

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 **2140' FWL and 620' FWL of Section 10,**
T. 17-S, R-30-E, Eddy County, New Mexico
 At proposed prod. zone

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

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **500**

16. NO. OF ACRES IN LEASE **320**

17. NO. OF ACRES ASSIGNED TO THIS WELL **10**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **1320**

19. PROPOSED DEPTH **2950**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **3715 GL**

22. APPROX. DATE WORK WILL START* **May 31, 1972**

5. LEASE DESIGNATION AND SERIAL NO. **10-020000 (11)**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME **Loco Hills Federal R**

9. WELL NO. **5**

10. FIELD AND POOL **Square Lake**

11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA **Sec. 10, T-17-S, R-30-E**

12. COUNTY OR PARISH **Eddy**

13. STATE **New Mexico**

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 sacks
7 7/8"	5 1/2"	14#	2950	450 sacks

AMENDED APPLICATION

Intend to drill to approximately 400', set and cement 8 5/8" surface casing, let 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, let cement set 72 hours, run Tie-in log, perforate Grayburg Sand (s), stimulate and attempt completion as a producing well.

Note: Amended application to reflect moving location 160' south of original location to clear existing high pressure pipeline right of way.

RECEIVED MAY 31 1972

U. S. GEOLOGICAL SURVEY
JUN 5 1972 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 **D. R. Layton** ARTESIA, OFFICE
 SIGNED **D. R. Layton** TITLE **District Superintendent** DATE **5-26-72**

(This space for Federal or State office use)

PERMIT NO. **5-26-72** APPROVAL DATE **MAR 30 1972**
 APPROVED BY **James A. Brault** DISTRICT ENGINEER
 CONDITIONS OF APPROVAL, IF ANY: DATE **MAY 31 1972**

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 2: 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-102
Supersedes C-128
Effective 1-1-65

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

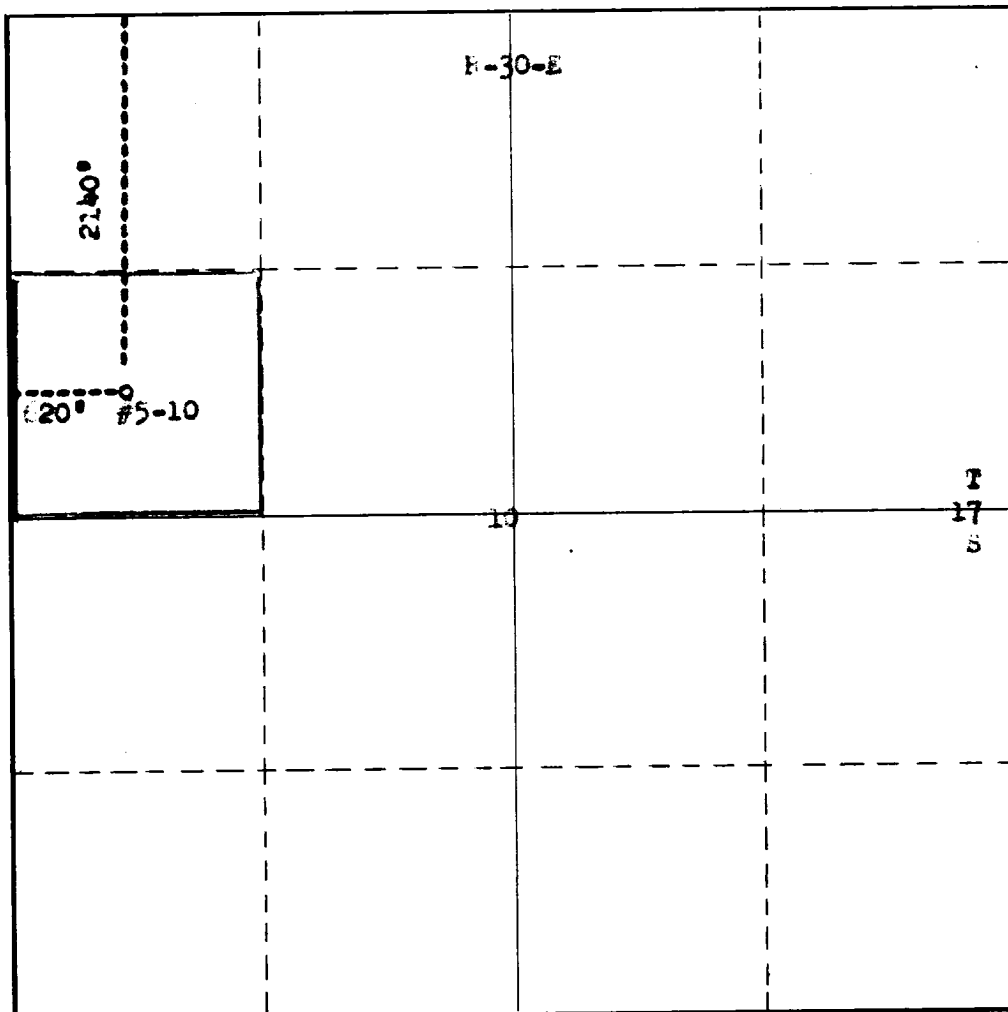
Operator ANADARKO PRODUCTION COMPANY			Lease FEDERAL "F"		Well No. 5
Unit Letter E	Section 10	Township 17-N	Range 30-E	County Hddy	
Actual Footage Location of Well: 2140 feet from the NORTH line and 620 feet from the WEST line					
Ground Level Elev. 3715	Producing Formation GRAYBURG		Pool SQUAKE LAKE		Dedicated Acreage: 40 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?

☒ ~~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.

Original signed by

Name **D. R. Layton**

Position **District Superintendent**

Company **Anadarko Production Co.**

Date **27 May 1972**

I hereby certify that the well location shown on this plat was plotted from field notes or actual surveys made by me or under my supervision and that the same is true to the best of my knowledge.

MAY 26 1972

Date Surveyed _____
Registered Professional Engineer
and/or Land Surveyor

3280

Certificate No.

