

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

1a. TYPE OF WORK b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>	
2. NAME OF OPERATOR Amoco Production Company 778		Attention: Julie Acevedo			
3. ADDRESS AND TELEPHONE NO. P.O. Box 800, Denver, Colorado 80201					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 970' FSL, 1660' FEL At proposed prod. zone					
5. LEASE DESIGNATION AND SERIAL NO. NM-14923				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME				8. FARM OR LEASE NAME, WELL NO. Cynthia Federal A #1	
9. API WELL NO. 30-039-25534				10. FIELD AND POOL, OR WILDCAT Dana Mesa PC. ext. 74960	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 35 Township 28N Range 4W				12. COUNTY OR PARISH Rio Arriba San Juan	
13. STATE New Mexico				14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 64 miles from Aztec.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		16. NO. OF ACRES IN LEASE 640.00		17. NO. OF ACRES ASSIGNED TO THIS WELL 320 S/2 160 SE/4	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 8887' TD		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR., etc.) 7271' GL				22. APPROX. DATE WORK WILL START* As soon as possible	
23. PROPOSED CASING AND CEMENTING PROGRAM					
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12 1/4"	9 5/8" K-55	36#	400'	316 cf CL B (Cement to surface)	
8 3/4"	7" K-55	23#	4407'	1185 cf CL B (Cement to Surface)	
6 1/4"	4 1/2" N-80	11.6#	8887'-4307'	784 cf CL G	

Notice of Staking was submitted: 4/23/93

Lease Description: T28N-R4W  
All Section 35.

RECEIVED  
JUL 17 1995  
OIL CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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. SIGNED Julie Acevedo TITLE Sr. Staff Assistant DATE 05-03-1993

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

14000-104 For New Plate NMOCB

\*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.

APPROVED  
AS AMENDED  
JUL 14 1995  
DISTRICT MANAGER

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 <b>AMOCO PRODUCTION COMPANY 778</b>			Lease <b>Cynthia Federal A 17279</b>		Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>35</b>	Township <b>28 NORTH</b>	Range <b>4 WEST</b>		County <b>RIO ARriba</b>

Actual Footage Location of Well:

<b>970</b> feet from the <b>SOUTH</b> line and		<b>1660</b> feet from the <b>EAST</b> line	
Ground level Elev. <b>7271</b>	Producing Formation <b>Blanco Mesaverde</b>	Pool <b>Blanco Mesaverde 72319</b>	Dedicated Acreage: <b>320 S/2 Acres</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

*The must have  
a plat on  
the revised  
C-102 form.  
See copy  
attached.*

**RECEIVED**  
**JUL 17 1995**  
**OIL CON. DIV.**  
**DIST. 3**

OPERATOR CERTIFICATION

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

Signature

**Julie Acevedo**

Printed Name

**Sr. Staff Assistant**

Position

**Amoco Production Co.**

Company

**4/23/93**

Date

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

**April 13, 1993**

Signature & Seal of  
Professional Surveyor

**GARY D. VANN**  
**NEW MEXICO**  
**REGISTERED PROFESSIONAL LAND SURVEYOR**  
**7016**

Signature

Certificate No.

**7016**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Submit to Appropriate  
District Office  
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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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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 778

Lease  
Cynthia Federal A 12279

Well No.  
1

Unit Letter  
0

Section  
35

Township  
28 NORTH

Range  
4 WEST

County  
RIO ARriba

Actual Footage Location of Well:  
970 feet from the SOUTH line and 1660 feet from the EAST line

Ground level Elev.  
7271

Producing Formation  
Basin Dakota

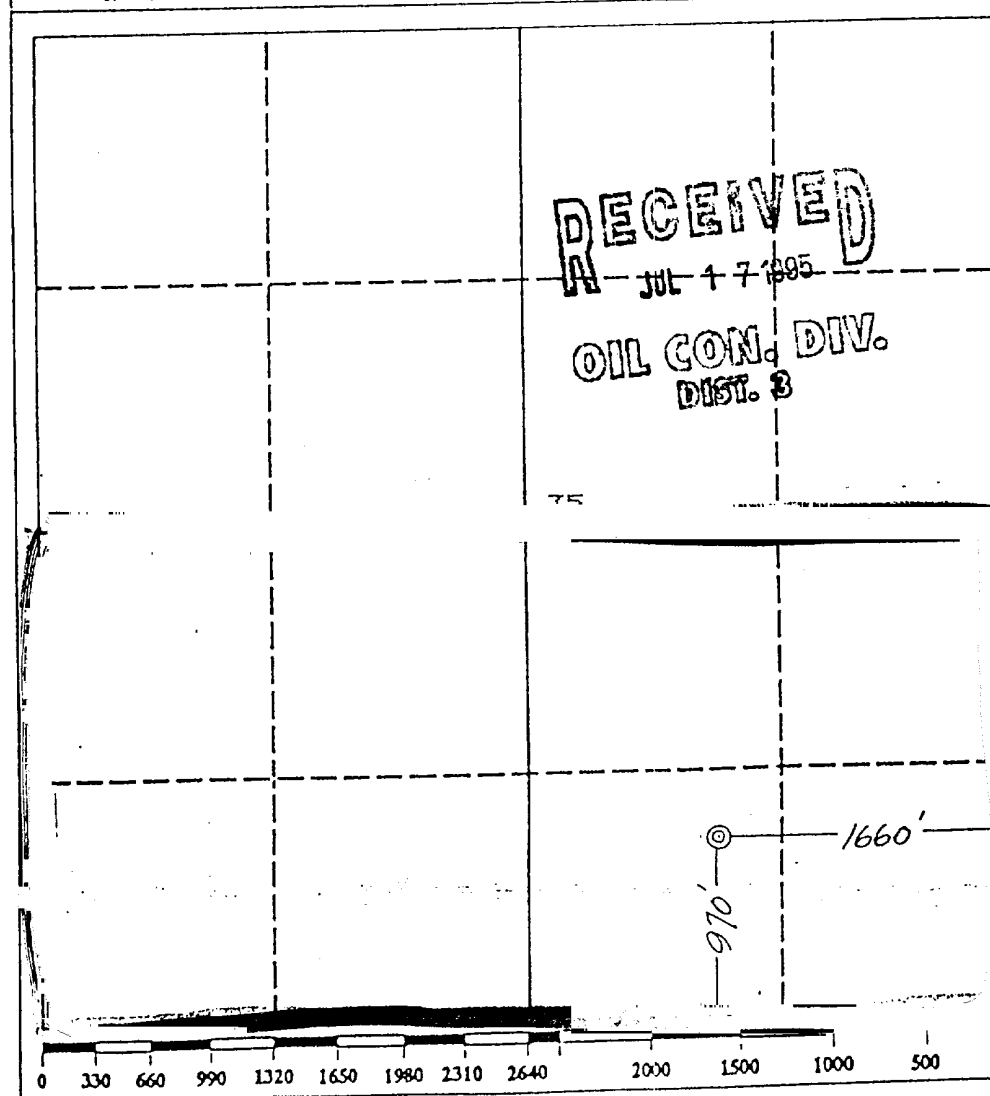
Pool  
Basin Dakota 71599

Dedicated Acreage:  
320 S/2 Acres

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OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  
Signature  
Julie Acevedo  
Printed Name  
Sr. Staff Assistant  
Position  
Amoco Production Co.  
Company  
4/23/93  
Date

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  
April 13, 1993  
Signature & Seal of Professional Surveyor  
Gary D. Vann  
7016  
Certification  
7016  
Professional Land Surveyor

Submit to Appropriate  
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Energy, Minerals and Natural Resources Department

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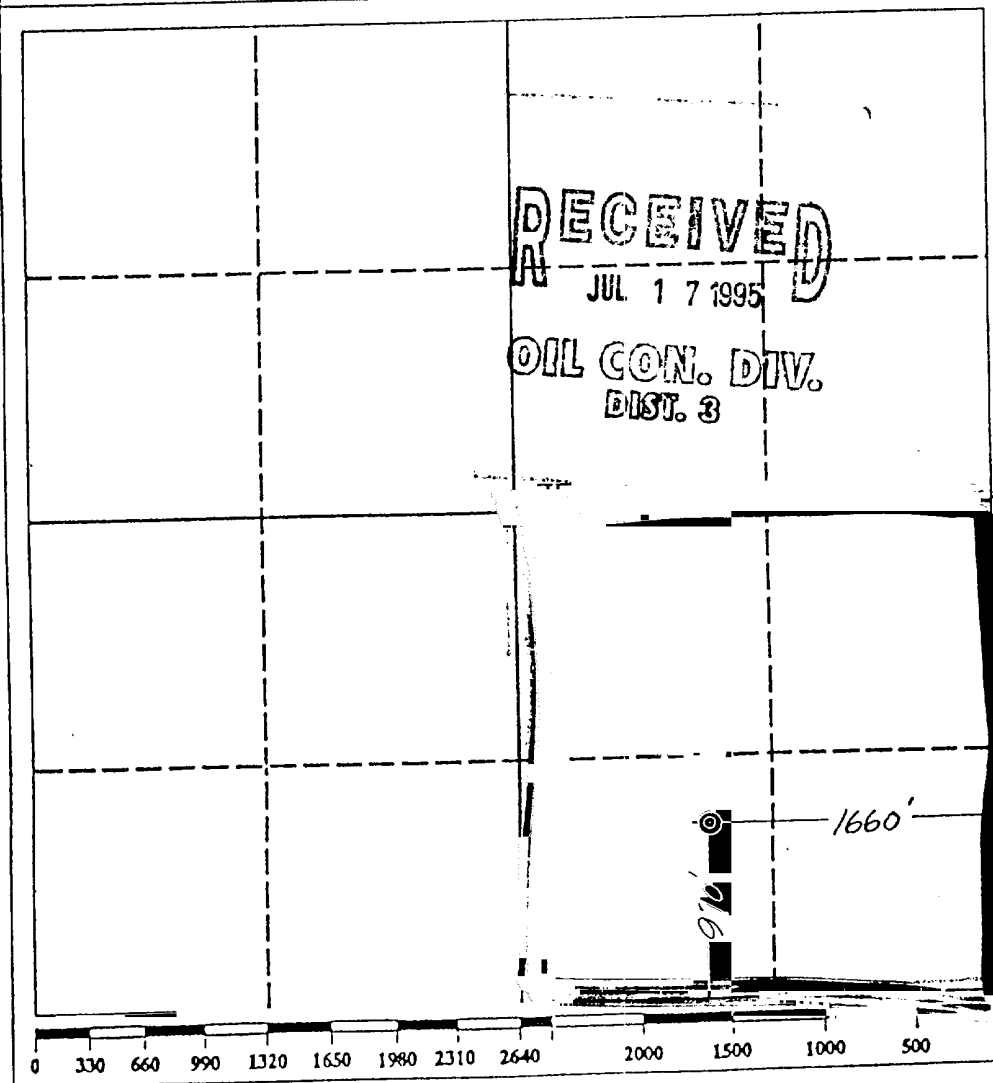
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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>AMOCO PRODUCTION COMPANY 778</b>			Lease <b>Cynthia Federal A 17279</b>		Well No. <b>1</b>
Unit Letter <b>0</b>	Section <b>35</b>	Township <b>28 NORTH</b>	Range <b>4 WEST</b>		County <b>RIO ARriba</b>
Actual Footage Location of Well: <b>970</b> feet from the <b>SOUTH</b> line and <b>1660</b> feet from the <b>EAST</b> line					
Ground level Elev. <b>7271</b>	Producing Formation <b>Choza Mesa PC Ext.</b>		Pool <b>Choza Mesa PC Extension</b>		Dedicated Acreage: <b>160 SE/4.cres</b>

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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Signature  
**Julie Acevedo**  
Printed Name  
**Sr. Staff Assistant**  
Position  
**Amoco Production Co.**  
Company  
**4/23/93**  
Date

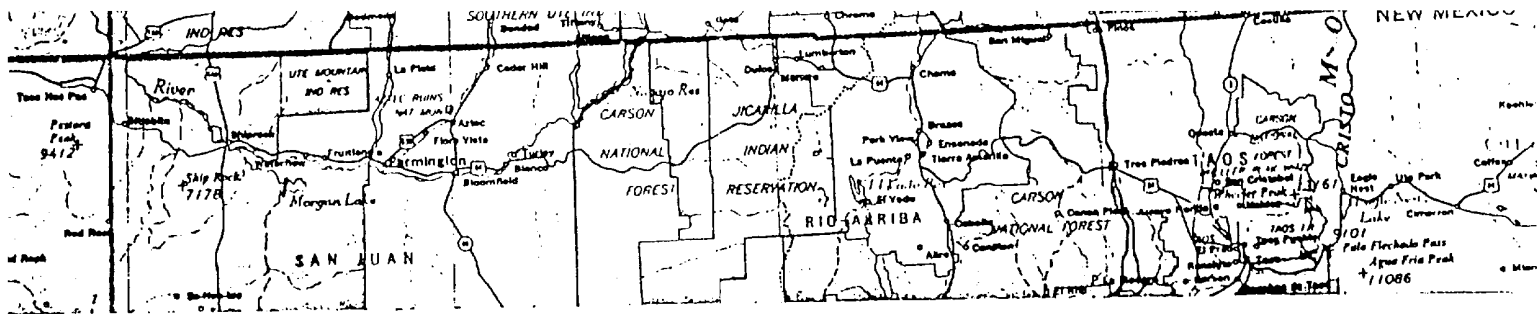
SURVEYOR CERTIFICATION

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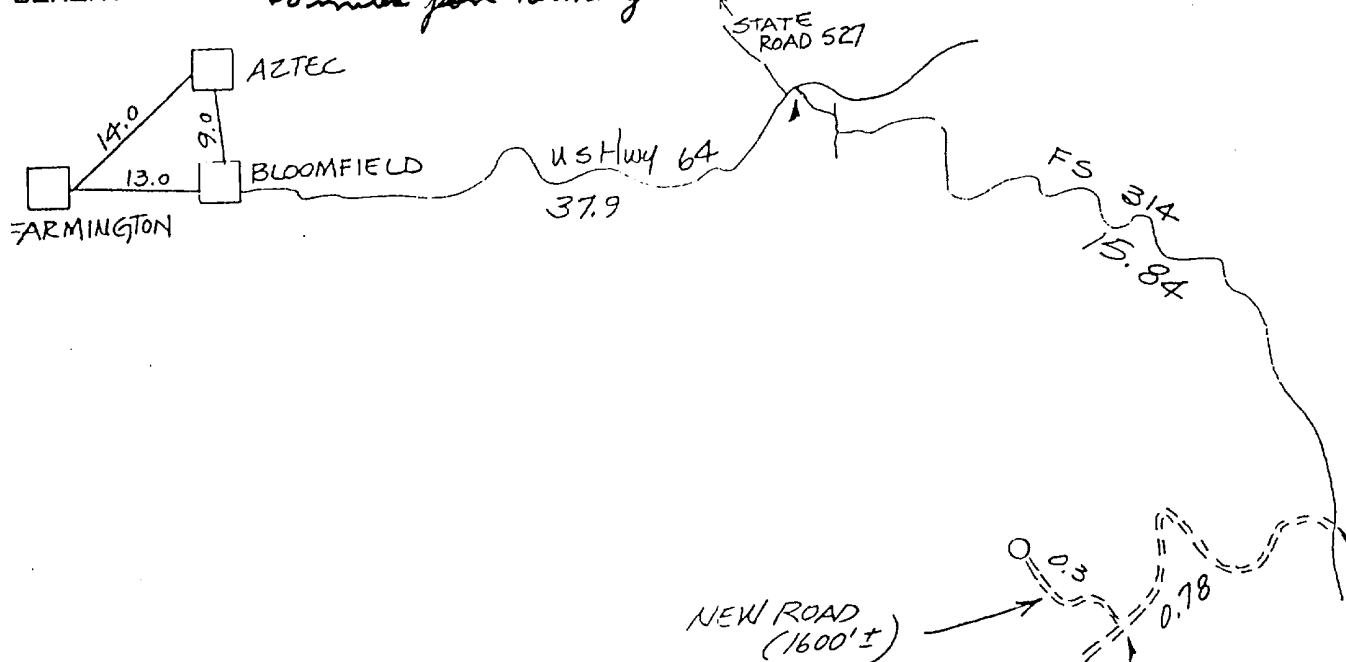
Date Surveyed  
**April 13, 1993**

Signature & Seal of  
Professional Surveyor

**GARY D. VANN**  
NEW MEXICO  
REGISTERED  
7016  
Vann  
Certified  
7016  
PROFESSIONAL LAND SURVEYOR



970' F/SL      1660' F/EL  
 SEC. 35, T28N, R4W, NMPM  
 RIO ARRIBA COUNTY, NM  
 RAIL POINT: 207 miles from Montrose, Co.  
 MUD POINT: 64 miles from Aztec  
 CEMENT POINT: 68 miles from Farmington



100-100-100  
 100-100-100  
 100-100-100

