

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 0546

IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Maddox WN FED.

9. WELL NO.

3E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota - Dakota

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

Section 24-T30N-R13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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 & 1190' FEL, Section 24-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

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

1190'

16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 acres

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

2100'

19. PROPOSED DEPTH
6795'

20. ROTARY OR CABLE TOOLS
Rotary

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

5822' GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

When app'd app'l rec'd

23. PROPOSED CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#	500'
7-7/8"	5-1/2"	15.50#	T.D.

Cmt to surf w/400 ft³ cmt
Cmt to surf in two stages:
1st stage: TD - 4600'
Cmt w/550 ft³ cmt.
2nd stage: 4600' - surf
Cmt to surf w/1000 ft³ 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.

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

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

[Signature]

TITLE

Operations Manager

APPROVED

AS AMENDED

PERMIT NO.

APPROVAL DATE

NOV 27 1985

(SGD.) MAT MILLENBACH

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side