

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-045-35495  
5. LEASE DESIGNATION AND SERIAL NO.

NM-035634

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

H. B. McGrady B

9. WELL NO.

1E

10. FIELD AND POOL OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREASE/4, SW/4, Section 24,  
T27N, R12W

12. COUNTY OR PARISH

San Juan

New Mexico

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

S 320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

As soon as permitted

## 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, NM 87401

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

At surface 790' FSL x 1680' FWL

At proposed prod. zone Same

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

Approximately 12 miles southeast of Farmington, NM

15. DISTANCE FROM PROPOSED\*

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

790'

18. DISTANCE FROM PROPOSED LOCATION\*

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

2810'

19. PROPOSED DEPTH

6350'

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

5999' 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"	24# K-55	300'	372 cu. ft. Class "B" neat - circ.
7-7/8"	4-1/2"	10.5# K-55	6350'	Stage 1 - 539 cu. ft. Class "B" 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 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 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 prevent design.

Upon completion the well location will be cleaned and the reserve pit filled and leveled.

The gas produced from this well is dedicated to El Paso Natural Gas under contract #56742.

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  
District Engineer

DATE 10/26/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

NOV 04 1982

JAMES F. SIMS  
DISTRICT ENGINEER

NMOCC

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-7

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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


Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>H. B. McGRADY "B"</b>		Well No. <b>1E</b>
Unit Letter <b>N</b>	Section <b>24</b>	Township <b>27N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>770</b> feet from the <b>South</b> line and <b>1680</b> feet from the <b>West</b> line					
Ground Level Elev. <b>5999</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>5 320</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.

Sec.			
1680'		24	
770'			

## CERTIFICATION

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

Name

Dale H. Shoemaker

Position

District Engineer

Company

Amoco Production Company

Date

October 21, 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

September 7, 1982

Registered Professional Engineer  
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. 4512

