

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 Co.

3. ADDRESS OF OPERATOR

501 Airport Dr., Farmington, N.M. 87401

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

990' FNLX 1650' FEL

At proposed prod. zone

Same

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

18 miles West of Farmington

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

990'

16. NO. OF ACRES IN LEASE

4800

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

10034'

19. PROPOSED DEPTH

7076'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160-40

20. ROTARY OR CABLE TOOLS

Rotary

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

5153 GL

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO COMPLIANCE WITH ATTACHED

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

As soon as permitted

23.

This action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17 1/4"	13 3/8"	48# H40	200'
12 1/4"	9 5/8"	32.3 #-36# H-40	2000'
8 3/4"	7 "	20#-26# J-55	7076'

260 CuFt. Class B neat
1001 CuFt. Class B 50-50 POZ/w/ 2%
Gel and 2% CACL2 and 118 CuFt. Class B
tail in w/2% CACL 2
1771 CuFt. Class B 50/50 POZ w/2% gel
and 148 Cuft Class B neat tail in

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.

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. H. SHOEMAKER

TITLE District Engineer

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL MAY 31 1984

OIL CON. DIV.
DIST. 3

10-2-83
APPROVED
AS AMENDED
MAY 25 1984
APPROVED BY
FARMINGTON RESOURCE AREA

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

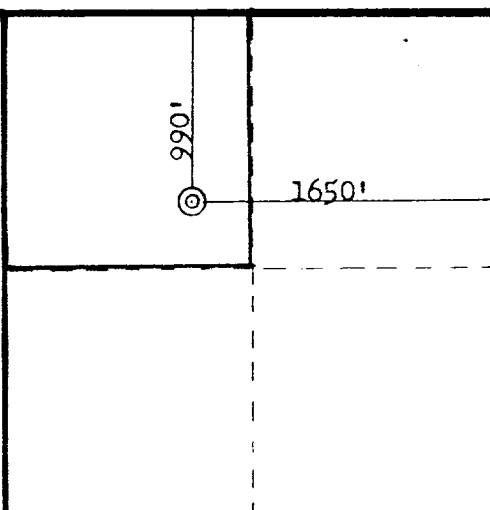
Operator: AMOCO PRODUCTION COMPANY			Lease: USG Section 18		Well No.: 38
Unit Letter: B	Section: 30	Township: 29N	Range: 16W	County: San Juan	
Actual Footage Location of Well: 990 feet from the North line and 1650 feet from the East line					
Ground Level Elev.: 5153	Producing Formation: Miss Barker Creek-Leadville		Pool: W.C. Hogback Barker Creek - Leadville		Dedicated Acreage: 160/40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

RECEIVED MAY 31 1984 OIL CON. DIV. DIST. 3	

CERTIFICATION

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

Original Signed By
D. H. SHOEMAKER

Name

Dale H. Shoemaker

Position

District Engineer

Company

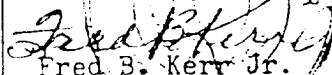
AMOCO PROCTION COMPANY

Date

9/1/83

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, 1983Registered Professional Engineer
and Land Surveyor
Fred B. Kerr Jr.Certificate No. **3950**

Scale: 1"=1000'

