

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

Amoco Production Company

## 3. ADDRESS OF OPERATOR

501 Airport Dr., Farmington, NM 87401

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

At surface 840' FNL x 820' FEL

At proposed prod. zone

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

15-1/2 miles Northeast of Counselor, NM

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OCT 26 1982

U. S. GEOLOGICAL SURVEY

16. NO. OF ACRES ASSIGNED TO THIS WELL

2560

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

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

820'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

633'

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

7348' GL

## 5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 148

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Jicarilla Contract 148

## 9. WELL NO.

27

## 10. FIELD AND POOL, OR WILDCAT

Otero Chacra Ext.

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREAA NE/4, NE/4, Section 13,  
T25N, R5W

## 12. COUNTY OR PARISH

Rio Arriba

## 13. STATE

NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

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

820'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

633'

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

7348' GL

## 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" (New)	24.0# K-55	300'	372 cu ft Class B x 2% CaCl2-Circ.
7-7/8"	4-1/2" (New)	9.4# K-55	4753'	1486 cu ft Class B 50:50 POZ w/6% ge. 2# med tuf plug/sx & .8% FLA. Tail in w/118 cu ft Class B neat-Circ.

Amoco proposed to drill the above well to further develop the Otero Chacra reserves. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. A copy of all logs will be filed upon completion. Additional information required by NTL-6 for the application to drill and a multi-point surface use plan are attached.

The gas from this well is not dedicated to a gas sales contract.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present 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. Original Signed By  
D. H. SHOEMAKER

SIGNED

TITLE Dist. Engineer

DATE 10-22-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

DATE

FEB 7 1983

JAMES F. SIMS  
DISTRICT ENGINEER

NM000

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-77STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-039-2315

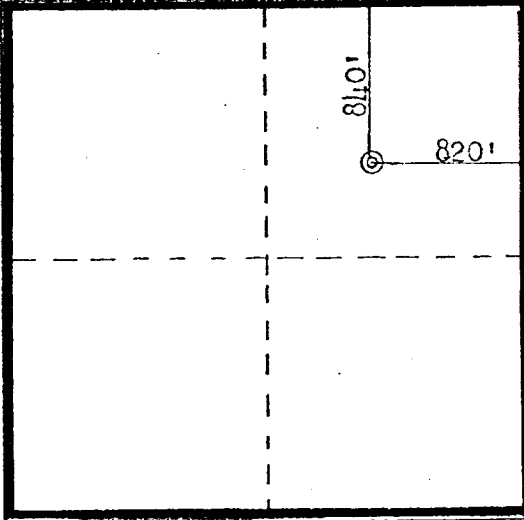
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>JICARILLA CONTRACT 1148</b>		Well No. <b>27</b>
Unit Letter <b>A</b>	Section <b>13</b>	Township <b>25N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>840</b> feet from the <b>North</b> line and <b>820</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7348</b>	Producing Formation <b>Chacra</b>		Pool <b>Otero Chacra Ext.</b>		Dedicated Acreage: <b>160</b> 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.

<div>RECEIVED OCT 26 1982 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.</div>	
<div>RECEIVED</div>	

Scale: 1"=1000'

## CERTIFICATION

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

*R. A. Downey*  
Name  
**R.A. DOWNEY**

Position  
**DISTRICT ENGINEER**

Company  
**AMOCO PRODUCTION COMPANY**

Date  
**SEPTEMBER 11, 1980**

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  
**July 29, 1980**  
Registered Professional Engineer  
and Land Surveyor

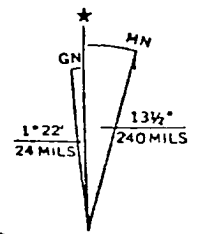
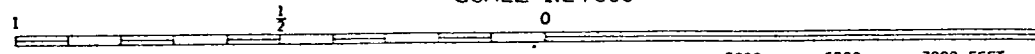
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certification No. **3950**



(OTERO STORE)  
4556 1/4 SE

SCALE 1:24 000



Vicinity Map for  
AMOCO PRODUCTION CO. #27 JICARILLA CONTRACT 148  
840'FNL 820'FEL Sec. 13-T25N-R5W  
RIO ARriba COUNTY, NEW MEXICO

UTM GRID AND 1963 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET