

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  
 Atlantic Richfield Company

3. ADDRESS OF OPERATOR  
 P. O. Box 1710, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 1980' FNL & 1980' FEL (Unit letter G)  
 At proposed prod. zone  
 Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 9 miles South of Maljamar, New Mexico

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 13,500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3773.2 GR

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 9019

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Young Federal

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat-Morrow Gas

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 20-T18S-32E

12. COUNTY OR PARISH  
 Lea

13. STATE  
 N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" OD	48# H-40 ST&C	750'	Circulated
12-1/4"	8-5/8" OD	24&32# K55 ST&C	4550'	Circulated
7-7/8"	5-1/2" OD	17&20# K55 N-80 LT&C & ST&C	13500'	1000 sx

Attached is a proposed mud program from IMCO that we propose to use.

DRILLING MUST BE IN COMPLIANCE WITH THE ATTACHED "DRILLING WELL CONTROL REQUIREMENTS" DATED 6-22-73

4-2-75

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 Arthur R. Brown TITLE Dist. Drlg. Supv. DATE 12/5/74  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED AS AMENDED  
 JAN 2 1975  
 ARTHUR R. BROWN  
 DISTRICT ENGINEER

OIL CONSERVATION COMM.  
HOBBS, N. M.

JAN 7 1975

RECEIVED