

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

reverse side)

30-039-23449
3. LEASE DESIGNATION AND SERIAL NO.
~~SF 08042-A~~ S.F. 080472-A

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. IF INDIAN ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Chacon Federal

9. WELL NO.
101

10. FIELD AND POOL OR WILDCAT
West Lindrith
Undesignated Callup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
A
19-24N-3W

12. COUNTY OR PARISH 13. STATE
Rio Arriba New Mexico

a. 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, 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 700' FNL & 800' FEL
At proposed prod. zone Approx the same

RECEIVED
MAR 27 1984

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
+ 5 miles to Lindrith, New Mexico

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 800'
16. NO. OF ACRES IN LEASE Est 1330
17. NO. OF ACRES ASSIGNED TO THIS WELL joint #8
191.55

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approx 2900'
19. PROPOSED DEPTH 6600'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6889' GL
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED
22. APPROX. DATE WORK WILL START* May 1, 1984

23. GENERAL REQUIREMENTS
PROPOSED CASING AND CEMENTING PROGRAM This action is subject to administrative appeal pursuant to 30 CFR 250.

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"	17#	6600'

Cmt to surf w/approx 360 sx
1st stg approx 430 sx
2nd stg approx 325 sx

Attachments to this APD include:
10 Point Drilling Plan
14 Point Surface Use Plan
Exhibits Attached

- "AA" BOPE Specifications
- "A" BOP Equipment
- "BB" Proposed Access & Water Haul Route
- "B" Access Route from Highway to Location
- "C" Existing Wells within a One Mile Radius of Proposed Location
- "D" Certified Location Plat
- "E" Cut and Fill Diagram
- "F" Proposed Drill Pad Layout

Lease ~~SF 08042-A~~ contains approximately 1330 acres as follows: T24N-R3W Sec 30
Rio Arriba County, New Mexico SW/4, Sec 17; E/2 & Lots #1,2,3,4, Sec's 18,19,20

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 W.A. Walther, Jr TITLE Operations Manager DATE March 22, 1984

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
APR 06 1984
AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions On Reverse Side

NMOCO

All distances must be from the outer boundaries of the Section

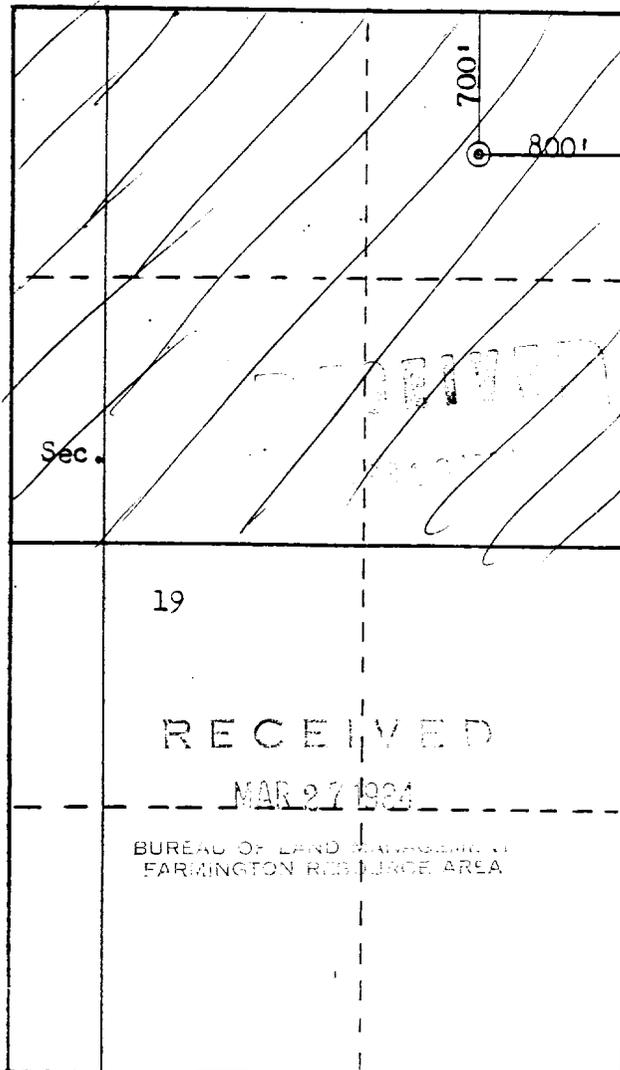
Operator ARCO OIL & GAS COMPANY		Lease CHACON-FEDERAL			Well No. 101
Unit Letter A	Section 19	Township 2LN	Range 3W	County Rio Arriba	
Actual Footage Location of Well: 700 feet from the North line and 800 feet from the East line					
Ground Level Elev. 6883	Producing Formation Gallup-Dakota		Pool West Lindwith Coal-Dak	Dedicated Acreage: 100 191.54 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 _____

Position _____

Company _____

Date _____

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
 February 28, 1981

Registered Professional Engineer and Land Surveyor
 Fred B. Kerr Jr.

Certificate No. 4222

Scale: 1"=1000'

