

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 Drive, Farmington, New Mexico

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

At surface 850' FNL x 1570' FNL

At proposed prod. zone Same

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

Approx. 0.8 miles north of Farmington, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

850'

18. DISTANCE FROM PROPOSED LOCATION\*

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

2210'

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

-5874' GL 5868

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT   |
|--------------|----------------|-----------------|---------------|--|
| 12-1/2"      | 8-5/8"         | 32# K-55        | 300'          | 354 cu. ft. Class B with 2% CaCl <sub>2</sub> .  |
| 7-7/8"       | 4-1/2"         | 10.5# K-55      | 6900'         | Stage 1: 616 cu. ft. Class B 50:50<br>POZ, 2# med tuf plug/sx, .8% FLA.<br>Tail in with 118 cu. ft. Class B<br>Neat. |

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. 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 non-dispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

Stage 2: 1182 cu. ft. Class B  
65:35 POZ, 2# med tuf plug/sx, .8%  
FLA. Tail in with 118 cu. ft. Class  
B neat.

The gas from this well is dedicated to El Paso Natural Gas Co. under Contract No. 56742.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

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.

Original Signed By  
D. H. SHOEMAKER

TITLE District Engineer

DATE January 19, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

DATE

APR 28 1983

JAMES F. SIMS  
DISTRICT ENGINEER

Acting Area Manager

NMOC

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107  
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

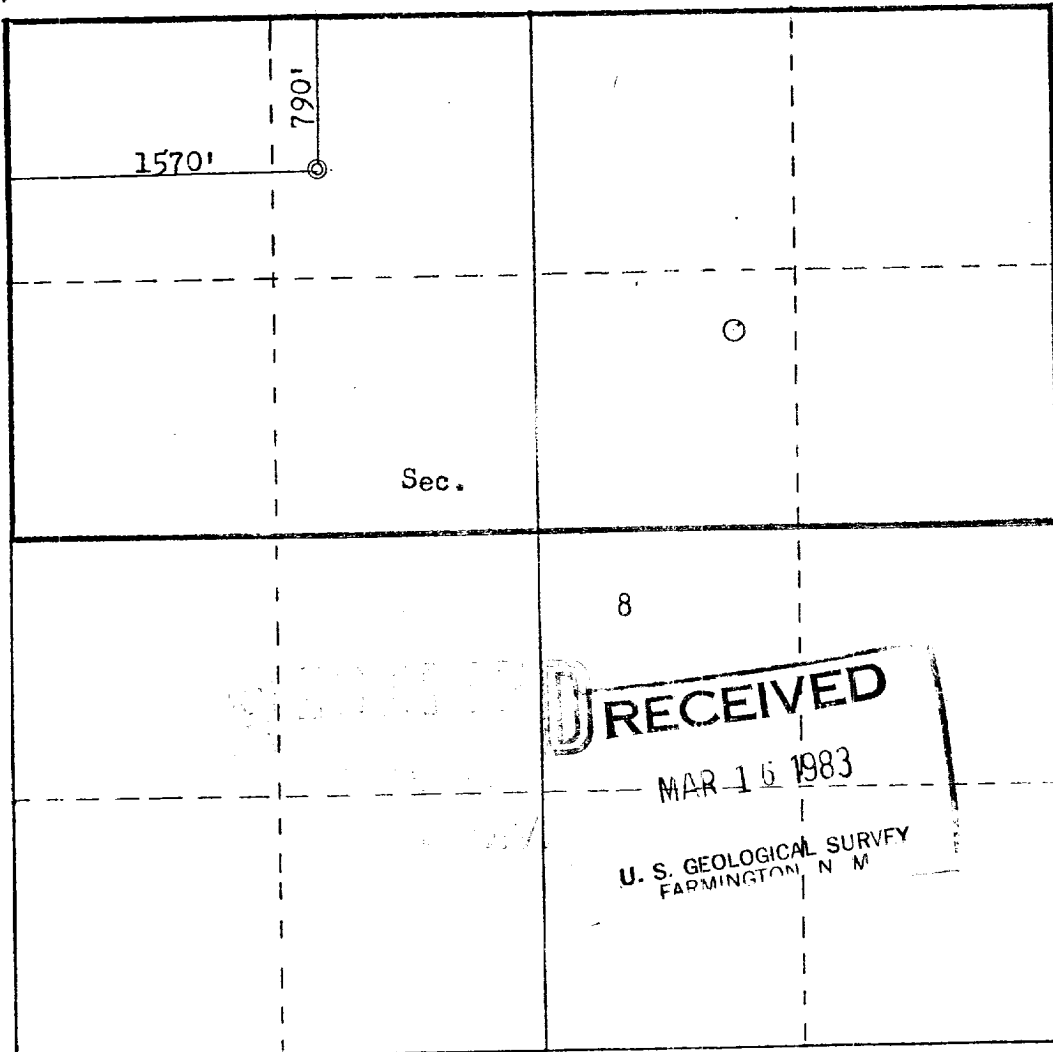
|   |                                      |                        |                                 |                           |  |
|---|--------------------------------------|------------------------|---------------------------------|---------------------------|--|
| Operator<br><b>AMOCO PRODUCTION COMPANY</b>   |                                      |                        | Lease<br><b>JOHN SCHUMACHER</b> |                           | Well No.<br><b>1E</b>                    |
| Unit Letter<br><b>C</b>   | Section<br><b>8</b>                  | Township<br><b>30N</b> | Range<br><b>12W</b>             | County<br><b>San Juan</b> |  |
| Actual Footage Location of Well:<br><b>790</b> feet from the <b>North</b> line and <b>1570</b> feet from the <b>West</b> line |                                      |                        |                                 |                           |  |
| Ground Level Elev.<br><b>5868</b>   | Producing Formation<br><b>Dakota</b> |                        | Pool<br><b>Basin Dakota</b>     |                           | Dedicated Acreage:<br><b>0.320</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.



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

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

March 2, 1983

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950

# OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

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

|                     |          |                 |                    |          |
|---------------------|----------|-----------------|--------------------|----------|
| PRODUCTION COMPANY  |          | Lease           |                    | Well No. |
|                     |          | John Schumacher |                    | 1E       |
| Section             | Township | Range           | County             |          |
| 8                   | 30N      | 12W             | San Juan           |          |
| Location of Well:   |          |                 |                    |          |
| feet from the North | line and | 1570            | feet from the West | line     |
| Producing Formation |          | Pool            | Dedicated Acreage: |          |
| Dakota              |          | Basin Dakota    | 320 Acres          |          |

Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

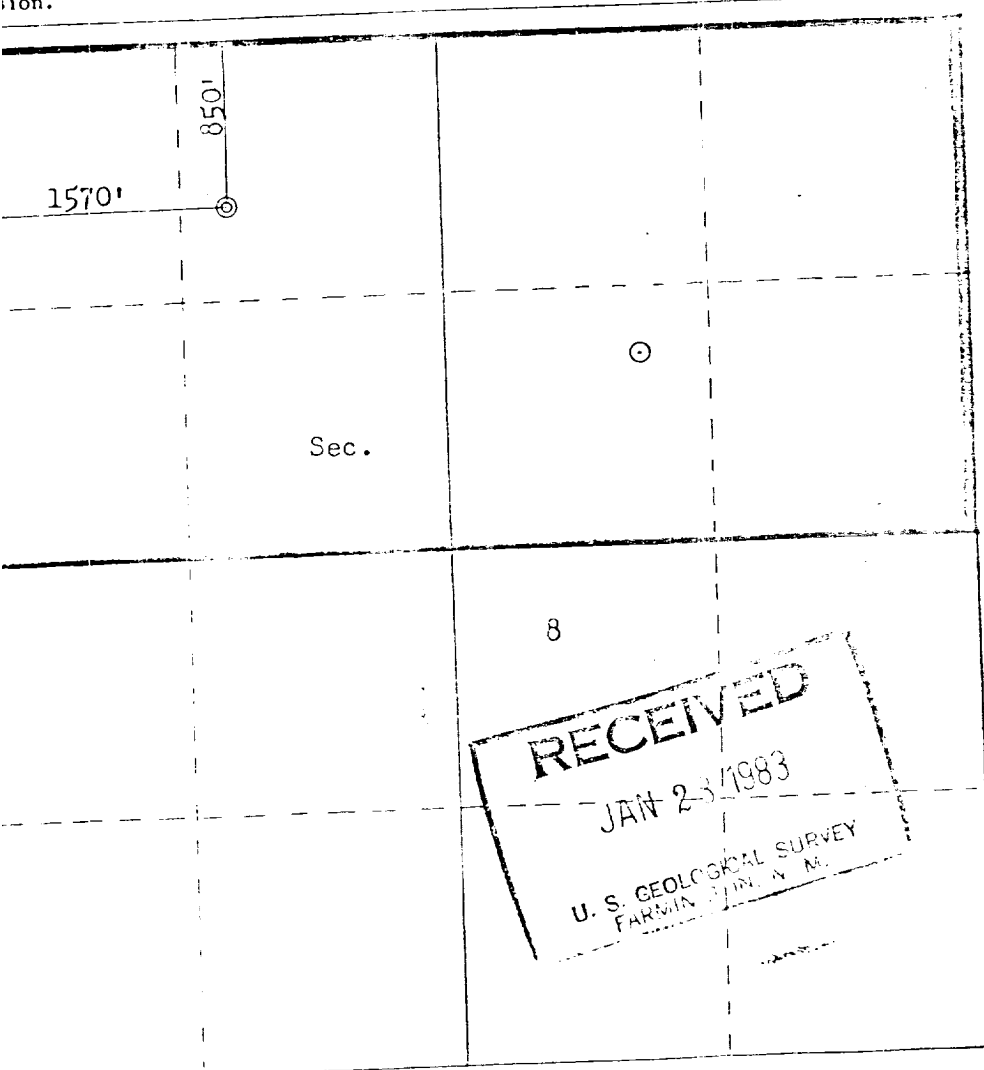
If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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, force-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.

*D. H. Shoemaker*

Name  
D. H. SHOEMAKER

Position  
DISTRICT ENGINEER

Company  
AMOCO PRODUCTION COMPANY

Date  
JANUARY 11, 1983

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  
December 20, 1982

Registered Professional Engineer  
and Land Surveyor

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

Certificate No. 3950

