

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25340

5. LEASE DESIGNATION AND SERIAL NO.

NM-013688

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Atlantic "A"

9. WELL NO.

101

10. FIELD AND POOL, OR WILDCAT

East Aztec - Dakota

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

22-31N-10W

12. COUNTY OR PARISH

San Juan

13. STATE

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, 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

1030' FSL & 1040' FEL Sec 22-31N-10W

At proposed prod. zone

Approx the same

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

8-1/2 miles northeast of Aztec, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 1030'

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 764'

16. NO. OF ACRES IN LEASE

2066.44

19. PROPOSED DEPTH

7735'

17. NO. OF ACRES ASSIGNED

TO THIS WELL 320 S $\frac{1}{2}$

20. ROTARY OR BLEED TOOLS

Rotary

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

6315' GR

22. APPROX. DATE WORK WILL START*

January 15, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	700'	500. sx
7-7/8"	4-1/2"	10.5#	7735'	Total 1550. sx in 3 stages

Propose to drill well to sufficient depth to test the
Dakota formation.

Pursuant to NTL-6, attached are:

Certified Location Plat

Drilling Plan with attachments

Surface Use and Operations Plan with attachments

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



TITLE District Manager of Prod.

DATE 12-3-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

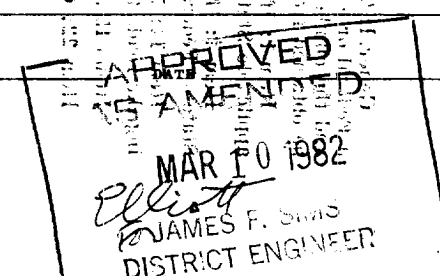
TITLE

CONDITIONS OF APPROVAL, IF ANY:

Gas not dedicated

am2

NMOCC



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

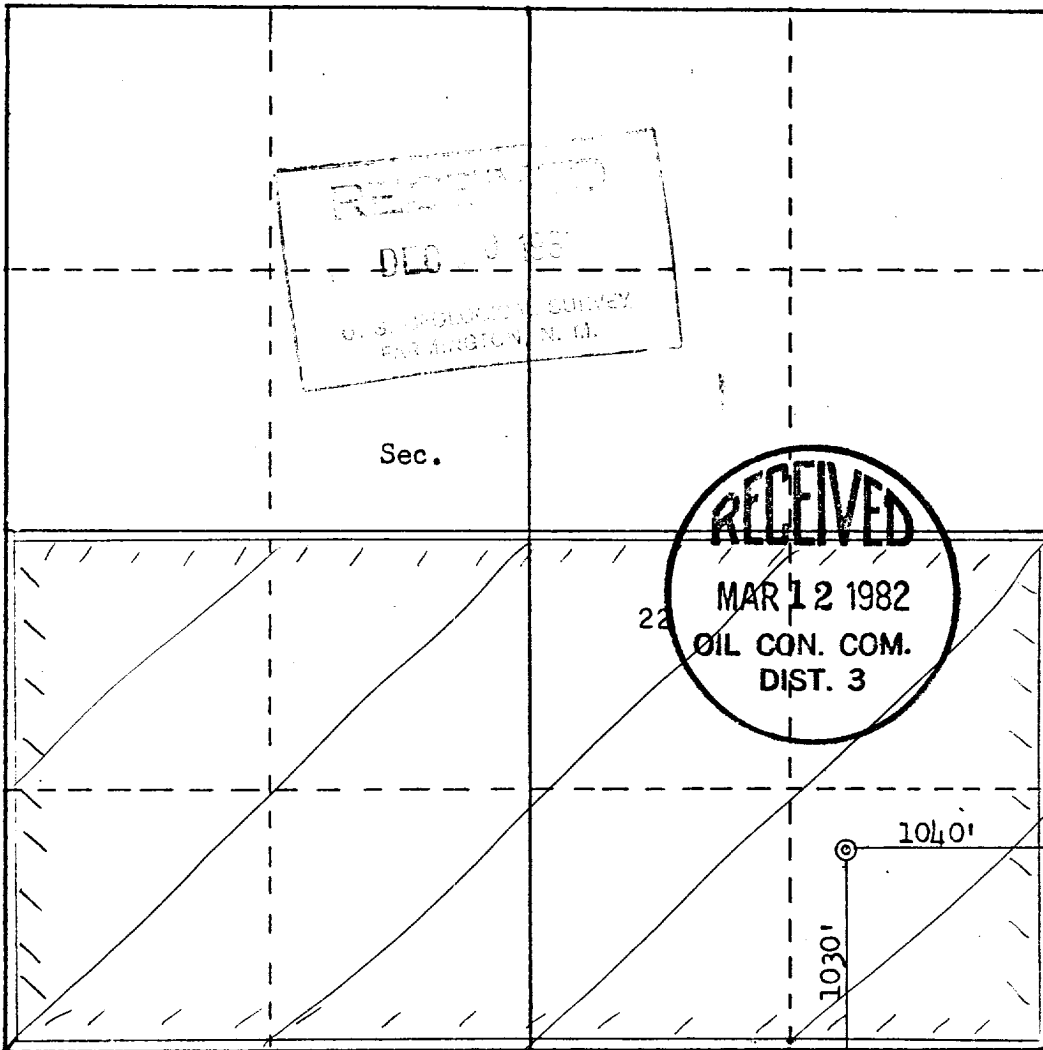
Operator ARCO OIL & GAS COMPANY			Lease Atlantic A		Well No. 101
Unit Letter P	Section 22	Township 31N	Range 10W	County San Juan	
Actual Footage Location of Well: 1030 feet from the South line and 1040 feet from the East line					
Ground Level Elev: 6315	Producing Formation Dakota		Pool Dakota Basin	Dedicated Acreage S 320 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.



Scale: 1"=1000'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
W.A. Walther, Jr.
Position
District Manager of Production
Company ARCO Oil and Gas Co,
Div of Atlantic Richfield Co
Date
12-3-81

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
October 1981
Registered Professional Engineer
and Land Surveyor
Fred B. Kelly, Jr.
Certificate No.
3950

