

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OCT 17 1985
STAMP IN TRIPLICATE
(Other instructions on reverse side)

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 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 970' FSL and 990' FWL, Section 22-25N-3W

At proposed prod. zone
Approximately the same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
Approximately 7.0 miles northwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)
970'

16. NO. OF ACRES IN LEASE
880

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.
530' from EPNG Hill #2 (PC)

19. PROPOSED DEPTH
8235'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7357 7335' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

22. APPROX. DATE WORK WILL START
November 10, 1985

| PROPOSED PROGRAM | | | | This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4. Approx. 320 cf. ont to surf Approx. 2200 cf. ont to 200' above Ojo |
|------------------|----------------|-----------------|---------------|--|
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | |
| 12-1/4" | 9-5/8" | 36# | 500' | |
| 8-3/4" | 5-1/2" | 17# | 8235' | |

ARCO Oil and Gas Company proposes to drill a 8235' test and dually complete in the Gallup and Dakota Formations as described in the attached plans.

Enclosed are the Drilling Plan with Exhibits "A" and "AA", and the Surface Use Plan with Exhibits "B", "C", "D", "E", and "F".

Please contact Dan Lowe, Drilling Engineer at (303) 293-7116 if additional information is required to obtain approval of this permit.

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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 well preventer program, if any.

24. SIGNED J. B. Morse TITLE Operations Manager
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Exhibit B
Location as Staked
ARCO Hill #2
Rio Arriba County, New Mexico

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

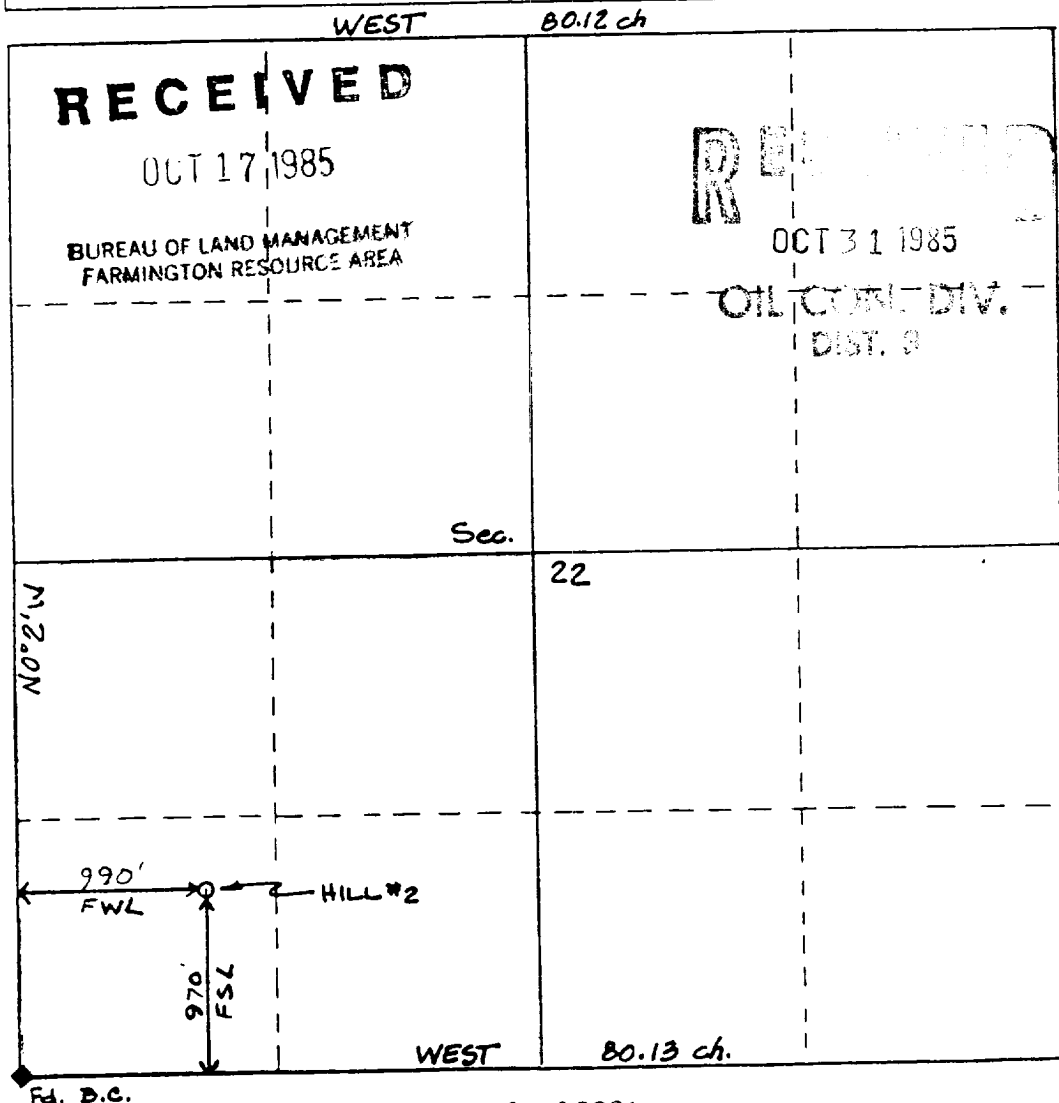
| | | | | |
|--|---|--|--|-----------------------------|
| Operator ARCO OIL & GAS CO. | | Lease ARCO HILL | | Well No. 2 |
| Unit Letter M | Section 22 | Township 25 North | Range 3 West | County Rio Arriba |
| Actual Footage Location of Well: | | | | |
| 970 feet from the South line and | | 990 feet from the West line | | |
| Ground Level Elev: 7357 | Producing Formation Gallup/Dakota | Pool W. Lindrith - Gallup/Dakota | Dedicated Acreage: 160 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

☐ Yes ☐ 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. | |
| <i>J. M. McCarthy</i> | |
| Name | J. M. McCarthy |
| Position | District Drilling Superintendent |
| Company | ARCO Oil and Gas Company |
| Date | October 15, 1985 |
| I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. | |
| | |
| Date Surveyed | 10/15/85 |
| Registered Professional Engineer and Licensed Professional Land Surveyor | |
| Certificate No. | 8894 |

Exhibit C
Access Roads to Location
ARCO Hill #2
Rio Arriba County, New Mexico

