

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 ☐

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' FNL x 1040' FWL

At proposed prod. zone

Same

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

15 miles NW of Gavilan, 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.

115'

21. ELEVATIONS (Show whether DF, RT, or BL)

7179' GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24# K-55	300'
7-7/8"	4-1/2"	10.5# K-55	6360'

Amoco proposes to drill the above well to further develop the Blanco Mesaverde reservoir. The well will be drilled from the surface casing point using native mud. The well will then be drilled to TD with a low yield cement plug. The well will be cased with a design that will allow for the removal of all logs will be drilled upon completion. A 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 this well is dedicated to Gas Co, of New Mexico under contract No. 49005.

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 drill directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED

TITLE

District Engineer

DATE

3-25-83

(This space for Federal or State office use)

SUBMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE OF APPROVAL

APPROVED
AS AMENDED
MAY 03 1983
JAMES F. SIMS
DISTRICT ENGINEER

NMOCC

OIL CONSERVATION DIVISION

P. O. BOX 2048

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

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

Operator AMOCO PRODUCTION COMPANY		Lease JICARILLA APACHE 102		Well No. LA
Unit Letter D	Section 4	Township 26N	Range LW	County Rio Arriba
Actual Footage Location of Well: 790' feet from the North line and 1040' feet from the West line				
Ground Level Elev: 7179	Producing Formation Mesa Verde	Pool Blanco Mesa Verde	Dedicated Acreage: 320 W 322.88 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.

<p>Sec.</p>	<p>4</p>

<p>CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Dale H. Shoemaker</i></p>	
Name	DALE H. SHOEMAKER
Position	DISTRICT ENGINEER
Company	AMOCO PRODUCTION COMPANY
Date	MARCH 18, 1983
<p>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.</p>	
Date Surveyed	March 9, 1983
Registered Professional Engineer and Land Surveyor	<i>Frederick B. Kerr Jr.</i>
Certification No.	107