

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Coal Seam SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Amoco Production Company ATTN: J. L. Hampton

3. ADDRESS OF OPERATOR
P. O. Box 800 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1460' FNL, 1280' FEL, SE/NE
At proposed prod. zone
SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8 miles - Artec, NM

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any) 1280'

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
6127' GR

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6127' GR

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24#	250'
7 7/8"	5 1/2"	17#	3017 (TD)

5. LEASE DESIGNATION AND SERIAL NO.
SF-078051

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Neil "A"

9. WELL NO.
#22

10. FIELD AND POOL, OR WILDCAT
Basin Fruitland Coal Gas

11. SEC. T. R. M. OR R.L.R. AND SURVEY OR AREA
H Sec. 15, T31N R11W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
320 acres E/2

20. ROTARY OR CABLE TOOLS
Rotary

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

24. PROPOSED CASING AND CEMENTING PROGRAM
This action is subject to technical and procedural review pursuant to 43 CFR 3185.9

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

250 cf (cement to surface)
845 cf (cement to surface)

Notice of Staking was submitted: 6/1/90

Lease Description:

Sec. 4: Lots 5-12, S/2
Sec. 14: W/2 NE/4, NW/4 SE/4, N/2 SW/4, NW/4
Sec. 15: N/2, SE/4

T32N-R11W:

Sec. 23: All

RECEIVED
AUG 08 1990
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.

SIGNED: J. L. Hampton
J. L. Hampton / JLB
(This space for Federal or State office use)

TITLE: Sr. Staff Admin. Supv.

DATE: 6/26/90

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCD

*See Instructions On Reverse Side

APPROVED
AUG 10 1990
AREA MANAGER

Amoco proposes to drill the well to further develop the Fruitland Coal reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to the total depth with a non-dispersed mud system. The attached modified 12" 3000 psi blowout preventer will be used (please see attached BOP information). The well will be completed in the Fruitland Coal with a fracture stimulation.

<u>Quantity</u>	<u>Size</u>	<u>Weight</u>	<u>Description</u>	<u>Cementing Program</u>
<u>SURFACE CASING</u>				
250'	8-5/8"	24#	K55 ST&C	250 cf Class B, 2% CaCl ₂ 15.6 ppg
<u>INTERMEDIATE STRING</u>				
3017	5.5"	17#	K55 ST&C	845 cf Class B, 65:35:6 10% salt, .25% dispersant 13.1 ppg 118 cf Class B, 2% CaCl ₂ 15.6 ppg

The above casing design is based upon a 11.0#/gal mud weight.

EVALUATION

The log surveys (FDC/GR/CAL, Microlog) will be run per attached drilling and completion program.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease NEIL /A/		Well No. # 22
Unit Letter H	Section 15	Township 31 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1460 feet from the NORTH line and 1280 feet from the EAST line					
Ground level Elev. 6127	Producing Formation Fruitland Coal	Pool Basin Fruitland Coal Gas		Dedicated Acreage: E/2 320 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 interest 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 interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature: *G. L. Hampton*
Printed Name: **G. L. Hampton**
Position: **Sr Staff Admin Super**
Company: **Amoco Prod**
Date: **6-1-90**

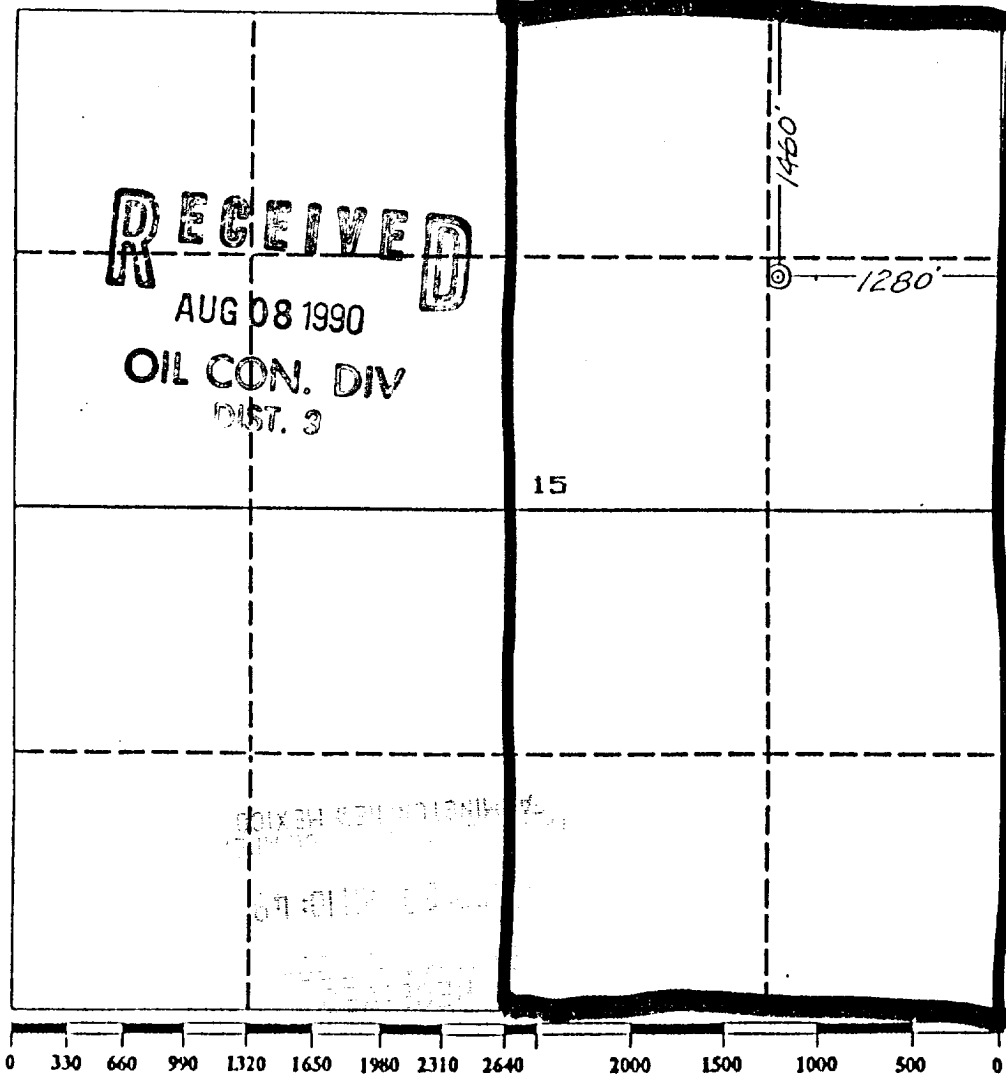
SURVEYOR CERTIFICATION

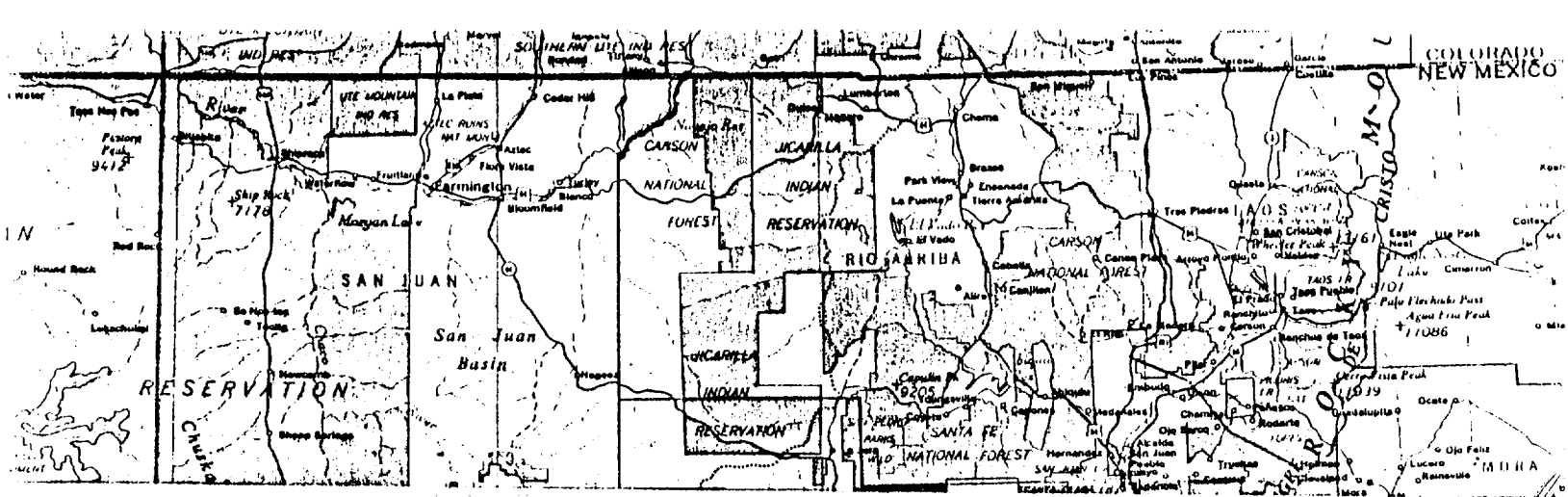
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **May 24, 1990**

Signature & Seal of Professional Surveyor
Gary D. Vann
GARY D. VANN
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016

Certification No.
7016





NEIL /A/ # 22
 1460' F/NL 1280' F/EL
 SEC. 15, T31N, R11W, NMPM
 RAIL POINT: 151 miles - Montrose, CO.
 MUD POINT: 8 miles - Aztec, NM
 CEMENT POINT: 22 miles - Farmington, NM

