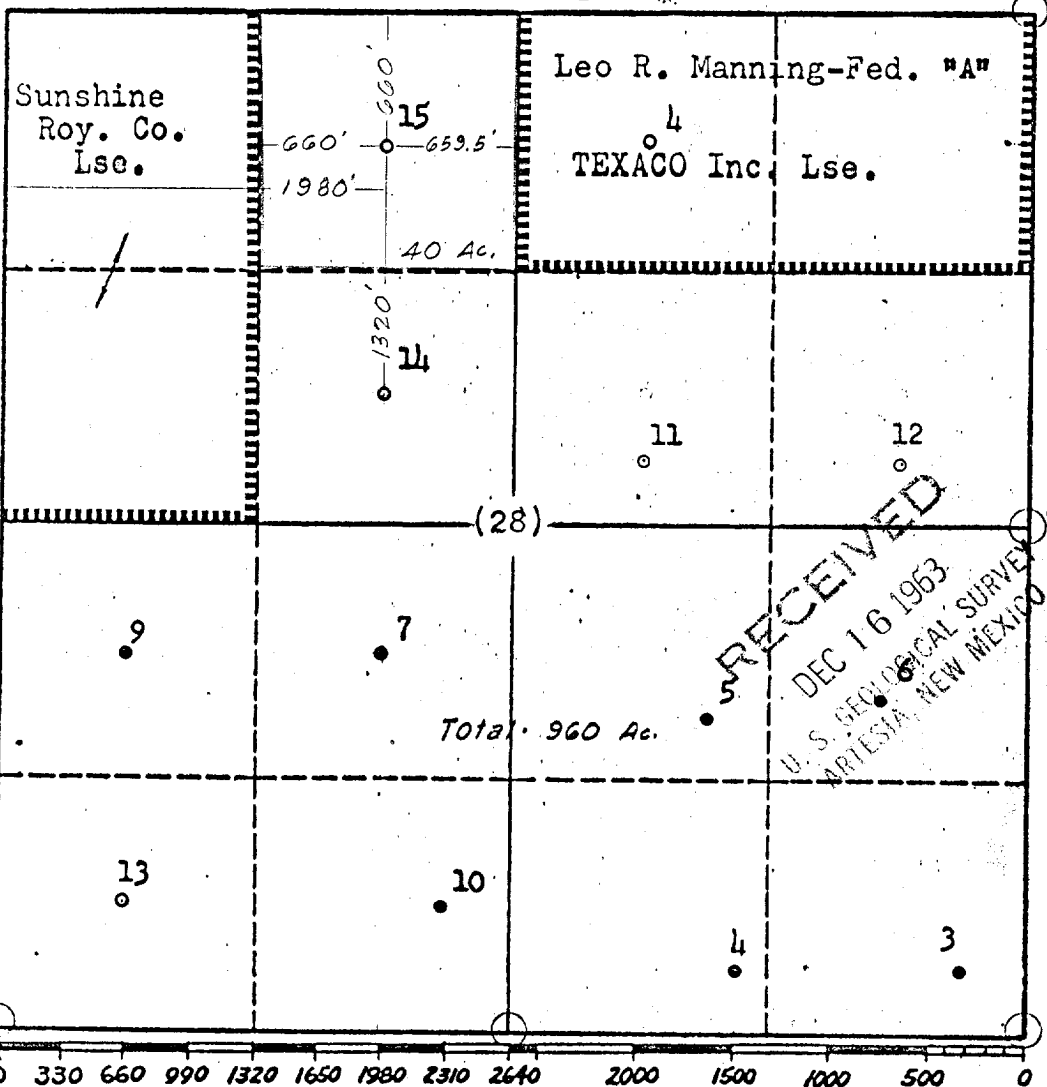
Operator TEXACO Inc.		Lease Leo R. Manning-Federal "B" NCT-1		Well No. 15
Unit Letter C	Section 28	Township 18 South	Range 30 East	County Eddy
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line Sec. 28				
Ground Level Elev. 3440 -	Producing Formation Queen	Pool 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. (63-3-29 (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:

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Owner	Land Description
	DEC 23 1963

SECTION B



ARTESIA, OFFICE
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	12/12/63

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	12/8/63
Registered Professional Engineer and/or Land Surveyor	J. J. Velten
Certificate No.	8174