

11C 903 2-28-95



February 7, 1995

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P.O. Box 6429  
Santa Fe, NM 87505

Southern

Rockies

Business

Unit

**Application for Exception to Rule 303-A**  
**Surface Commingling**  
**Florance #107 Well**  
**1525' FNL, 890' FWL, Section 8-T30N-R9W**  
**Blanco Fruitland Sand, Blanco Pictured Cliffs Pools**  
**San Juan County, New Mexico**

Amoco Production Company hereby requests administrative approval to surface commingle production from the Blanco Fruitland Sand and Blanco Pictured Cliffs Pools in the Florance #107 well referenced above. The well currently is completed as a dual well with recent production of 23 mcf/d from the Fruitland Sand and 20 mcf/d from the Pictured Cliffs. Neither of these formations produce significant volumes of condensate. Based on this we propose an allocation factor of 53% Fruitland Sand and 47% Pictured Cliffs for both gas and condensate.

The ownership (WI, RI ORRI) of these pools is identical in this wellbore. Surface commingling will offer an economical method of production using a single train of production equipment for both zones. The actual commercial value of the commingled production will not be less than the sum of the values of the production from each of the common sources of supply.

Attached to aid in your review are plats showing the location and acreage dedicated to the well, historical production plots, and a schematic of the proposed commingling installation. This spacing unit is on a federal lease SF-078129-A. A copy of the application will be sent to the BLM requesting their consent for the surface commingling.

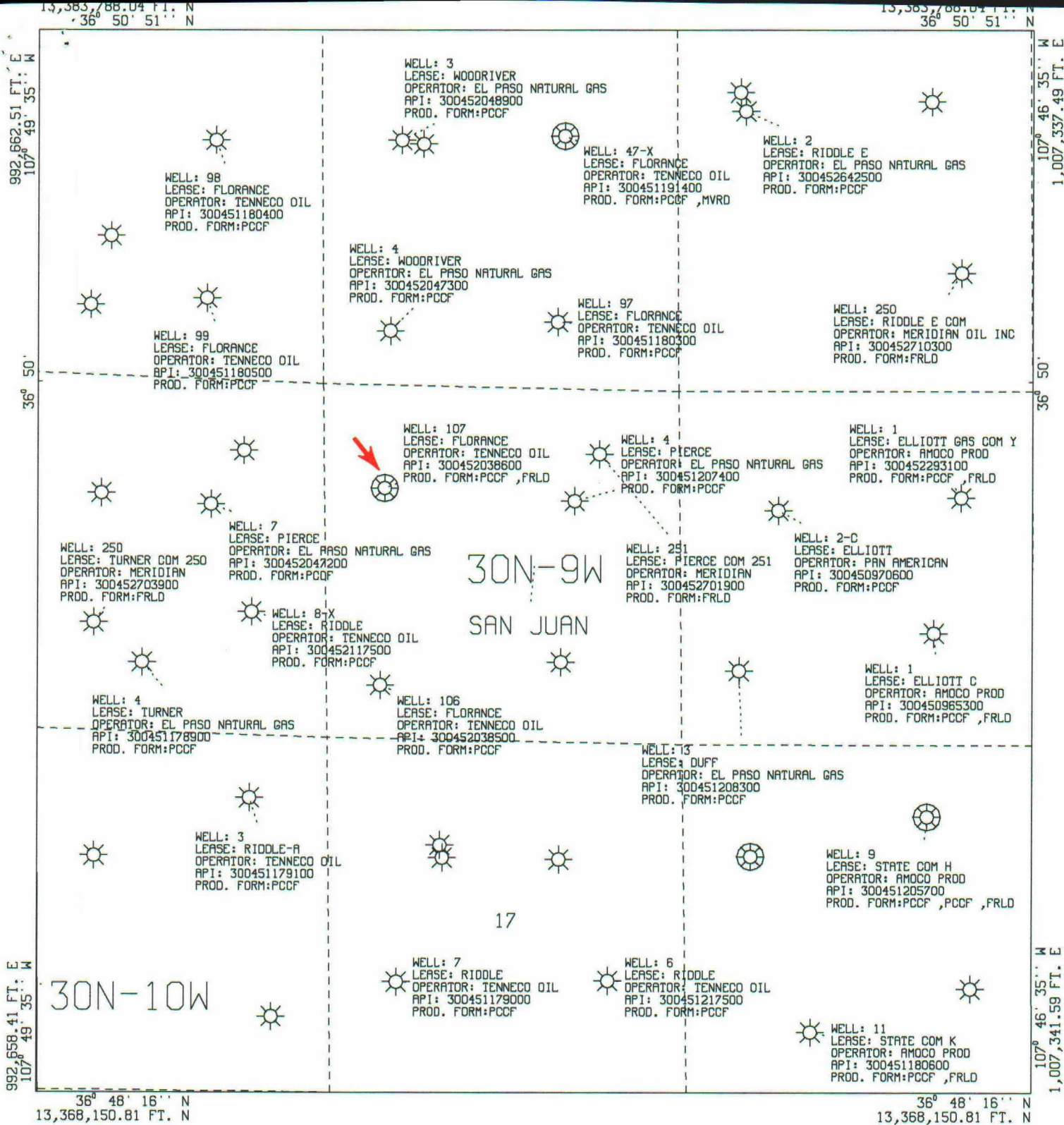
Sincerely,

A handwritten signature in cursive script that reads "J. W. Hawkins".  
J. W. Hawkins

cc: Robert DeHerrera  
Wayne Branam

Frank Chavez, Supervisor  
Amoco District III  
1000 Rio Brazos Road  
Aztec, NM 87410

Duane Spencer  
Bureau of Land Management  
1235 La Plata Hwy  
Farmington, NM 87401



All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

AMOCO PRODUCTION COMPANY  
PLAT MAP  
FLORANCE NUMBER 107  
FRUITLAND AND PICTURED CLIFFS OFFSET WELLS  
SCALE 1 IN. = 2,000 FT. JAN 9, 1995

All distances must be from the outer boundaries of the Section

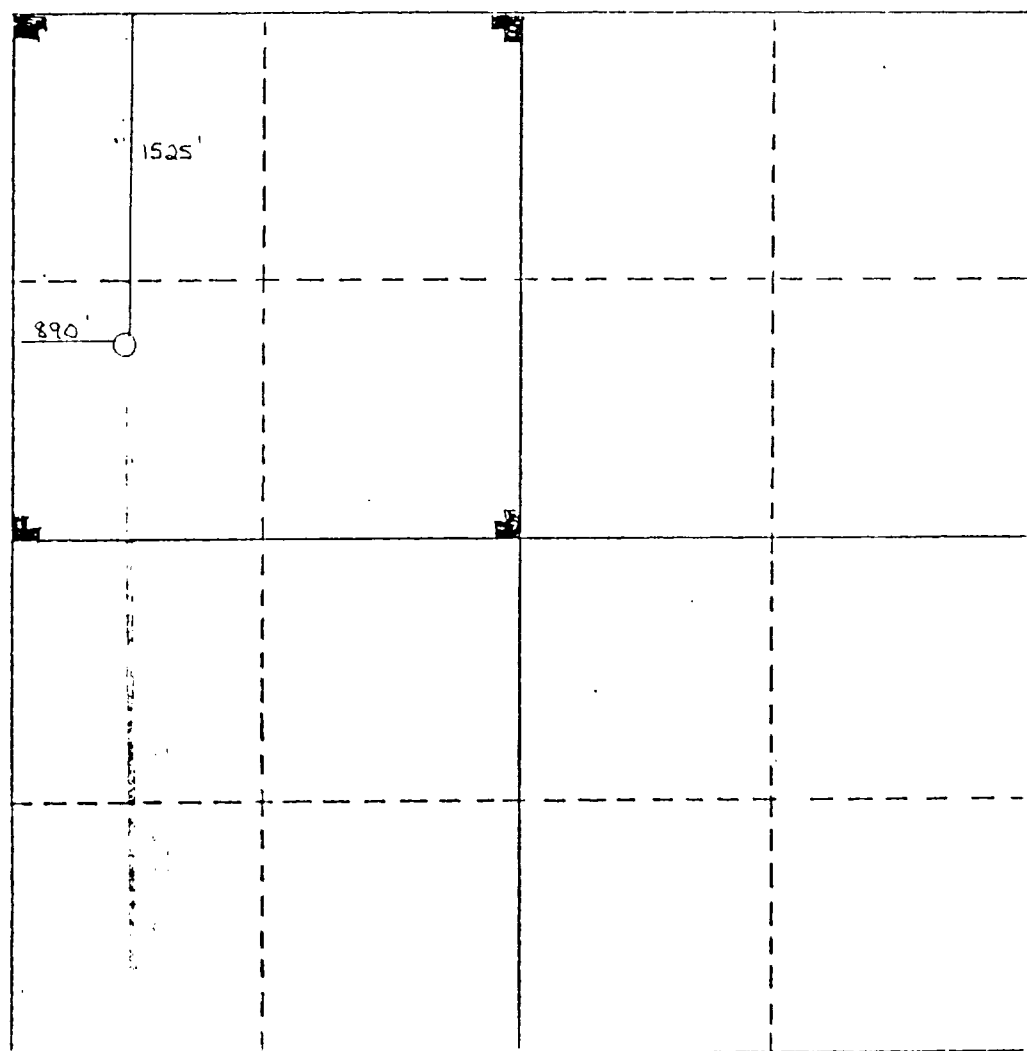
|  |   |                                      |                          |   |                        |
|--|---|--------------------------------------|--------------------------|---|------------------------|
| Operator<br><b>Amoco Production</b>      |   |                                      | Lease<br><b>Elorence</b> |   | Well No.<br><b>107</b> |
| Unit Letter<br><b>E</b>                  | Section<br><b>8</b>                     | Township<br><b>30N</b>               | Range<br><b>9W</b>       | County<br><b>San Juan</b>                 |                        |
| Actual Footage Location of Well:         |   |                                      |                          |   |                        |
| 1525 feet from the <b>North</b> line and |   | 890 feet from the <b>West</b> line   |                          |   |                        |
| Ground Level Elev.<br><b>6312'</b>       | Producing Formation<br><b>Fruitland</b> | Pool<br><b>Blanco Fruitland Sand</b> |                          | Dedicated Acreage<br><b>160 NW/4 Area</b> |                        |

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 Division.



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

**Adm. Supr.**

Company

**Amoco**

Date

**3-3-89**

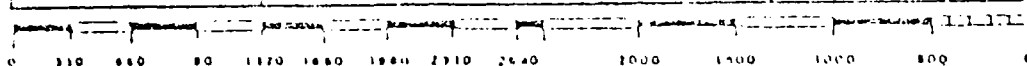
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.


**On file**

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.



|     |     |  |  |  |   |
|-----|-----|--|--|--|---|
| 16  | VZ5 |  |  |  |   |
| 890 |     |  |  |  | <div> <div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div>  </div> <div>Signature</div> <div>A WAYNE BRANNAM</div> <div>Printed Name</div> <div>BUSINESS ANALYST</div> <div>Title</div> <div>01 09 95</div> <div>Date</div> </div> |
|     |     |  |  |  | <div> <div>18 SURVEYOR CERTIFICATION</div> <div>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 belief.</div> <div>ON FILE</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div> <div>Certificate Number</div> </div>                               |

# FLORANCE 107

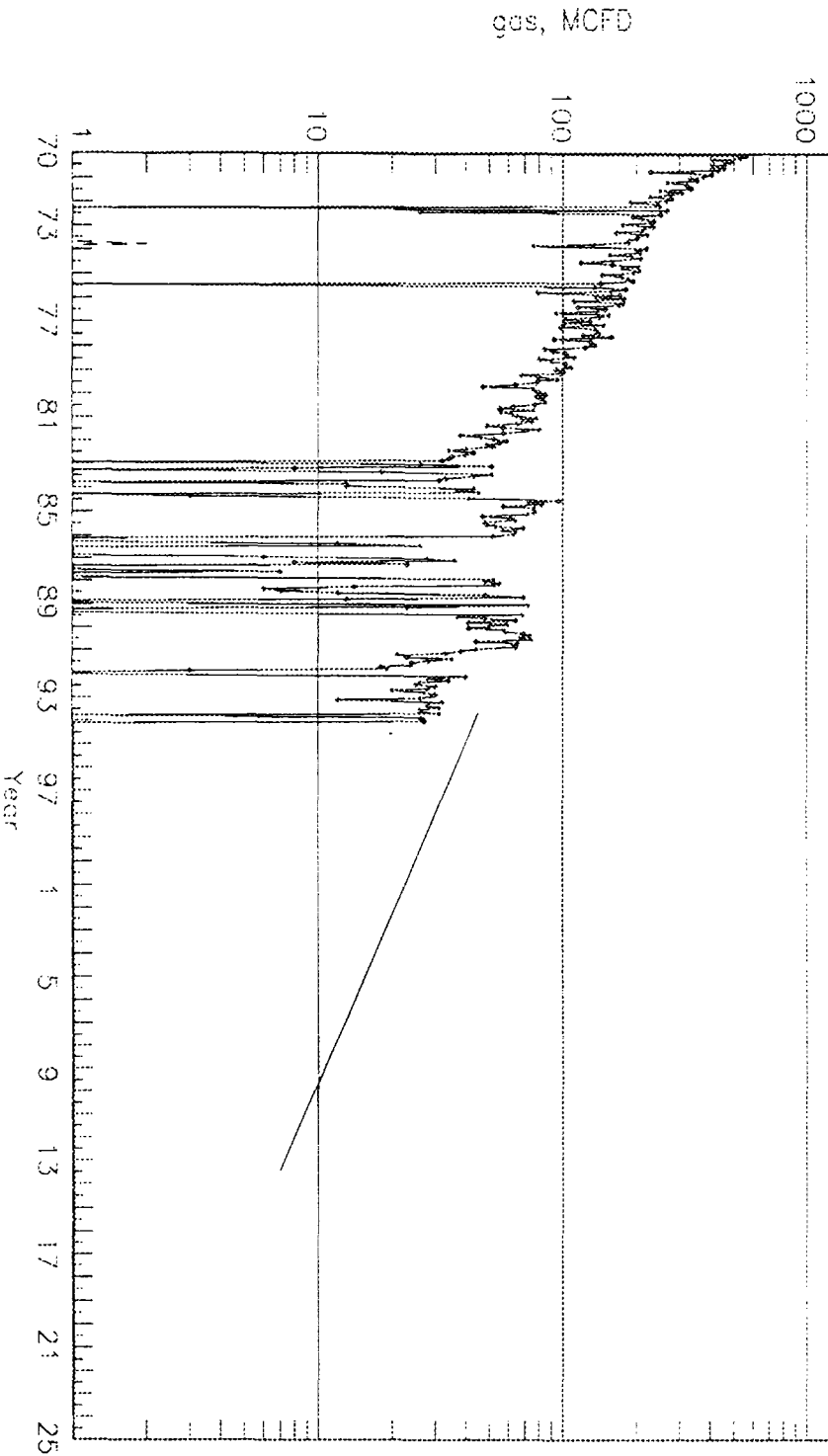
Operator - AMOCO PRODUCTION CO

Engr: zmj47

300452038600PC E083009-107 PC

APC\_WI - 0.50000000

|         |   |         |
|---------|---|---------|
| CumG_70 | - | 139537  |
| CumO_70 | - | 326     |
| CumGAS  | - | 1001498 |
| CumOIL  | - | 471     |



|           |         |          |
|-----------|---------|----------|
| DCLN      | 0.0940  | Reserves |
| CurQ      | NA      |          |
| RemRes    | 139678  |          |
| EUR       | 1141176 |          |
| File date | NA      |          |

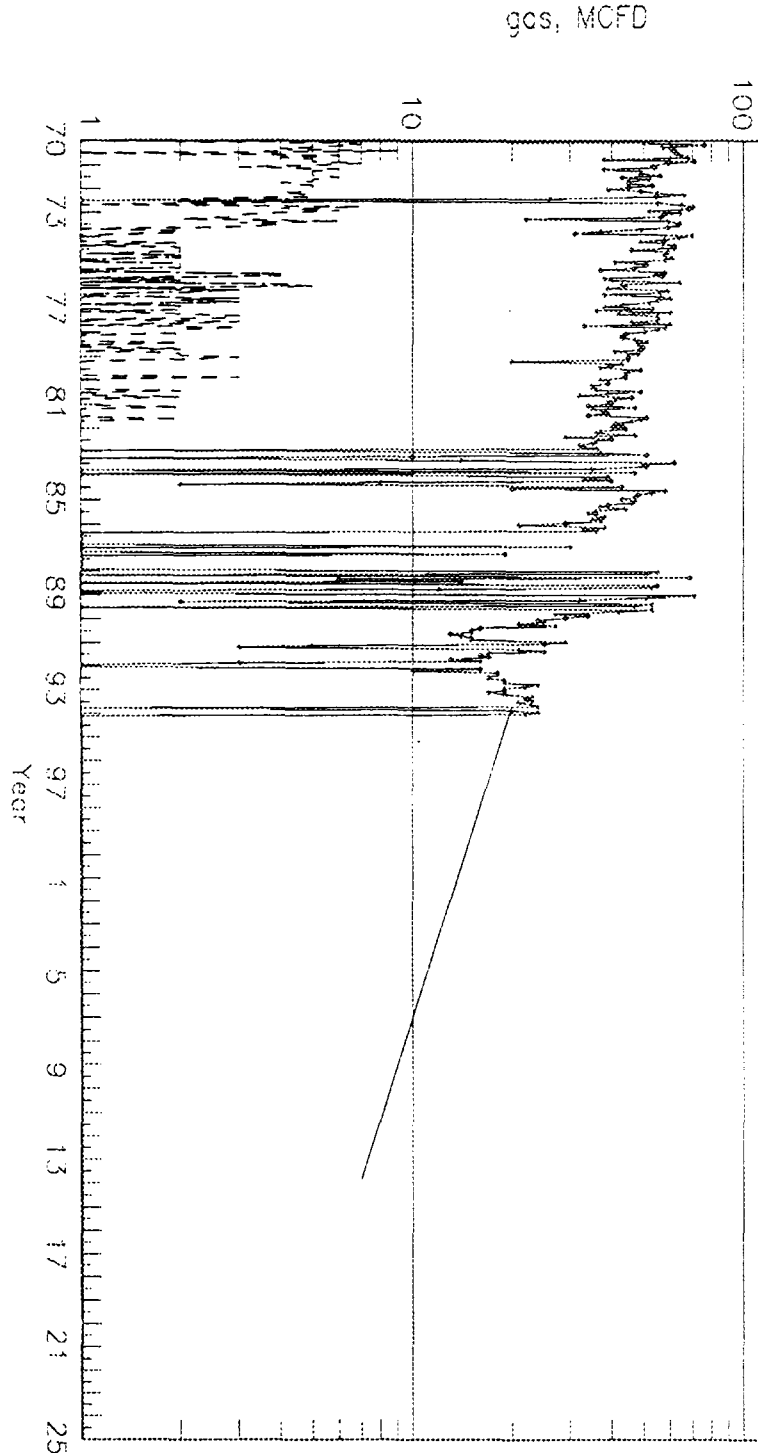
FLORENCE 107

Engr: zmjm47

300452038600FT      E083009-107 FT      APC\_WI -      0.50000000

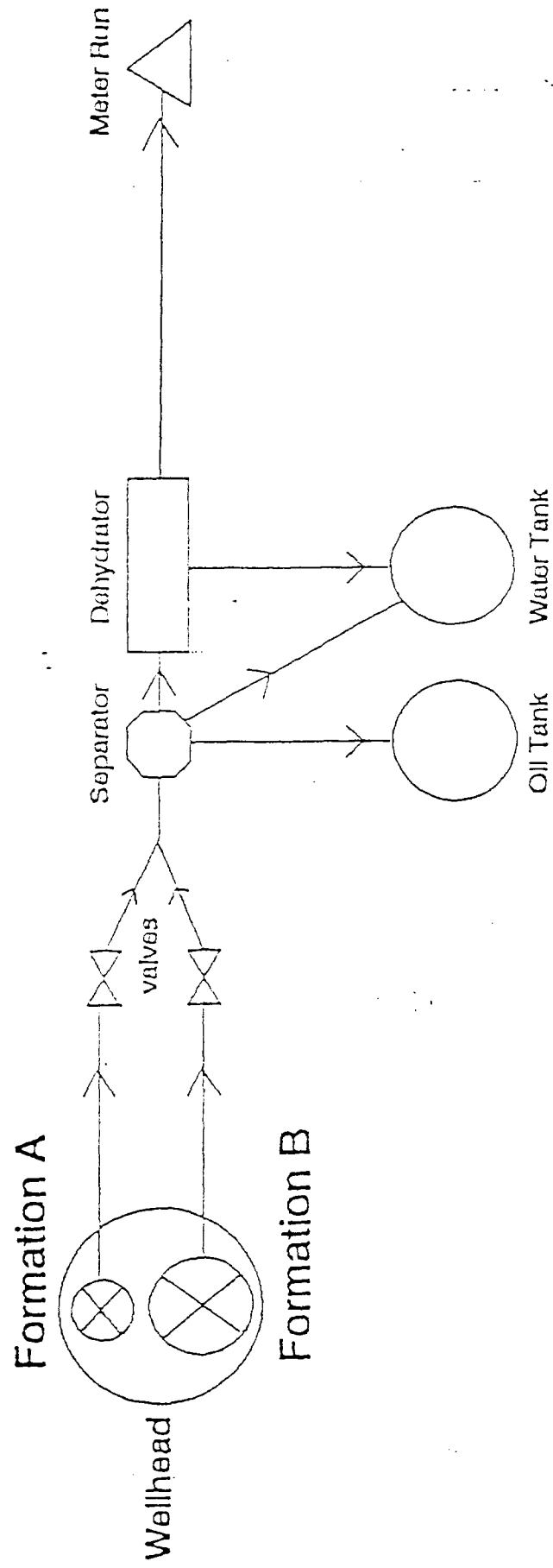
Operator - AMOCO PRODUCTION CO

CumG\_70 -      20946  
CumO\_70 -      547  
CumGAS -      337290  
CumOIL -      12054



|          |        |          |
|----------|--------|----------|
| DCLN     | 0.0520 | Reserves |
| CurrQ    | NA     |          |
| RemRes   | 87878  |          |
| EUR      | 425168 |          |
| Fit_date | NA     |          |

# SURFACE COMMINGLE LOCATION DIAGRAM



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

SF078129A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FLORANCE #107

9. API Well No.

3004520386

10. Field and Pool, or Exploratory Area

BLANCO PC/ BLANCO FT SAND

11. County or Parish, State

SAN JUAN NM

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Attention:

AMOCO PRODUCTION COMPANY

WAYNE BRANAM, RM 1220

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1525 FNL 890 FWL Sec. 8 T 30N R 9W UNIT E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other SURFACE COMMINGLE

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

AMOCO IS APPLYING TO THE NEW MEXICO OIL CONSERVATION DIVISION TO SURFACE COMMINGLE THE EXISTING FRUITLAND AND PICTURED CLIFFS FORMATIONS IN THIS WELL.

RECEIVED  
JAN 23 1995  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

Title

BUSINESS ANALYST

Date

01-09-1995

(This space for Federal or State office use)

Approved by

Title

ACCEPTED FOR RECORD

Conditions of approval, if any:

JAN 19 1995

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.



District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |   |  |
|----------------------------|---|--|
| APN Number<br>30 045 20386 | Pool Code<br>72359                        | Pool Name<br>Blanco Pictured Cliff (Gas) |
| Property Code<br>000518    | Property Name<br>FLORANCE                 | Well Number<br>107                       |
| GRID No.<br>000778         | Operator Name<br>Amoco Production Company | Elevation<br>6312                        |

10 Surface Location

|                    |              |                 |             |         |                       |                         |                      |                       |                    |
|--------------------|--------------|-----------------|-------------|---------|-----------------------|-------------------------|----------------------|-----------------------|--------------------|
| UL or lot no.<br>E | Section<br>8 | Township<br>30N | Range<br>9W | Lot Idn | Feet from the<br>1525 | North/South line<br>FNL | Feet from the<br>890 | East/West line<br>FWL | County<br>SAN JUAN |
|--------------------|--------------|-----------------|-------------|---------|-----------------------|-------------------------|----------------------|-----------------------|--------------------|

11 Bottom Hole Location If Different From Surface

|               |         |          |       |         |               |                  |               |                |        |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

|                        |                      |                    |           |
|------------------------|----------------------|--------------------|-----------|
| Dedicated Acres<br>160 | Joint or Infill<br>N | Consolidation Code | Order No. |
|------------------------|----------------------|--------------------|-----------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|            |  |  |  |  |  |   |
|------------|--|--|--|--|--|---|
| 16<br>1525 |  |  |  |  |  | 17 OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief<br><br>Signature<br>A. WAYNE BRANAM<br>Printed Name<br>BUSINESS ANALYST<br>Title<br>01 09 95<br>Date  |
| 890        |  |  |  |  |  | 18 SURVEYOR CERTIFICATION<br>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 belief.<br><br>On File<br>Date of Survey<br>Signature and Seal of Professional Surveyor:<br><br>Certificate Number |
|            |  |  |  |  |  |   |
|            |  |  |  |  |  |   |
|            |  |  |  |  |  |   |

RECEIVED  
JAN 23 1995  
OIL CON. DIV.  
DIST. 3

All distances must be from the outer boundaries of the Section

|                                  |                     |                        |                          |                           |  |                        |
|----------------------------------|---------------------|------------------------|--------------------------|---------------------------|--|------------------------|
| Owner<br><b>Amoco Production</b> |                     |                        | Lease<br><b>Elorence</b> |                           |  | Well No.<br><b>107</b> |
| Letter<br><b>E</b>               | Section<br><b>8</b> | Township<br><b>30N</b> | Range<br><b>9W</b>       | County<br><b>San Juan</b> |  |                        |

and Level Elev. Location of Well:

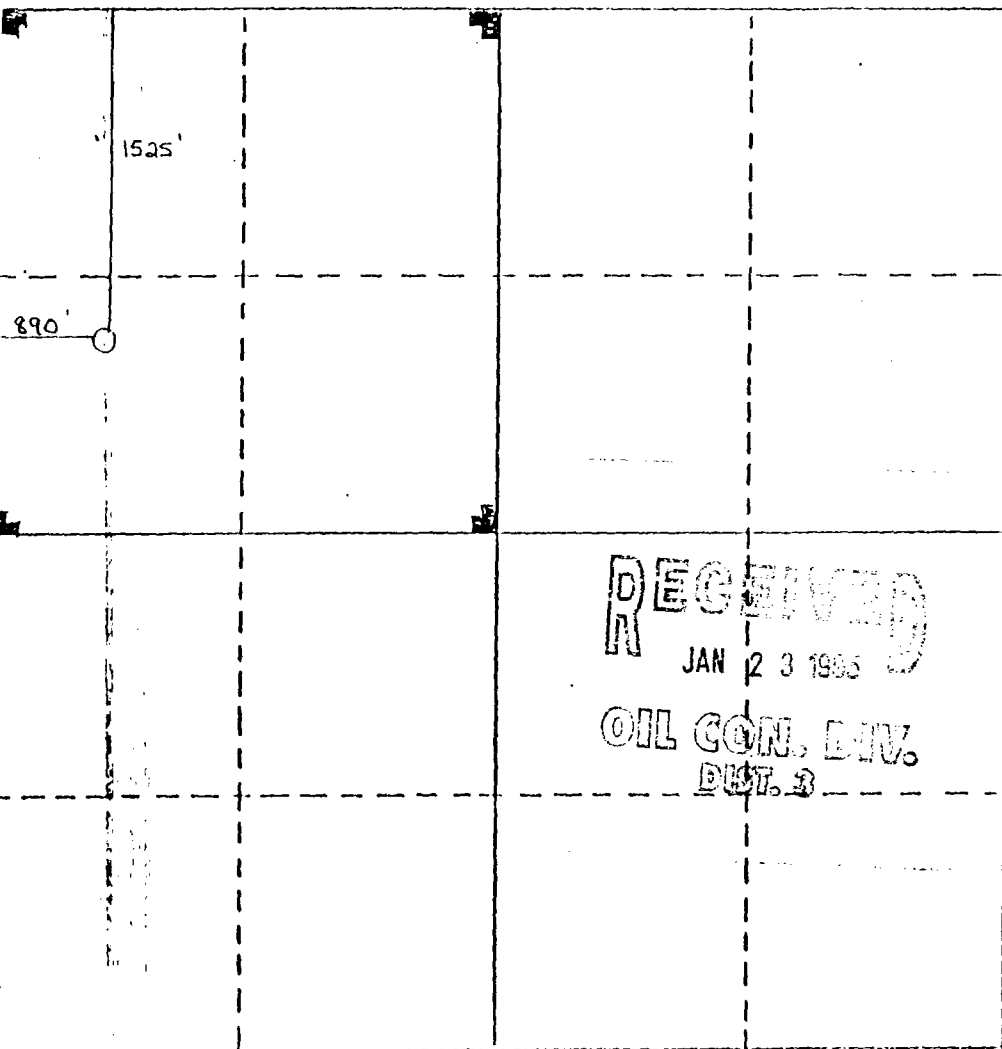
|               |   |                                      |  |
|---------------|---|--------------------------------------|--|
| <b>1525</b>   | feet from the <b>North</b> line and     | <b>890</b>                           | feet from the <b>West</b> line             |
| <b>16312'</b> | Producing Formation<br><b>Fruitland</b> | Pool<br><b>Blanco Fruitland Sand</b> | Dedicated Acreage<br><b>160 NW/4 Acres</b> |

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*B.D. Shaw*

Name

*B.D. Shaw*

Position

*Adm. Supv.*

Company

*Amoco*

Date

*3-3-89*

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.

*On file*

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



STATE OF NEW MEXICO

ENERGY, MINERALS and NATURAL RESOURCES DIVISION

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

Date:

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

RE: Proposed MC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed NSP \_\_\_\_\_

Proposed DHC \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed PMX \_\_\_\_\_  
Proposed DD \_\_\_\_\_

Gentlemen:

I have examined the application received on 2/10/95  
for the Amor Fluorance #107  
OPERATOR LEASE & WELL NO.

E-8-30 N-9W and my recommendations are as follows:  
UL-S-T-R

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

31.8