

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  
**P. O. Box 67, Loco Hills, New Mexico 88255**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
**1980' FSL and 660' FSL of Section 9,  
T. 17S, R. 30-E, Eddy County, New Mexico**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**2 miles northeast of Loco Hills, New Mexico**

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
**660'**

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.  
**120'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3688 GL**

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12 1/4"      | 8 5/8"         | 24              | 400           | 150 sz.            |
| 7 7/8"       | 5 1/2"         | 14              | 2950          | 300 sz.            |

Intend to drill to approximately 400', set and cement 8 5/8" surface casing, set cement set 18 hours, test casing and drill ahead to approximately 2950'. Run open hole logs, set and cement 5 1/2" casing to TD, set cement set 72 hours, run tie-in log, perforate Grayburg Sand(s), stimulate and attempt completion as a producing well.

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MAR 30 1972  
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. Original signed by:  
SIGNED **D. R. Layton** TITLE **District Superintendent** DATE **March 27, 1972**

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

MAR 30 1972

R. L. BEEKMAN

ACTING DISTRICT ENGINEER

THIS APPROVAL IS RECOMMENDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES  
MAR 30 1972

APPROVAL DATE

DATE

\*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 COMMISS**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

All distances must be from the outer boundaries of the Section.

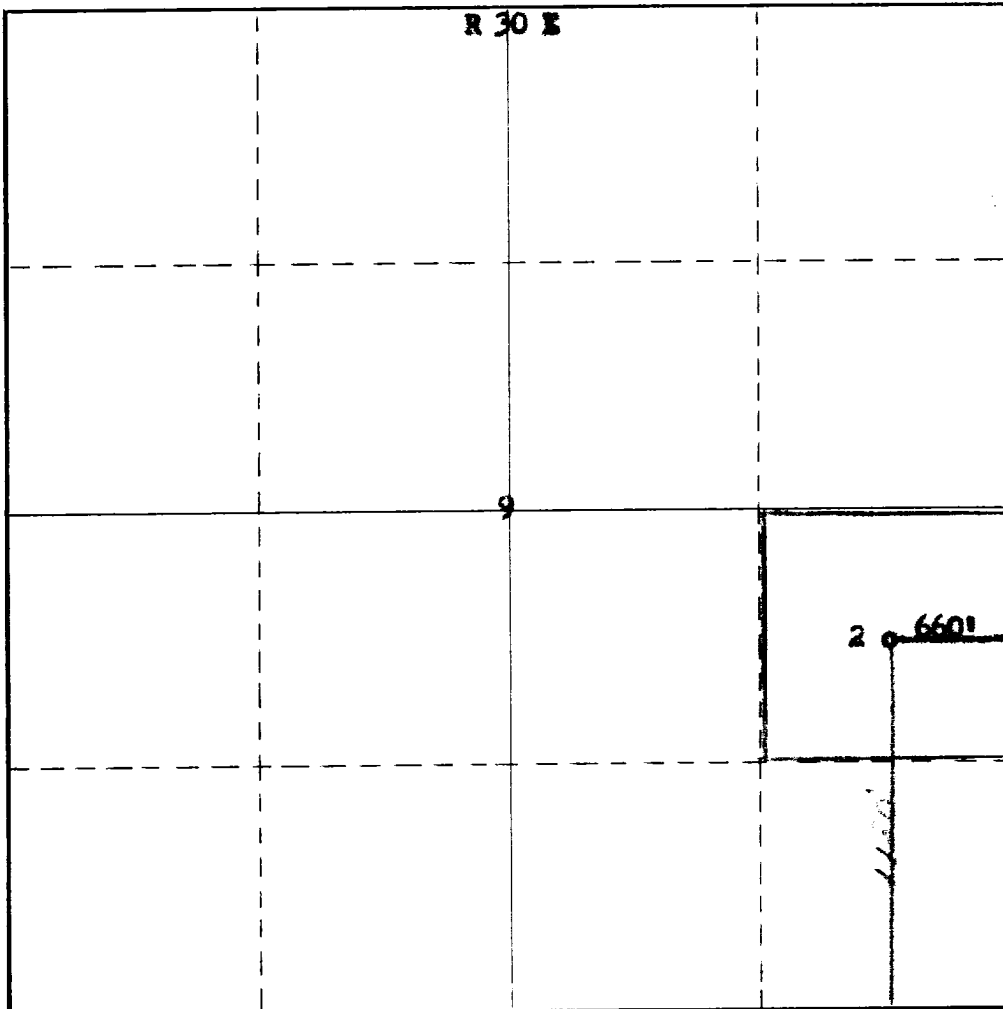
|                                                                                                                               |                                        |                                               |                                                      |                                       |                        |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------|------------------------------------------------------|---------------------------------------|------------------------|
| Operator<br><b>ANADARKO PRODUCTION COMPANY</b>                                                                                |                                        |                                               | Lease<br><i>Lois Hills</i><br><b>"B" FEDERAL "B"</b> |                                       | Well No.<br><b>2-5</b> |
| Unit Letter<br><b>I</b>                                                                                                       | Section<br><b>9</b>                    | Township<br><b>17 South</b>                   | Range<br><b>30 East</b>                              | County<br><b>Eddy</b>                 |                        |
| Actual Footage Location of Well:<br><b>1980</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line |                                        |                                               |                                                      |                                       |                        |
| Ground Level Elev.<br><b>3688</b>                                                                                             | Producing Formation<br><b>Grayburg</b> | Pool<br><b>and</b><br><b>Grayburg-Jackson</b> |                                                      | Dedicated Acreage:<br><b>40</b> Acres |                        |

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.



|                                                                                                                                                                                                                                                                                                                       |                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>RECEIVED</b><br><b>MAR 30 1972</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br><b>ANTHONY NEW MEXICO</b>                                                                                                                             |                                   |
| Name<br><i>Roko Lujan</i>                                                                                                                                                                                                                                                                                             | Position<br><b>District Supt.</b> |
| Company<br><b>Anadarko Production Co.</b>                                                                                                                                                                                                                                                                             |                                   |
| Date                                                                                                                                                                                                                                                                                                                  |                                   |
| I hereby certify that the well 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.<br><b>REGISTERED LAND SURVEYOR</b><br><b>STATE OF NEW MEXICO</b><br><b>JAMES H. BROWN</b> |                                   |
| Date Surveyed<br><b>March 24th, 1972</b>                                                                                                                                                                                                                                                                              |                                   |
| Registered Professional Engineer and/or Land Surveyor<br><i>James H. Brown</i>                                                                                                                                                                                                                                        |                                   |
| Certificate No. <b>542</b>                                                                                                                                                                                                                                                                                            |                                   |

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