

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-034-25113

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

790' FNL, 920' FEL, NE/NE

At proposed prod. zone

same

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

36 miles from Bloomfield

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

1,304.48

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 acres E/2

18. DISTANCE FROM PROPOSED LOCATION*

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

19. PROPOSED DEPTH

3088' TD

20. ROTARY OR CABLE TOOLS

Rotary

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

6156' GR

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and approved under 43 OFR 3165.3

22. APPROX. DATE WORK WILL START*

As soon as permitted

23.

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|----------------------------|
| 12 1/4" | 8 5/8" | 24# | 250' | 250 cf (cement to surface) |
| 7 7/8" | 5 1/2" | 17# | 3088' (TD) | 865 cf (cement to surface) |

Notice of Staking was submitted: 8/13/91

Lease Description: T28N-R7W:

Sec. 10: Lots 1-4, S/2 S/2,

Sec. 12: Lots 1-4, S/2 S/2

Sec. 14: E/2

Sec. 15: E/2

Sec. 22: N/2 NW/4

RECEIVED
SEP 23 1991
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
SEP 23 5 AM '91

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

8/28/91

(This space for Federal or State office use)

APPROVED
AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCD

SEP 17 1991
AREA MANAGER

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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APPROVED
AT AMHERST
MASSACHUSETTS
JANUARY 10 1900

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.

| Quantity | Size | Weight | Description | Cementing Program |
|----------|------|--------|-------------|-------------------|
|----------|------|--------|-------------|-------------------|

SURFACE CASING

| | | | | |
|------|--------|-----|----------|--|
| 250' | 8-5/8" | 24# | K55 ST&C | 250 cf Class B, 2% CaCl ₂ 15.6 ppg |
|------|--------|-----|----------|--|

INTERMEDIATE STRING

| | | | | |
|-------|------|-----|----------|---|
| 3088' | 5.5" | 17# | K55 ST&C | 865 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

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

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SEP 23 1991

SANTA FE, N.M.

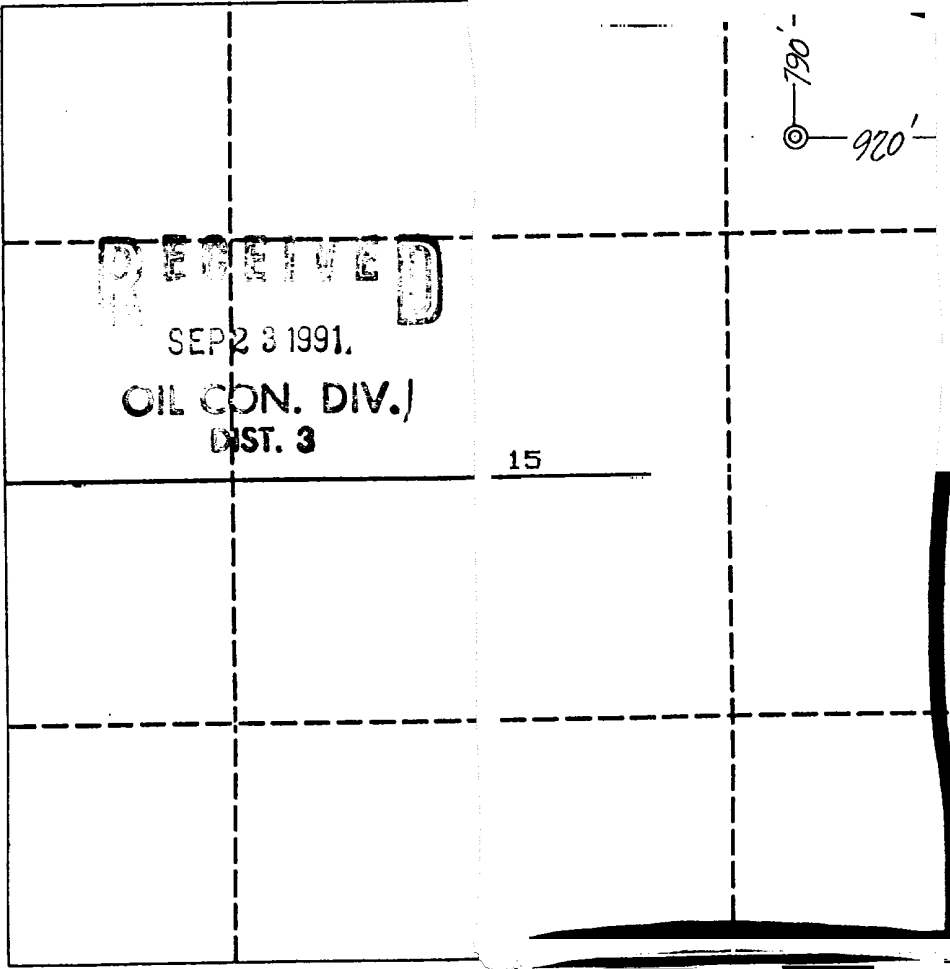
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

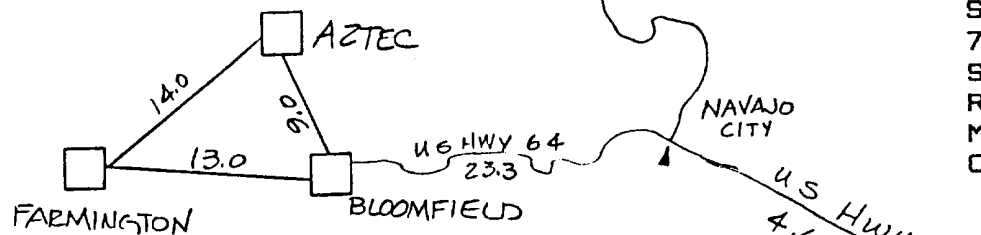
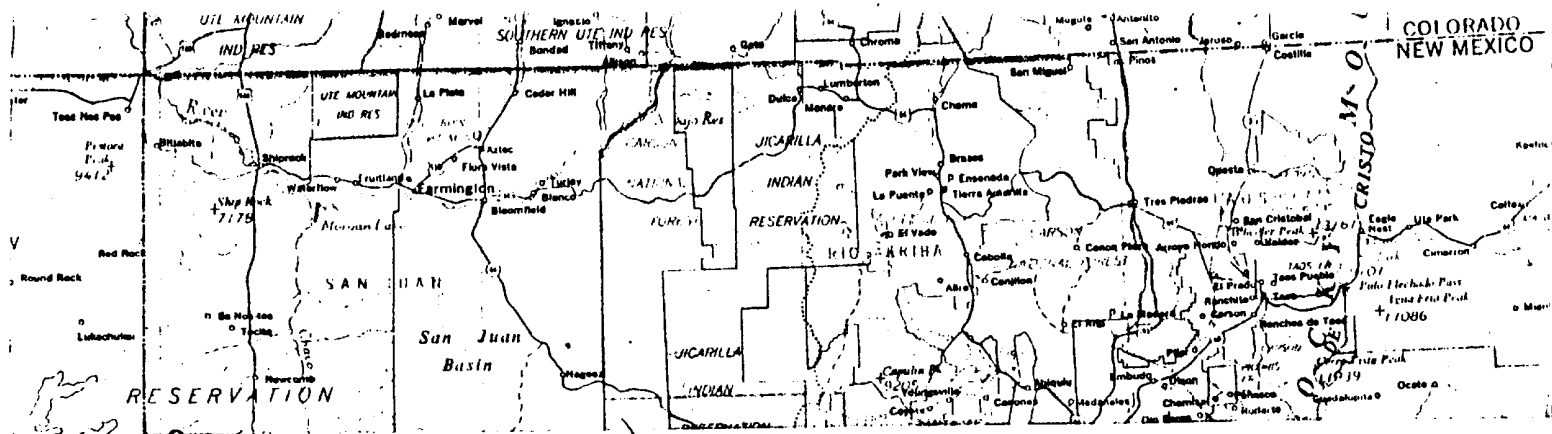
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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 AMOCO PRODUCTION COMPANY | | | Lease SAN JUAN 28-7 UNIT | | Well No. # 404 |
| Unit Letter A | Section 15 | Township 28 NORTH | Range 7 WEST | County RIO ARriba | |
| Actual Footage Location of Well: 790 feet from the NORTH line and 920 feet from the EAST line | | | | | |
| Ground level Elev. 6156 | Producing Formation Fruitland Coal | | Pool Basin Fruitland Coal Gas | | Dedicated Acreage: 320 E/2 Acres |
| <p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p> | | | | | |
|  | | | | OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. | |
| | | | | Signature <i>J.L. Hampton</i> Printed Name J.L. Hampton Position Sr. Staff Admin. Supr. Company Amoco Production Co. Date 8/29/91 | |
| | | | | 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 July 30, 1991 Signature & Seal Professional Surveyor GARY D. VANN 7016 Gary D. Vann Certification 7016 | |



SAN JUAN 28-7 UNIT # 404
 790' F/NL 920' F/EL
 SEC. 15, T2BN, R7W, NMPM
 RAIL POINT: 188 miles from Montrose
 MUD POINT: 45 miles from Aztec
 CEMENT POINT: 58 miles from Farmington

