

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, N.M. 87401

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

At surface

2310' FNL x 330' FEL

At proposed prod. zone Same

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

18 miles west of Farmington

BUREAU OF LAND  
FARMINGTON, N.M.

## 15. DISTANCE FROM PROPOSED\*

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

330'

## 16. NO. OF ACRES IN LEASE

4800

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

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

10034'

## 19. PROPOSED DEPTH

7155'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

5122' GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

## 22. APPROX. DATE WORK WILL START\*

As soon as permitted

## 23.

GENERAL REQUIREMENTS  
PROPOSED CASING AND CEMENTING PROGRAM This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"	48# H40	200'	260 cu ft Class B w/2% CaCl <sub>2</sub>
12 1/4"	9 5/8"	36# H40	2000'	1000 cu ft Class B 50:50 POZ
8 3/4"	7"	26# J55	7155'	1850 cu ft Class B 50:50 POZ.
				Tail in both with 148 cu ft Class B neat.

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 will be designed after evaluation of open hole logs. Copies of all logs will be filed upon completion. Additional information required by NTL-6 for the application to drill and a multi-point surface use plan are attached.

RECEIVED

JUL 17 1984

OIL CON. DIV.  
DIST. 3

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

SIGNED D.D. Lawson

TITLE Dist. Admin. Supervisor

DATE 10-6-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED  
JUL 13 1984AREA MANAGER  
FARMINGTON RESOURCE AREA

NMOC

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78NEW MEXICO  
OIL CONSERVATION DIVISION

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

Section		Township		Range		County	
13		29N		17W		San Juan	
Actual Footage Location of Well:							
feet from the North line and		330		feet from the East line			
2310							
Ground Level Elev:		Producing Formation		Pool		Dedicated Acreage:	
5122		Barker Creek - Leadville		Hogback Barker Creek W.C.		100/40 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.

## CERTIFICATION

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

Original Signed By

Name D.D. Lawson

Darrell D. Lawson

Position

District Administrative

Company Supervisor  
Amoco Production Co.

Date

10-6-83

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

July 6, 1983

Registered Professional Engineer  
and Land Surveyor

Fred B. Kest Jr.

Certificate No.

3950

Scale: 1"=1000'