

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U. S. M. OIL & GAS
P. O. BOX 1610
MIDLAND, NEW MEXICO 79702

SUBMIT IN TRIPlicate*
(Other instructions on
reverse side)

30-025-31041
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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
ARCO Oil and Gas Company, a Division of Atlantic Richfield Co.

3. ADDRESS OF OPERATOR
P.O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report clearly and in accordance with any State requirements.)
At surface **1650' FSL & 660' FWL**
At proposed Prod. zone **Approximately the same**

5. LEASE DESIGNATION AND SERIAL NO.
90 NM-9017

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tyke Federal

9. WELL NO.
#1

10. FIELD AND POOL, OR WILDCAT
Wildcat young stream

11. SEC., T., M., OR BLK. AND SURVEY OR AREA
Sec 17, T18S-R32E

12. COUNTY
Lea

13. STATE
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
8 miles South of Maljamar New Mexico

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

16. NO. OF ACRES IN LEASE
160.

17. NO. OF ACRES ASSIGNED TO THIS WELL
160.

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **None**

19. PROPOSED DEPTH
11800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether GR or KB)
3745.4' GL

22. APPROX. DATE WORK WILL START
Spud 11/5/90

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT ft ³
17-1/2"	13-3/8"	48#, H-40, STC	750'	900 cuft CIRCULATE
11"	8-5/8"	24/28#, K&S	4500'	1800 cuft CIRCULATE
7-7/8"	5-1/2"	17#, K&L, LTC	11800'	2000 cuft

Pursuant to the "Onshore Oil and Gas Order #1" attachments are as follows:

1. Certified Location Plat
2. Drilling Plan with attachments
3. Surface Use Plan with attachments
4. Letter from Yates Petroleum and Lea County Electric relating to power line movement

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 *Ken W. Gosnell* TITLE *Regulatory Coordinator* DATE *9-28-90*
(This space for Federal or State Use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE *10-15-90*

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.