

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
OCT 17 1985
FORM 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 720' FSL and 930' FEL, Section 27-25N-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)
720'

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. EPNG Gardner #3 (PC)
927' from

19. PROPOSED DEPTH
8060'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7227' GL
DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

23. ~~FORMER REQUIREMENTS~~
GENERAL CASING AND CEMENTING PROGRAM

This action is subject to technical and
procedural review pursuant to 43 CFR 3160
and appeal pursuant to 43 CFR 3165.4.
QUANTITY OF CEMENT

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#	8060'

Approx. 320 cf, omt to surf
Approx. 2200 cf + excess, omt
to 200' above Ojo

ARCO Oil and Gas Company proposes to drill a 8060' test and ~~quality~~ 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) 293-7176 if additional informa-
tion is required to obtain approval of this permit.

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OIL CON. DIV.

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 a well prevention program, if any.

24. SIGNED [Signature] TITLE Operations Manager
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCC

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Exhibit B
Location as Staked
ARCO Gardner #1
Rio Arriba County, New Mexico

All distances must be from the outer boundaries of the Section

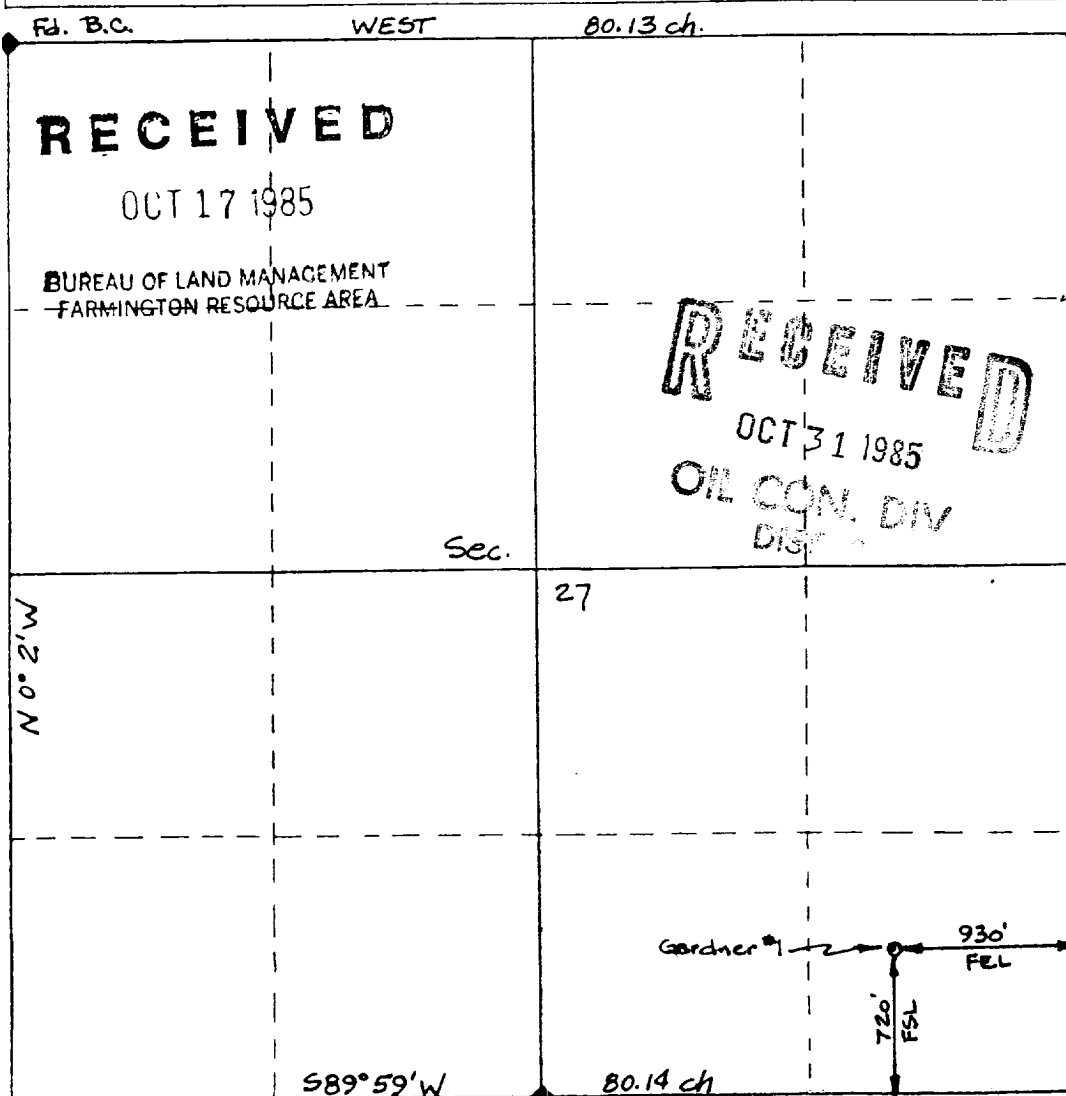
Operator ARCO OIL & GAS CO.			Lease ARCO GARDNER		Well No. 1
Unit Letter P	Section 27	Township 25 North	Range 3 West	County Rio Arriba	
Actual Footage Location of Well: 720 feet from the South line and 930 feet from the East line					
Ground Level Elev: 72.27	Producing Formation Gallup/Dakota		Pool W. Lindrith - Gallup/Dakota		Dedicated Acreage: 160 Acres

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

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
Sept. 8 1985

Registered Professional Engineer and
Surveyor

Certificate No.
18894

ROY A. RUSH
NEW MEXICO
PROFESSIONAL LAND SURVEYOR

Exhibit D
Vicinity Map
ARCO Gardner #1
Rio Arriba County, New Mexico

