

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-045-28525

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

MINER  
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

1178' FSL, 1091' FWL

At proposed prod. zone

same

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

19 miles northeast of Bloomfield NM.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1091'

18. DISTANCE FROM PROPOSED LOCATION\*

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

16. NO. OF ACRES IN LEASE

1,447.31

19. PROPOSED DEPTH

3193' TD

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

324.16 acres W/2

20. ROTARY OR CABLE TOOLS

Rotary

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

6286' GR

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and proposed casing and cementing program

22. APPROX. DATE WORK WILL START\*

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#	3193' (TD)	894 cf (cement to surface)

Notice of Staking was submitted: 4/26/89

MAR 04 1991.

Lease Description:

T29N-R8W, NMPM:

Sec. 1: Lots 3,4, S/2 NW/4, SW/4

Sec. 3: Lots 3,4, S/2 NW/4, SW/4

Sec. 12: E/2

Sec. 13: N/2 NE/4

T30N-R8W, NMPM:

Sec. 7: E/2 SW/4

Sec. 18: E/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/cub

TITLE Sr. Staff Admin. Supv.

DATE

2/25/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NMCO

MAR 01 1991  
John Steth  
AREA MANAGER

\*See Instructions On Reverse Side

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
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SURFACE CASING

250'	8-5/8"	24#	K55 ST&C	250 cf Class B, 2% CaCl <sub>2</sub> 15.6 ppg
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INTERMEDIATE STRING

3193	5.5"	17#	K55 ST&C	894 cf Class B, 65:35:6 10% salt, .25% dispersant 13.1 ppg 118 cf Class B, 2% CaCl <sub>2</sub> 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.

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-14  
Effective 1-4-85

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

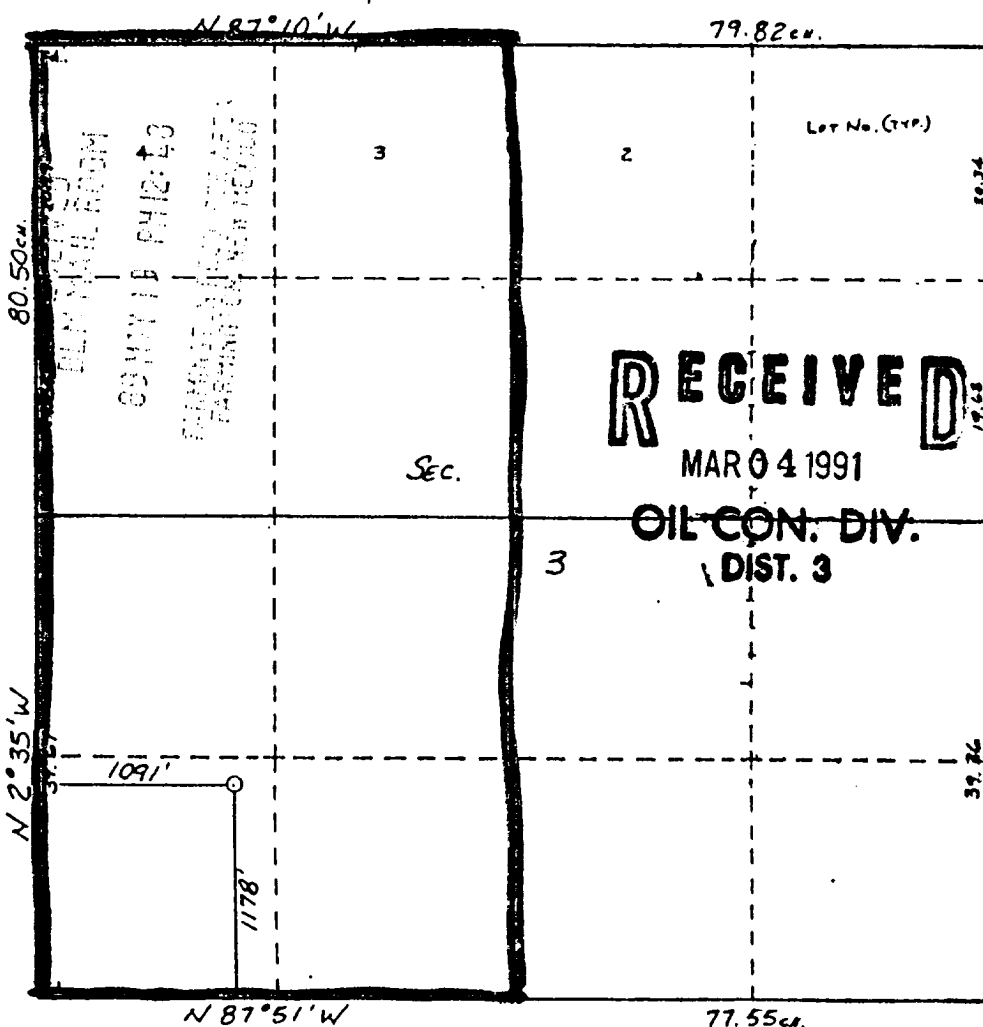
Operator <b>Amoco Prod. Co.</b> <del>TENNECO OIL COMPANY</del>		Lease <b>FLORANCE</b>		Well No. <b>14 #3</b>
Unit Letter <b>M</b>	Section <b>3</b>	Township <b>29 N</b>	Range <b>8 W</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <b>1178</b> feet from the <b>South</b> line and <b>1091</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6286</b>	Producing Formation <b>Fruitland</b>	Pool <b>Basin Fruitland Coal Gas</b>	Dedicated Acreage: <b>W/2 324.16</b> 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.



CERTIFICATION

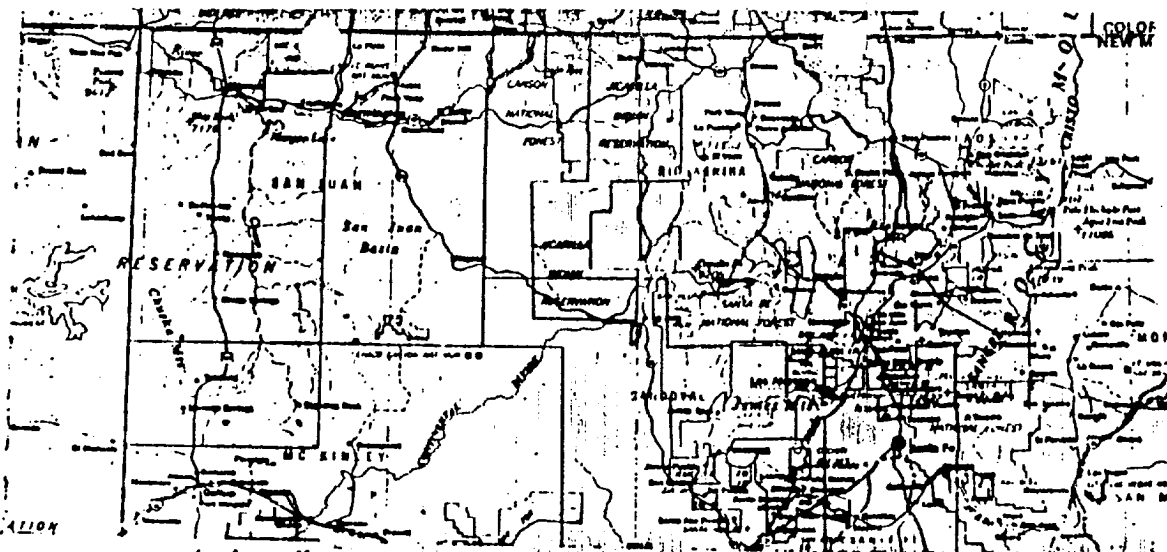
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*B. D. Shaw*

Name  
**B. D. Shaw**  
Position  
**Admin. Supv.**  
Company  
**Amoco Production**  
Date  
**4-26-89**

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  
**WILLIAM E. MAHNKE**  
Registered Professional Engineer  
and/or Land Surveyor  
Certificate No.  
**8466**



FLORANCE /T/ # 3  
 1178 FSL 1001 F/NL  
 SEC. 3, T29N, R30W, N40W  
 RAIL POINT: 141 miles from Montrose CO  
 MUD POINT: 58 miles from Aztec NM  
 CEMENT POINT: 38 miles from Farmington NM

EXHIBIT A

