

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 87401

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

At surface

1100' FSL x 800' FEL

At proposed prod. zone

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

2 1/2 miles SE of Farmington, New Mexico

15. DISTANCE FROM PROPOSED\*

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

800'

18. DISTANCE FROM PROPOSED LOCATION\*

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

2350'

19. PROPOSED DEPTH

6353'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

E/ 320

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

5725' GL

22. APPROX. DATE WORK WILL START\*

as soon as permitted

## PROPOSED CASING AND CEMENTING PROGRAM

This casing is to be administrative

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	APPROX. QUANTITY OF CEMENT
12 1/4"	8 5/8" (New)	24#	300'	300 sx Class "B" w/2% CaCl2-circ.
7 7/8"	4 1/2" (New)	10.5#	6353'	Stage 1-325 sx Class "B" 50/50 POZ 6% gel, 2# med tuf plug/sx, and 0.8% FLA. Tail in w/100 sx Class "B" Neat-circ. Stage 2-1050 sx Class "B" 65/35 POZ, 6% gel, 2# med tuf plug/sx, and 0.8% FLA. Tail in w/100 sx Class "B" Neat-circ.

This application to drill an Infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the NMCCC on May 22, 1979. This well will qualify under Section 103 of the Natural Gas Policy Act under Order No. R-1670-V. The gas from this well is dedicated to El Paso Natural Gas under Contract No. 56742.

DV Tool Set at 4550'

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

C. L. P. 1981

TITLE

District Engineer

DATE 2/26/81

(This space for Federal or State office use)

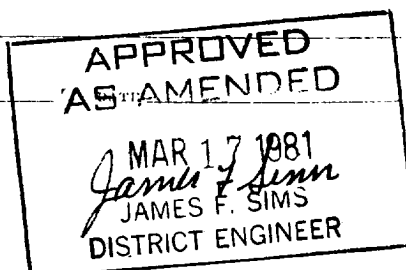
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



## OIL CONSERVATION DIVISION

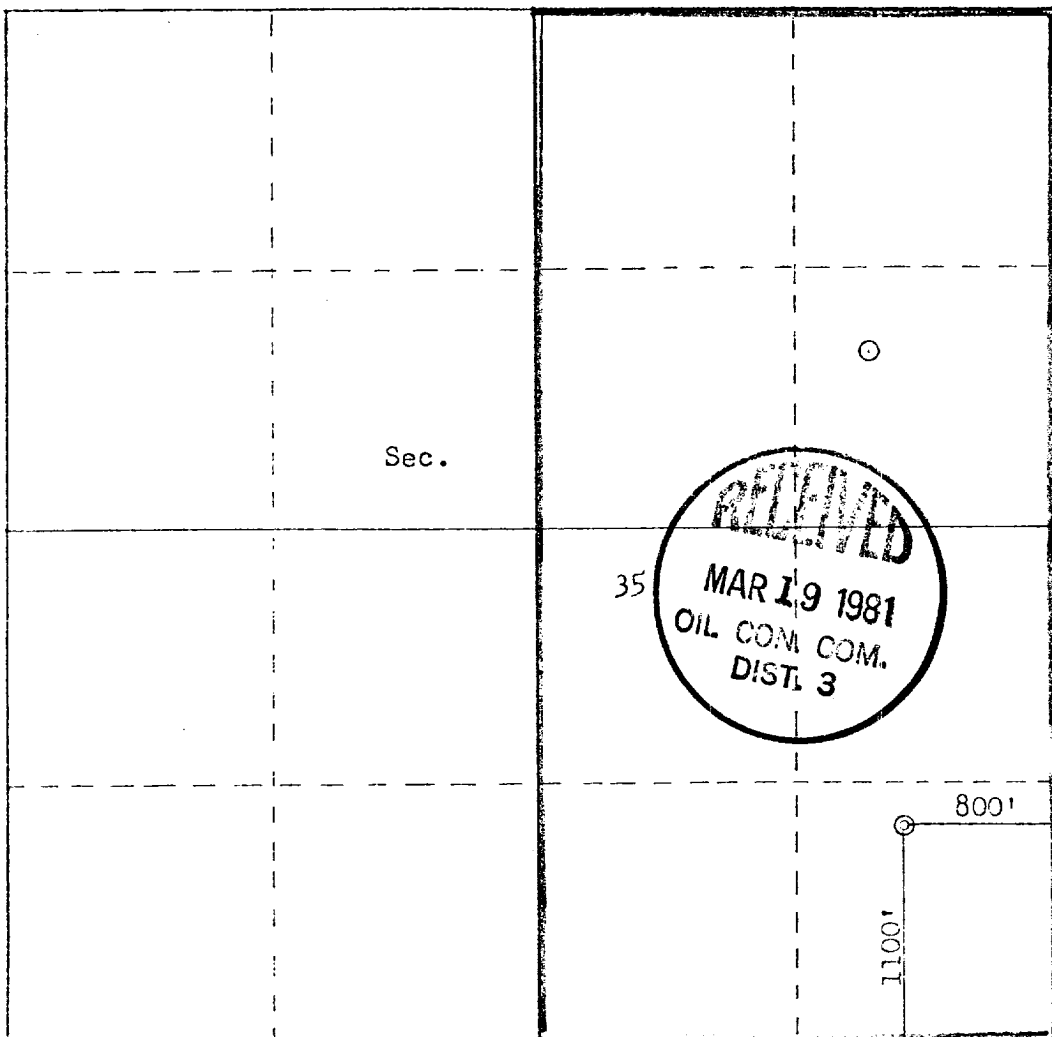
P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
revised 10-1-78STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

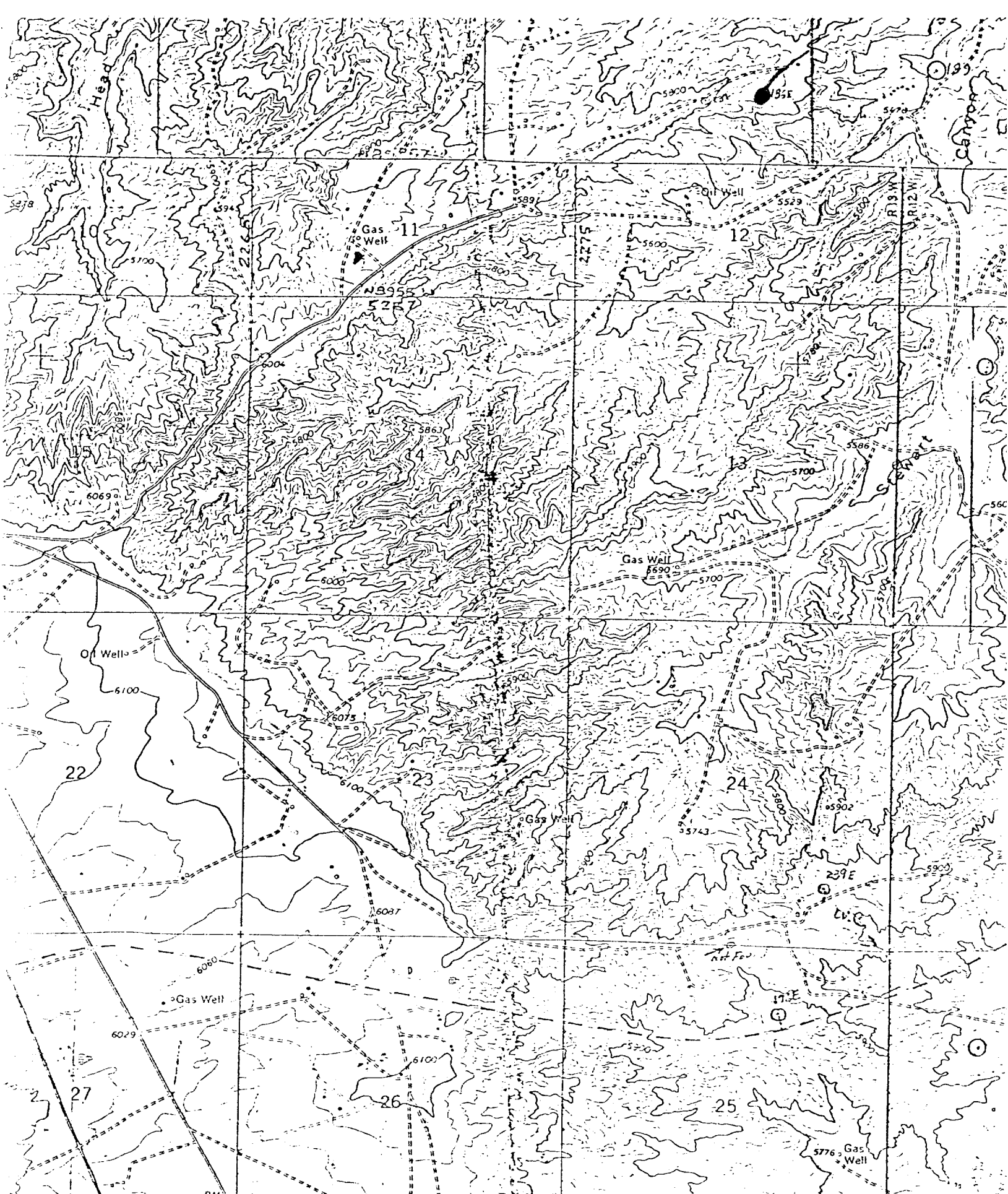
All distances must be from the outer boundaries of the Section.

Lessee <b>AMOCO PRODUCTION COMPANY</b>			Well No. <b>86E</b>		
Unit Letter <b>P</b>	Section <b>35</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Actual Postage Location of Well:					
<b>1100</b>	feet from the	<b>South</b>	line and	<b>800</b>	feet from the
					<b>East</b>
Ground Level Elev. <b>5725</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>320</b> Acres
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No    If answer is "yes," type of consolidation <u>Unitization</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>					



Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Wayne L. Peterson</i>	
Name	W. L. PETERSON
Position	DISTRICT ENGINEER
Company	AMOCO PRODUCTION COMPANY
Date	2/19/81
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	December 11, 1980
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	3950



Vicinity Map for  
 AMOCO PRODUCTION CO. # 86E GALLEGOS CANYON UNIT  
 1100'FSL 800'FEL Sec. 35-T29N-R13W  
 SAN JUAN COUNTY, NEW MEXICO