

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

800' FWL, 1250' FSL SW/SW

At proposed prod. zone

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

15 miles from Aztec, NM

15. DISTANCE FROM PROPOSED\*

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

800'

16. NO. OF ACRES IN LEASE

2,080

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320 acres S/2

18. DISTANCE FROM PROPOSED LOCATION\*

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

19. PROPOSED DEPTH

3167' TD 3167

20. ROTARY OR CABLE TOOLS

Rotary

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

6218 GR

This section is subject to technical and  
procedural review pursuant to 43 CFR 3160.3  
and 3160.4

22. APPROX. DATE WORK WILL START\*

As soon as permitted

23.

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

"GENERAL REQUIREMENTS"

| SIZE OF HOLE  | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|---------------|----------------|-----------------|---------------|
| 12 1/4"       | 9 5/8"         | 36              | 250'          |
| 7 7/8" 8 3/4" | 5 1/2" 7"      | 20              | 3167' (TD)    |

250 cf (cement to surface)  
887 cf (cement to surface)

Notice of Staking was submitted: 3-13-90

Lease Description:

T32N-R11W, NMPM- Sec.13:S/2; Sec.14:E/2 Se/4;  
Sec.15:W/2 SW/4; Sec.22: N/2 NW/4,SW/4; Sec.23: S/2 NE/4, NW/4NW/4,E/2 SW/4,SE/4;  
Sec.24: NE/4,S/2 NW/4; Sec.26,NE/4,E/2 NW/4,SW/4,SW/4 SE/4  
Sec.27: N/2

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. J.L. Hampton

SIGNED

J.L. Hampton

TITLE Sr. Staff Admin. Supv.

DATE

3/30/90

(This space for Federal or State office use)

APPROVED

AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

APR 18 1990

CONDITIONS OF APPROVAL, IF ANY:

John Shelton

AREA MANAGER

NMOCD

\*See Instructions On Reverse Side

RECEIVED  
U.S. DEPARTMENT OF THE ARMY  
WASHINGTON, D.C. 20315  
MAY 1964

OFFICE OF THE  
JOINT CHIEFS OF STAFF  
WASHINGTON, D.C. 20315  
MAY 1964

INWOOD

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

(267)

OIL CONSERVATION DIVISION

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

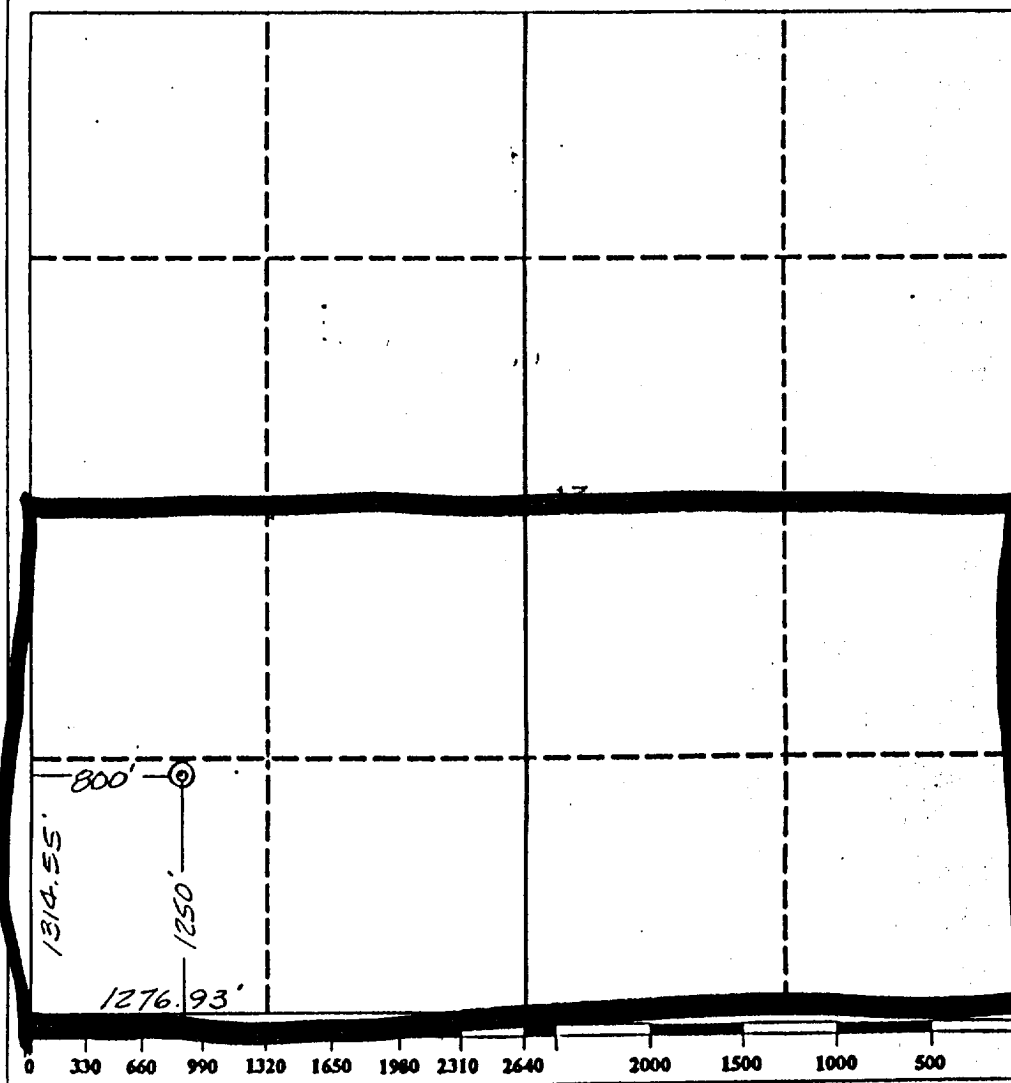
All Distances must be from the outer boundaries of the section

|   |                      |                             |                            |                                |                         |
|---|----------------------|-----------------------------|----------------------------|--------------------------------|-------------------------|
| Operator<br><b>AMOCO PRODUCTION COMPANY</b> |                      |                             | Lease<br><b>BARNES /B/</b> |                                | Well No.<br><b># 21</b> |
| Unit Letter<br><b>M</b>                     | Section<br><b>13</b> | Township<br><b>32 NORTH</b> | Range<br><b>11 WEST</b>    | County<br><b>NMPM SAN JUAN</b> |                         |

Actual Footage Location of Well:

1250 feet from the **SOUTH** line and 800 feet from the **WEST** line  
Ground level Elev. **6218** Producing Formation **Fruitland Coal** Pool **Basin Fruitland Coal Gas** Dedicated Acreage: **320** Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

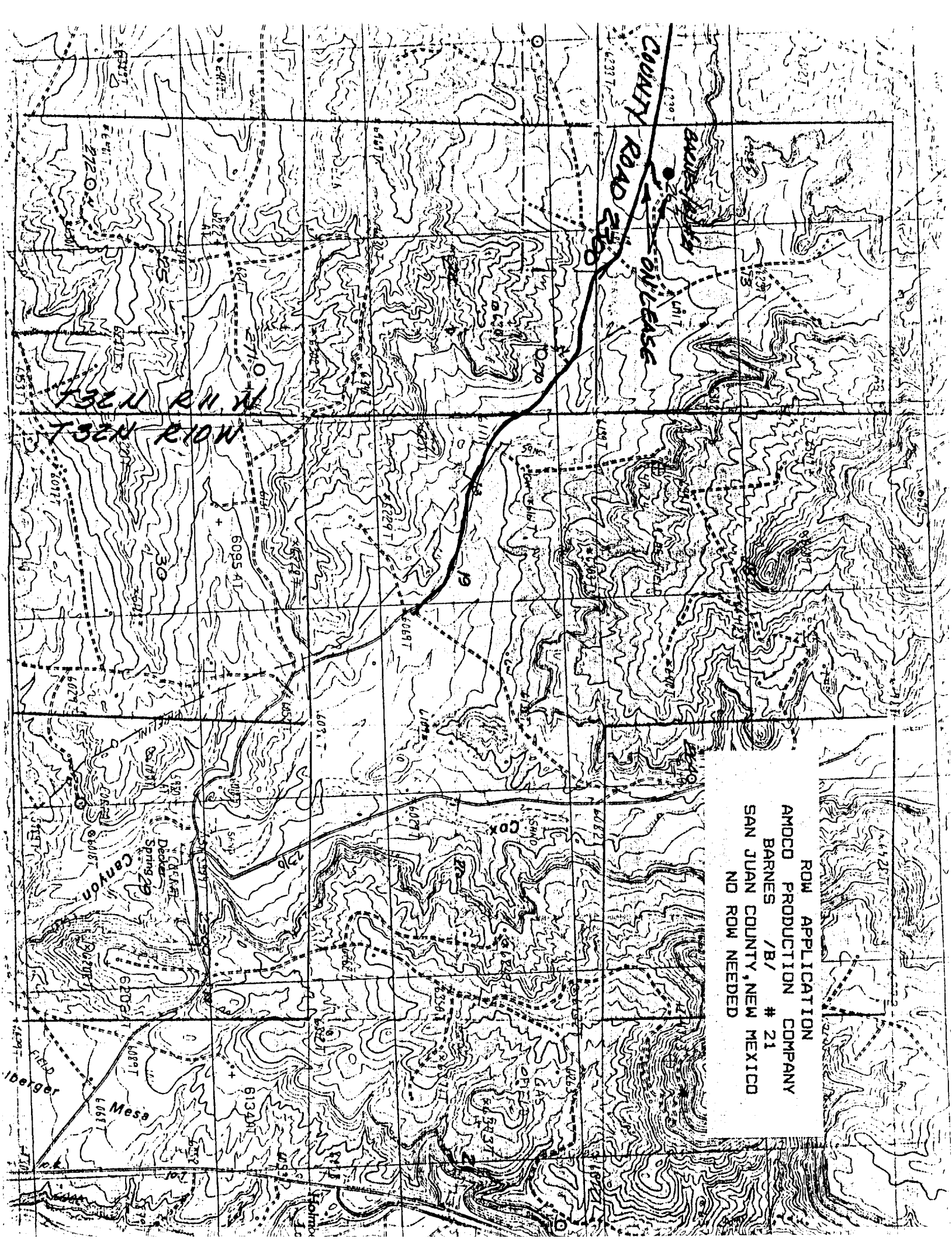
Signature **J. L. Hampton /cub**  
Printed Name **J. L. Hampton**  
Position **Sr. Staff Admin. Supv.**  
Company **Amoco Production Company**  
Date **March 13, 1990**

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 **February 28, 1990**

Signature & Seal of Professional Surveyor  
**GARY D. VANN**  
Registered Professional Land Surveyor  
New Mexico  
7016



ROW APPLICATION  
AMOCO PRODUCTION COMPANY  
BARNES /B/ # 21  
SAN JUAN COUNTY, NEW MEXICO  
NO ROW NEEDED