



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington Resource Area
1235 Laplata Highway
Farmington, New Mexico 87401

**TAKE
PRIDE IN
AMERICA**

IN REPLY REFER TO:

SF-078336-B et al. (WC)
3162.3-1 (019)

Amoco Production Company
P.O. Box 800
Denver, CO 80201

OCT. 19 1991

Gentlemen:

Enclosed are your Applications for Permit to Drill well Nos:

- ✓ 1. 14 Barrett A, sec. 19, T. 31 N., R. 9 W., San Juan County, NM,
lease SF-078336-B.
- ✓ 2. 64 Mudge B, sec. 20, T. 31 N., R. 11 W., San Juan County, NM,
lease SF-078096.
- ✓ 3. 62 Mudge B, sec. 21, T. 31 N., R. 11 W., San Juan County, NM,
lease SF-078096.
- ✓ 4. 1 Florance Gas Com H, sec. 30, T. 30 N., R. 9 W., San Juan County, NM,
lease SF-077833.
- ✓ 5. 11 Heaton A, sec. 28, T. 31 N., R. 11 W., San Juan County, NM,
lease SF-078097.

As discussed with Cindy Burton of your company on, October 9, 1991, the subject APDs are rescinded and returned due to drilling not being commenced within the approved period of time.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in assessment of liquidated damages.

Sincerely,

John L. Keller
Chief, Branch of Mineral Resources

Enclosures

CC:
New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, NM 87410

RECEIVED

OCT 21 1991

OIL CON. DIV.
DIST 3

ABANDONED LOCATION

08-08-90

T Gas
R
A
N
S

P o o l

No. 64

G-20-31N-11W

AMOCO PRODUCTION CO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

30-045-28106
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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

1370' FNL, 1690' FEL, SW/NE
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

SF-078096

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mudge "B"

9. WELL NO.

#64

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal Gas

11. SEC. T. R. M., OR B.E.K.
AND SURVEY OR AREA

Sec. 20, T31N R11W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

14. NO. OF ACRES IN LEASE

2,512.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL

220 acres E/2 302.56

20. ROTARY OR CARLIS TOWLS

Rotary

22. APPROX. DATE WORK WILL START*

As soon as permitted

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

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

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

6 miles - Aztec, NM

15. DISTANCE FROM PROPOSED*

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

1370'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.) This action is subject to technical and
procedural review pursuant to 43 CFR 3160.3
and approval pursuant to 43 CFR 3160.4
PROPOSED CASING AND CEMENTING PROGRAM

6152' 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#

2930' (TD)

Notice of Staking was submitted: 6/13/90

Lease Description:

T31N-R11W:

Sec. 8: E/2

Sec. 9: All

Sec. 14: S/2 SE/4

Sec. 17: E/2

Sec. 20: Lots 1-6, N/2 NE/4, E/2

Sec. 21: Lots 1-6, All

Sec. 23: W/2 NE/4, E/2 NW/4, NE/4 SW/4, NW/4 SE/4

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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

(This space for Federal or State office use)

TITLE Sr. Staff Admin. Supv.

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMOCD

*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.

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
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INTERMEDIATE STRING

2930	5.5"	17#	K55 ST&C	cf Class B, 65:35:6 10% salt, .25% dispersant 13.1 ppg 118 cf Class B, 2% CaCl ₂ 15.6 ppg
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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

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

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

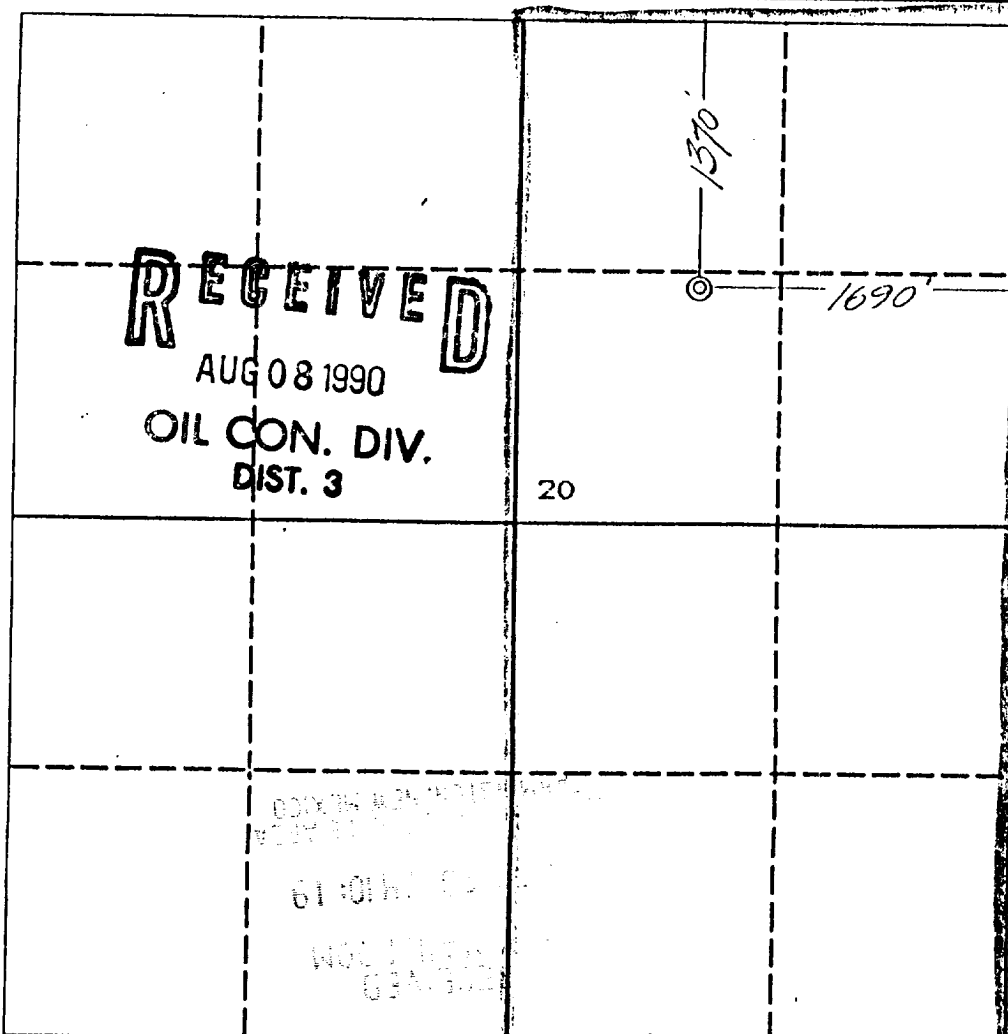
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY			Lease MUDGE /B/		Well No. # 64
Unit Letter G	Section 20	Township 31 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1370 feet from the NORTH line and 1690 feet from the EAST line					
Ground level Elev. 6152	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal Gas E/2		Dedicated Acreage: 309.56 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 *JL Hampton*
Printed Name **JL Hampton**
Position **Sr Staff Admin Sup**
Company **Amoco Prod**
Date **6-8-90**

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 31, 1990**

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

JUDGE /B/ # 64
570' F/NL 1690' F/EL
EC. 20, T31N, R11W, NMPM
AIL POINT: 149 miles - Montrose, Co
JD POINT: 6 miles - Aztec, NM
EMENT POINT: 20 miles - Farmington, NM

