

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*

Other instructions on
reverse side

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

LEASE DESIGNATION AND SERIAL NO.

NM 0546

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Maddox WN Federal

9. WELL NO.

#1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota - Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 13-T30N-R13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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 Company

3. ADDRESS OF OPERATOR

P. O. Box 5540, Denver, Colorado 80217

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

At surface

1190' FSL & 790' FEL, Section 13-T30N-R13W

At proposed prod. zone

Approximately the same

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

Farmington, New Mexico 3 miles north

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

790'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

E 320 acres

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

2100'

19. PROPOSED DEPTH

6770'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) DRILLING OPERATIONS AUTHORIZED ARE
5884' GL SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

When app'd app'l rec'd

23. "GENERAL REQUIREMENTS" PROPOSED DRILLING AND CEMENTING PROGRAMS

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	500'	Cmt to surf w/400 ft ³ cmt
7-7/8"	5-1/2"	15.50# & 17#	T.D.	Cmt to surf in two stages: 1st stage: TD - 4600' Cmt w/550 ft ³ cmt. 2nd stage: 4600' - surf Cmt to surf w/1000 ft ³ cmt

Propose to drill to a depth sufficient to fully evaluate this well within the Dakota formation. Attachments are as follows:

1. Certified Location Plat
2. Drilling Plan with attachments.
3. Surface Use Plan with attachments.

RECEIVED

DEC 02 1985

For any questions regarding this permit, please contact Suzanne Barnes with ARCO's Drilling Engineering Group at (303) 293-1077.

OIL CON. DIV.
DIST. 3

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

J. McCarthy

TITLE Operations Manager

DATE

12/1/85

(This space for Federal or State office use)

APPROVED

AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

NOV 27 1985
(SGD.) MAT MILLENBACH

M. MILLENBACH
AREA MANAGER

NMOCC

*See Instructions On Reverse Side