

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(Other instructions on reverse side)

30-039-23012

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 125

6. IS INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache 125

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Lindrith Gallup-Dakota We

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

SW/4, SW/4

Section 36-T25N-R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL [X]

DEEPEN []

PLUG BACK []

b. TYPE OF WELL

OIL WELL [X]

GAS WELL []

OTHER []

SINGLE ZONE []

MULTIPLE ZONE []

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

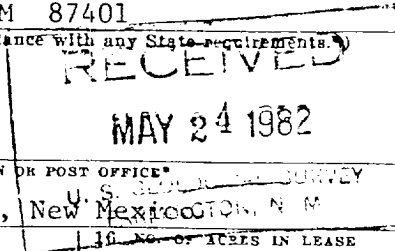
501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

970' FSL x 790' FWL

At proposed prod. zone



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

Approx. 10 miles west of Gavilan, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

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

790'

16. NO. OF ACRES IN LEASE

2560

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.

Approx. 400'

19. PROPOSED DEPTH

8000'

20. ROTARY OR CABLE TOOLS

Rotary

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

7007' GL

22. APPROX. DATE WORK WILL START*

As soon as permitted

23.

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes data for 12-1/4" and 7-7/8" hole sizes.

The subject MMS demand well will be drilled to further develop the Dakota-Gallup reservoirs. The well will be drilled from 0-300' using native spud mud. The well will then be drilled from 300' to TD using a low solids non-dispersed mud system. Completion design will be based on open hole logs. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed.

315 sx Class B cmt x 2% CaCl2 c 1st stage: 150 sx Class B 50:50 POZ containing 6% gel, 2# med tuf plug per sx and 0.8% fluid loss additive. Tail in with 3 sx class B neat. 2nd stage: 940 sx class B 65:35 POZ containing 6% gel, 2# med tuf plug per sx and 0.8%, flui loss additive. Tail in w/ 100 sx class B neat - circ.

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 District Engineer

DATE 5/21/82

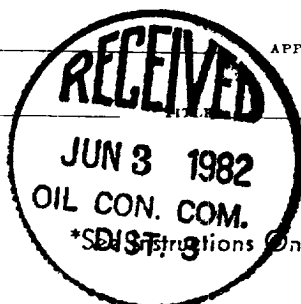
(This space for Federal or State office use)

PERMIT NO.

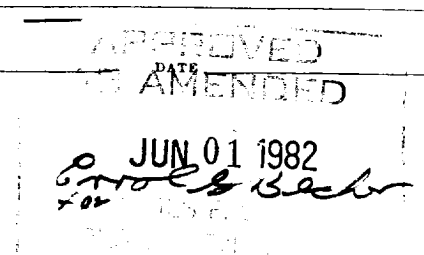
APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:



NMOCC





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

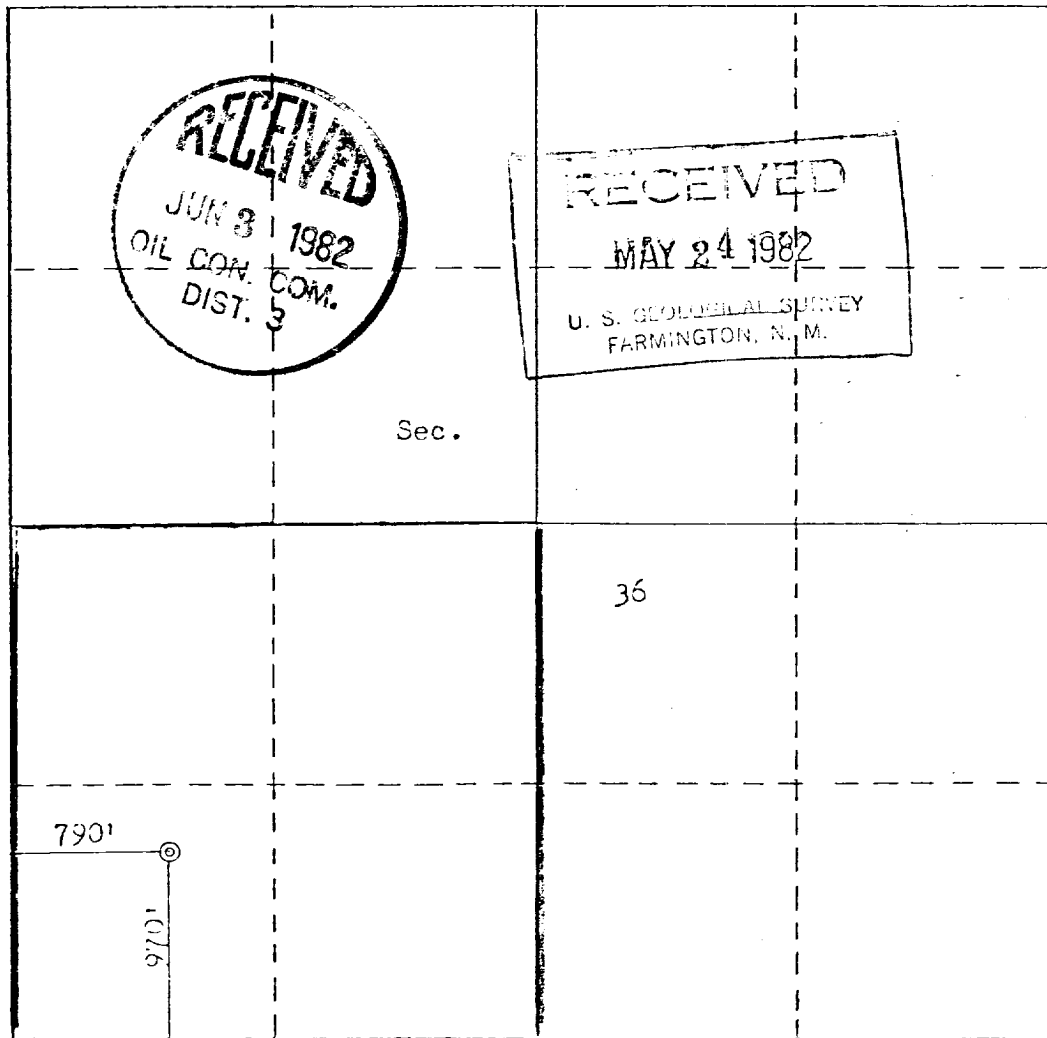
Operator AMOCO PRODUCTION COMPANY			Lease SICARILLA A WACHE 125		Well No. 9
Unit Letter M	Section 36	Township 25N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 970 feet from the South line and 790 feet from the West line					
Ground Level Elev. 7007	Producing Formation Gallup-Dakota		Pool West Lindrith Gallup-Dakota West	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.

Wayne L. Peterson

Name
W. L. Peterson

Position
District Engineer

Company
Amoco Production Company

Date
5-21-82

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
May 10 1982

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

Certificate No.
3950

