

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE  
(Other instructions on  
reverse side)

Form approved  
Budget Bureau No. 42-R1425.

30-045-25544  
SF-080601 *NM-06105*

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

5. LEASE DESIGNATION AND SERIAL NO.  
SF-080601 *NM-06105*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal Gas Com L

9. WELL NO.  
1E

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota/Blanco MV

11. SEC. T., E., M., OR BLK.  
AND SURVEY OR AREA  
NW/NE, Section 14,  
T30N, R11W

12. COUNTY OR PARISH 13. STATE  
San Juan NM

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 1090' FNL x 1640' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
1.1 miles Southeast of Aztec, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1090'

16. NO. OF ACRES IN LEASE  
320

17. NO. OF ACRES ASSIGNED TO THIS WELL  
~~320/320~~ *80 N 31 S. 55*

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2189'

19. PROPOSED DEPTH  
6975'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5919' GL

22. APPROX. DATE WORK WILL START\*  
As soon as permitted

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# K-55	300'	372 cu ft Class B neat w/2% CaCl <sub>2</sub>
7-7/8"	5-1/2"	15.5# K-55	6975'	Stage 1: 834 cu ft Class B neat Stage 2: 855 cu ft 50:50 POZ, 6% gel. 2# med tuf plug/sx and 0.8% FLA. Tail in w/118 cu ft Class B neat. Circ.

Amoco proposes to drill the above well to further develop the Basin Dakota/Blanco Mesaverde reservoirs. 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. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

Upon completion the well location will be cleaned and the reserve pit filled and leveled. Gas produced from the Dakota and Mesaverde formations is dedicated to El Paso Natural Gas Company under contract No. 68223.

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  
SIGNED \_\_\_\_\_ TITLE District Engineer DATE 11-11-82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**RECEIVED**  
**APPROVED**  
**DEC 4 1982**  
**AMENDED**  
**OIL CON. COM.**  
**DIST. 3**  
**DEC 10 1982**  
**JAMES F. SIMS**  
**DISTRICT ENGINEER**

*ch 7*

**NMOCC**

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

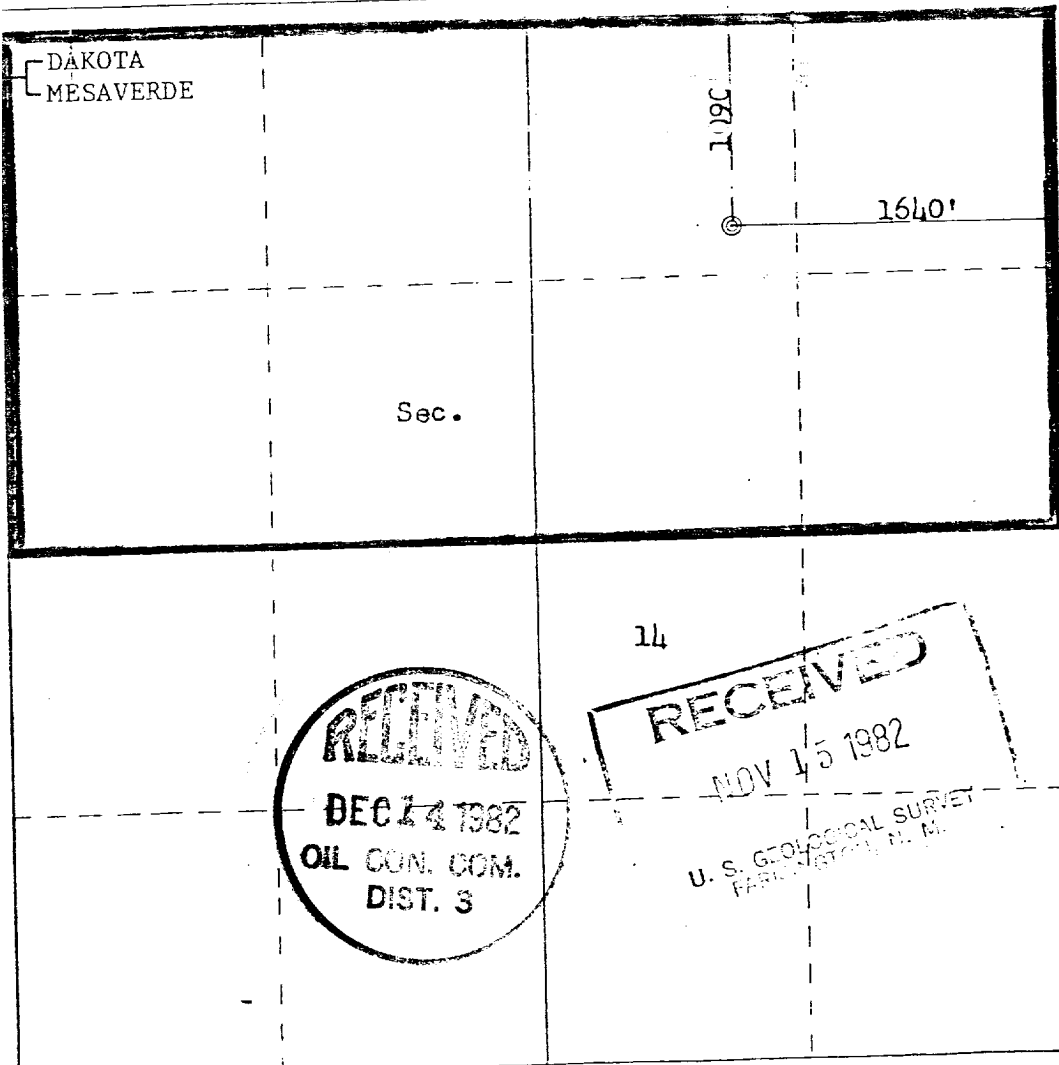
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>FEDERAL GAS COM "L"</b>		Well No. <b>1E</b>
Unit Letter <b>B</b>	Section <b>14</b>	Township <b>30N</b>	Range <b>11W</b>	County <b>San Juan</b>
Actual Footage Location of Well: 1090 feet from the North line and 1640 feet from the East line				
Ground Level Elev. <b>5919</b>	Producing Formation <b>Dakota / Mesaverde</b>	Pool <b>Basin Dakota/Blanco Mesaverde</b>	Dedicated Acreage: <b>320/320</b> <i>N 315.55</i> 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 Communitization

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.	
<i>Dale H. Shoemaker</i>	
Name	D.H. SHOEMAKER
Position	DISTRICT ENGINEER
Company	AMOCO PRODUCTION COMPANY
Date	NOVEMBER 11, 1982
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	November 10, 1982
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i> Fred B. Kerr Jr.
Certificate No.	3950