



IN REPLY REFER TO:

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

Copy to 57

March 16, 1964

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

Gentlemen:

Your Notice of Intention to Drill well No. 16 Lee Manning "B" NCT-1 (copy attached) in the SW 1/4 sec. 27, T. 18 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, lease New Mexico Q33775, to a depth of 3,400 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.

Sincerely yours,

(ORIGINAL FILED IN 100-10111-100)

JOHN A. ANDERSON
Regional Oil & Gas Supervisor

Attachment

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

BAK:nsf:m 3/13/64

RECEIVED
MAR 18 1964
O. G. S.
ARTESIA OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



WASHINGTON, D. C.
JAN 10 1894

DEAR SIR:

Your letter of the 1st inst. has been received and the
matter is being considered. The report of the
Commissioner of the General Land Office, dated
the 1st inst., is being reviewed.

The report of the Commissioner of the General Land
Office, dated the 1st inst., is being reviewed.

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Office, dated the 1st inst., is being reviewed.

Very truly,
Yours,
G. W. C.

Very truly,
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MAR 18 1894

ARTERIAL DEPT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 ZONE ☒ MULTIPLE 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
2310' FWL and 560' FWL, Section 27
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
6.5 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)
1137'

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.
1220'

19. PROPOSED DEPTH
3400'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR 3508'

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
10-3/4"	7-5/8"	15.28#	500'	*
6-3/4"	4-1/2"	9.5#	3400'	**

*350 sacks Class "C" 4% gel, followed by 150 sacks Class "C" Neat with accelerator.

**350 sacks Class "C" Neat containing 10% salt by weight of cement. This cement volume should fill to base of salt. Externally clean casing and install centralizers and scratchers 2500-TB.

FORMATION TOPS EXPECTED

Anhydrite 395'
 Top of Salt 550'
 Base of Salt 1445'
 Yates 1630'
 Queen 2792'
 Total Depth 3400'

NOTE:

This form supersedes and amends Application for Permit to Drill dated **2/20/64**

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 depths. Give blowout preventer program, if any.

24. SIGNED J. J. Velten
 (This space for Federal or State office use)

TITLE **Division Civil Engineer** DATE **3/10/64**

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
MM-033775

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 * * *

7. UNIT AGREEMENT NAME
 * * *

8. NAME OF OPERATOR
Loe R. Spaulding Federal

9. WELL NO.
16

10. FIELD AND FOOT OR ALLIANCE
North Benson Queen-Grayburg Under

11. SEC., T., R., M., OR BEK. AND SURVEY OF AREA
Sec. 27, T-18-S, R-30-E

12. COUNTY OR PARISH 13. STATE
Eddy New Mexico

RECEIVED
 MAR 18 1964
 O. C. C.
 ARTESIA, OFFICE

RECEIVED
 MAR 12 1964
 U. S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

RECEIVED
 MAR 16 1964

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 AREA DEDICATION PLAT

FORM C-123
Revised 5/1/57

NOTES FOR COMPLETING THIS PLAT ARE ON THE REVERSE SIDE

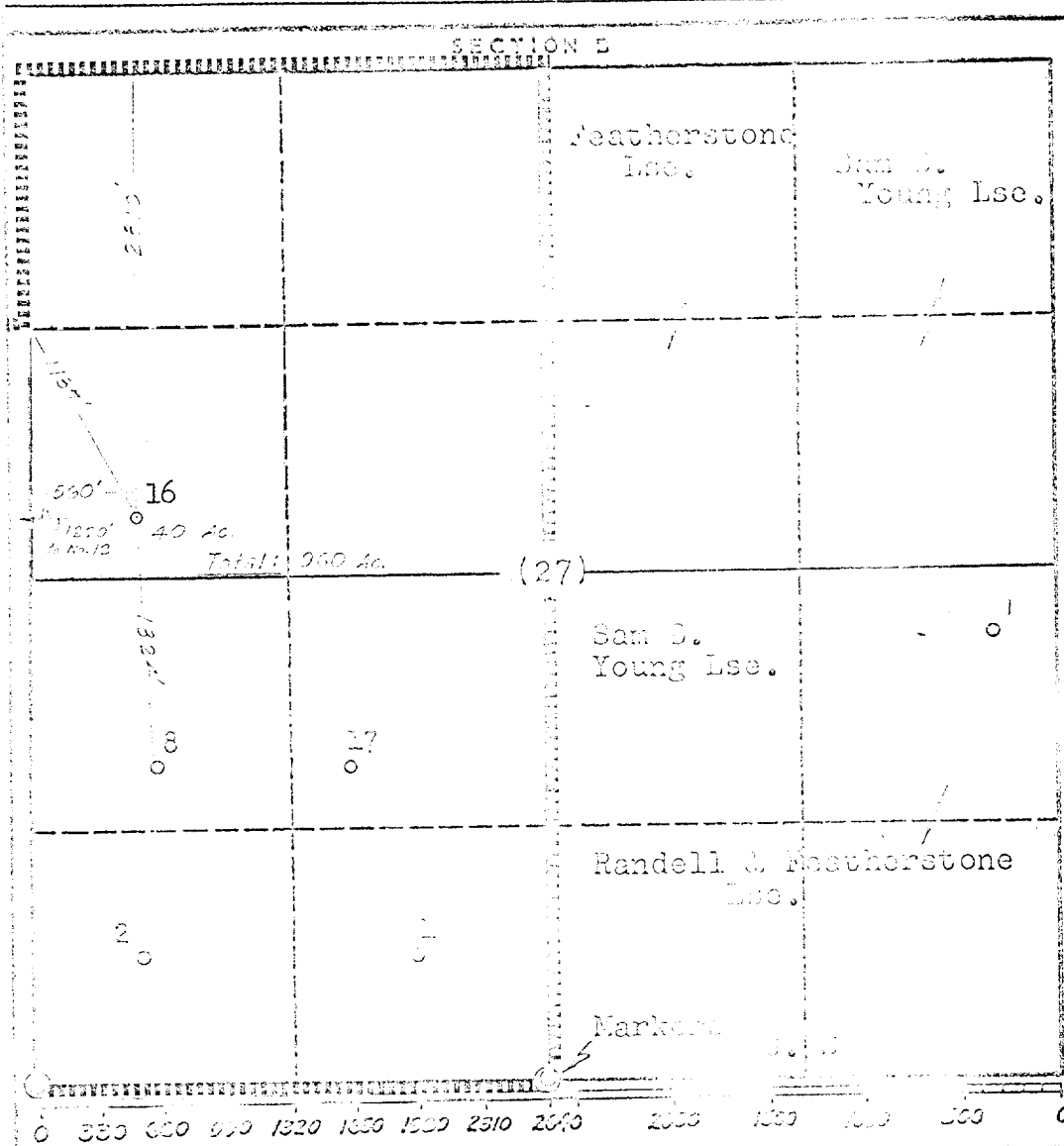
SECTION A

Operator TEXACO Inc.		Well No. 16	
Well Identifier E	Section 27	Township 18 South	County Eddy
Actual Well Location of Well: 2310 feet from the North line and 560 feet from the West line Sec. 27		Dedicated Acreage: 40 Acres	
Ground Level Elev. 3508	Producing Formation Queen	Pool under North 2 1/4 Sec. 27 - Grayburg	

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

RECEIVED
MAR 18 1964
CERTIFICATE OF
ARTESIAN OFFICE



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 3/9/64

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 3/6/64
Registered Professional Engineer and/or Land Surveyor J. J. Velten
Certificate No. 8174