

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

Anadarko Production Company

## 3. ADDRESS OF OPERATOR

Box 116 Loco Hills, New Mexico 88255

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

At surface

330' FNL &amp; 660' FEL Sec. 31, T 16 S, R 31 E,

At proposed prod. zone Eddy County, New Mexico  
Same

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

6 Miles NE Loco Hills, New Mexico

## 15. DISTANCE FROM PROPOSED\*

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

330'

## 16. NO. OF ACRES IN LEASE

560

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.

330'

## 19. PROPOSED DEPTH

3350'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3845 GL

## 22. APPROX. DATE WORK WILL START\*

21 November 1968

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	8 5/8"	24	450	150
7 7/8"	4 1/2"	10.5	3350	300

Intend to drill with rotary tools to approx. 450', set and cement 8 5/8" casing, wait 18 hours on cement and test to 1000#, drill to approx. 3350', run open hole logs, set and cement 4 1/2" casing at TD, perforate Premier and Lovington zones, fracture treat, equip well and put on pump.

RECEIVED

NOV 15 1968

O. C. C.  
ARTESIA, OFFICE

RECEIVED

NOV 12 1968

U. S. GEOLOGICAL SURVEY  
ARTESIA, 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 depths. Give blowout preventer program, if any.

## 24.

SIGNED

D. R. Layton

TITLE

District Superintendent, DATE 8 November 1968

PERMIT NO.

APPROVAL DATE

NOV 12 1968

APPROVED BY

DISTRICT ENGINEER

DATE

NOV 12 1968

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

## 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.

**MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-4-65

All distances must be from the outer boundaries of the Section

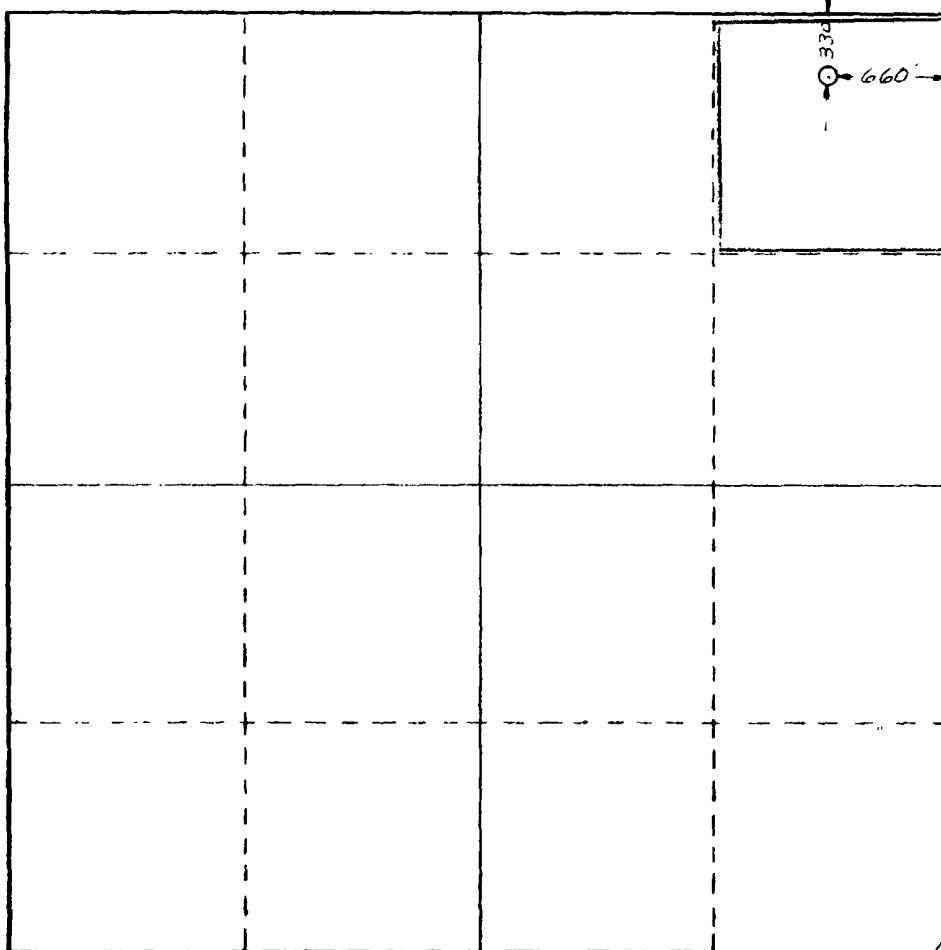
Operator <b>ANADARKO PRODUCTION CO.</b>			Lease <b>ARTES</b>		Well No. <b>17</b>
Unit Letter <b>"4"</b>	Section <b>31</b>	Township <b>16 South</b>	Range <b>31 East</b>	County <b>Edgar</b>	
Actual Footage Location of Well: <b>330</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3845</b>	Producing Formation <b>Grayburg-San Andres</b>		Pool <b>Square Lake</b>	Dedicated Acreage: <b>40</b> Acres	

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 communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

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

Name

**D. R. Layton**

Position

**District Superintendent**

Company

**Anadarko Production Co.**

Date

**8 November 1968**

I hereby certify that the location shown on this plat was plotted from field notes of **1968** surveys by me under my supervision and that the same is true and correct to the best of my knowledge and belief.

**RECEIVED**  
**NOV 12 1968**  
**U. S. GEOLOGICAL SURVEY**  
**ARTESIA, NEW MEXICO**

Date Surveyed

**November 1, 1968**

Registered Professional Engineer,  
 and/or Land Surveyor

Certificate No.

**1556**