



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

April 13, 1998

RECEIVED  
APR 21 1998

OIL CON. DIV.  
DIST. 3

Conoco, Inc.  
10 Desta Drive - Suite 100W  
Midland, Texas 79705-4500  
Attention: Kay Maddox

*Administrative Order NSL-3998*

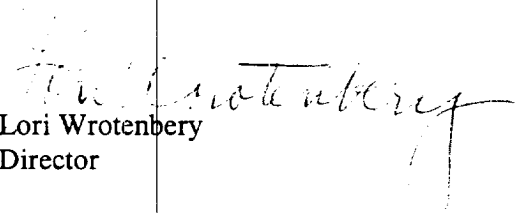
Dear Ms. Maddox:

Reference is made to your application dated March 17, 1998 and to the records of the Division in Santa Fe concerning Conoco Inc.'s request for a non-standard Blanco-Mesaverde gas well location for the existing Jicarilla "22" Well No. 6 (API No. 30-039-20442), located 830 feet from the North line and 670 feet from the East line (Unit A) of Section 22, Township 25 North, Range 4 West, NMPM, Blanco-Mesaverde Pool, Rio Arriba County, New Mexico. This well was initially drilled in 1971 to a total depth of 7,990 feet and completed in the West Lindrith Gallup-Dakota Oil Pool at a standard oil well location within a standard 160-acre oil spacing and proration unit for said interval comprising the NE/4 of said Section 22.

It is our understanding that the Blanco-Mesaverde Pool will be perforated and said well will be recompleted such that production from both intervals will be commingled downhole. Pursuant to the "General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Blanco-Mesaverde Pool," as promulgated by Division Order No. R-8170, as amended, said location is considered to be unorthodox. Further, the E/2 of said Section 22 is to be dedicated to the Blanco-Mesaverde Pool thereby forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 2(d) of said special pool rules, the above-described unorthodox gas well location is hereby approved.

Sincerely,

  
Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec /  
U. S. Bureau of Land Management - Farmington  
U. S. Bureau of Land Management - Albuquerque  
W. Thomas Kellahin, Counsel - Santa Fe  
Jimmy D. Carlile, Conoco, Inc. - Midland, Texas



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

March 17, 1998

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 Pacheco  
Santa Fe, New Mexico 87504

RECEIVED  
MAR 23 1998

RE: Application for Non-Standard Location  
Jicarilla 22 #6  
API # 30-039-20442

OIL CON. DIV.  
DIST. 3

Dear Mr. Stogner,

The proposed recompletion of this well in the Mesaverde requires a non-standard location order. This well is located in Section 22, T-25-N, R-4-W, A, Rio Arriba County, New Mexico. The well is currently producing from the Lindrith West Gallup/Dakota pool. The Blanco Mesaverde pool rules require a standard location to be 790' from the Section line. This well is located 670' FEL & 830' FNL. We are requesting a non-standard location order be given for the Mesaverde.

As shown on the attached production plot for completions nearest to the Jicarilla 22 #6, estimated recoveries and initial production rates from wells completed in the Mesaverde formation are insufficient to justify drilling stand alone wells. Utilization of the Jicarilla 22 #6 will prevent economic waste by allowing access to the Mesaverde in an existing wellbore. Note that this location is standard as regards to the current Jicarilla 22 #6 completion in the Lindrith West Gallup/Dakota Pool. An application to downhole commingle production utilizing the subtraction allocation method has been filed.

The offset operator plat shows that M&W Petroleum is the only offset operator that could be affected by this non-standard location. Please find enclosed evidence that they have been notified.

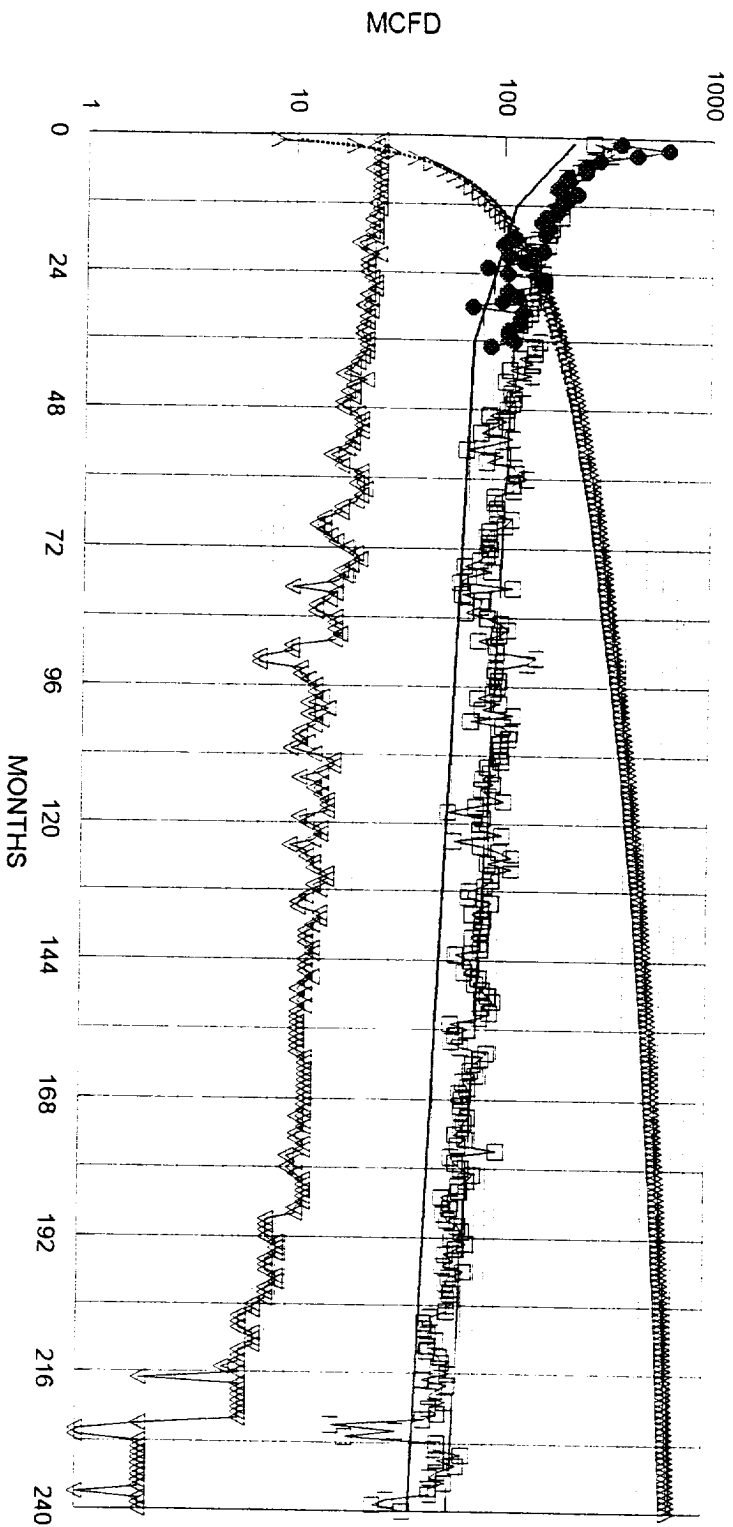
A non-standard location order is requested based on the reasons given in the preceding paragraph. If there are further questions concerning this application please call me at (915) 686-5798.

Sincerely,

Kay Maddox  
Regulatory Agent/ Conoco, Inc.

KM/  
cc: Oil Conservation Division - Aztec

**25N 4W NORMALIZED MESAVERDE PRODUCTION**  
**25 WELLS SINCE 1975; AXI APACHE M.N.O AND OLD JICARILLA LEASES**



— FIT MCFD      □ NORMALIZED MCFD      ▲ NORM CUM MMCF      ▼ WELLS ON PRODUCTIO  
 — FIT CUM MMCF      — RISKED MCFD      ● AXI MGA

| NORMALIZED AVG:          |                             | RISKED AVG:              |                               |
|--------------------------|-----------------------------|--------------------------|-------------------------------|
| 1138 MMCF EUR            | 350 MCFD IP                 | 668 MMCF EUR             | 35% RISK                      |
| 718 MMCF IN 20 YRS       | 50% DECLINE, 1ST 12 MONTHS  | 467 MMCF IN 20 YR        | 228 MCFD IP                   |
| 20 MCFD E.L.             | 20% DECLINE, NEXT 24 MONTHS | 20 MCFD E.L.             | 50.0% DECLINE, 1ST 12 MONTHS  |
| 0.0084 bbl/mcf oil yield | 3.5% FINAL DECLINE          | 0.0084 bbl/mcf oil yield | 20.0% DECLINE, NEXT 24 MONTHS |
|                          |                             |                          | 3.5% FINAL DECLINE            |

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

|                            |  |   |  |                                 |                         |
|----------------------------|--|---|--|---------------------------------|-------------------------|
| API Number<br>30-039-20442 |  | 2 Pool Code<br>72319  |  | 3 Pool Name<br>Blanco Mesaverde |                         |
| 4 Property Code<br>003203  |  | 5 Property Name<br>Jicarilla 22   |  |                                 | 6 Well Number<br>#6     |
| 7 OGRID No.<br>005073      |  | 8 Operator Name<br>Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 |  |                                 | 9 Elevation<br>7112' GL |

10 Surface Location

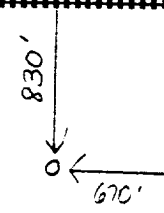
|           |         |          |       |         |               |                  |               |                |            |
|-----------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| UL and/or | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
| A         | 22      | 25N      | 4W    |         | 830           | North            | 670           | East           | Rio Arriba |

11 Bottom Hole Location If Different From Surface

|           |         |          |       |         |               |                  |               |                |        |
|-----------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL and/or | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|           |         |          |       |         |               |                  |               |                |        |

|                           |                    |                       |              |
|---------------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres<br>320 | 13 Joint or Infill | 14 Consolidation Code | 15 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

|  |   |  |
|--|---|--|
|  | <b>17 OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   |  |
|  | Signature<br>Kay Maddox   |  |
|  | Printed Name<br>Regulatory Agent  |  |
|  | Title   |  |
|  | Date  |  |
|  | <b>18 SURVEYOR CERTIFICATION</b><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. |  |
|  | Date of Survey  |  |
|  | Signature and Seal of Professional Surveyor   |  |
|  | Certificate Number  |  |

**N. MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-10  
Supersede O-124  
Effective 4-65

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

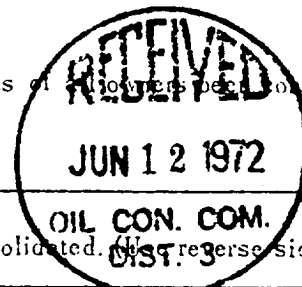
|  |   |                             |  |                                       |                      |
|--|---|-----------------------------|--|---------------------------------------|----------------------|
| Operator<br><b>Continental Oil Company</b> |   |                             | Lease<br><b>Jicarilla 22</b>               |                                       | Well No.<br><b>6</b> |
| Grid Letter<br><b>A</b>                    | Section<br><b>22</b>                      | Township<br><b>25 North</b> | Range<br><b>4 West</b>                     | County<br><b>Rio Arriba</b>           |                      |
| Actual Strategic Location of Well          |   |                             |  |                                       |                      |
| <b>830</b>                                 | feet from the                             | <b>North</b>                | <b>670</b>                                 | feet from the                         | <b>East</b>          |
| Ground Level Elev.<br><b>7112'</b>         | Forming Formation<br><b>Gallup-Dakota</b> |                             | Pool<br><b>West Lindrith Gallup-Dakota</b> | Dedicated Acreage<br><b>160</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 the 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.



|  |  |  |  |  |  |
|--|--|--|--|--|--|
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|  |  |  |  |  |  |

**CERTIFICATION**

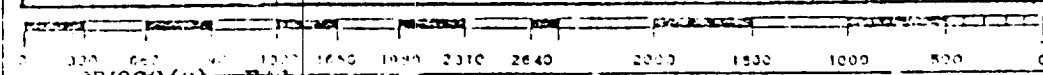
*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

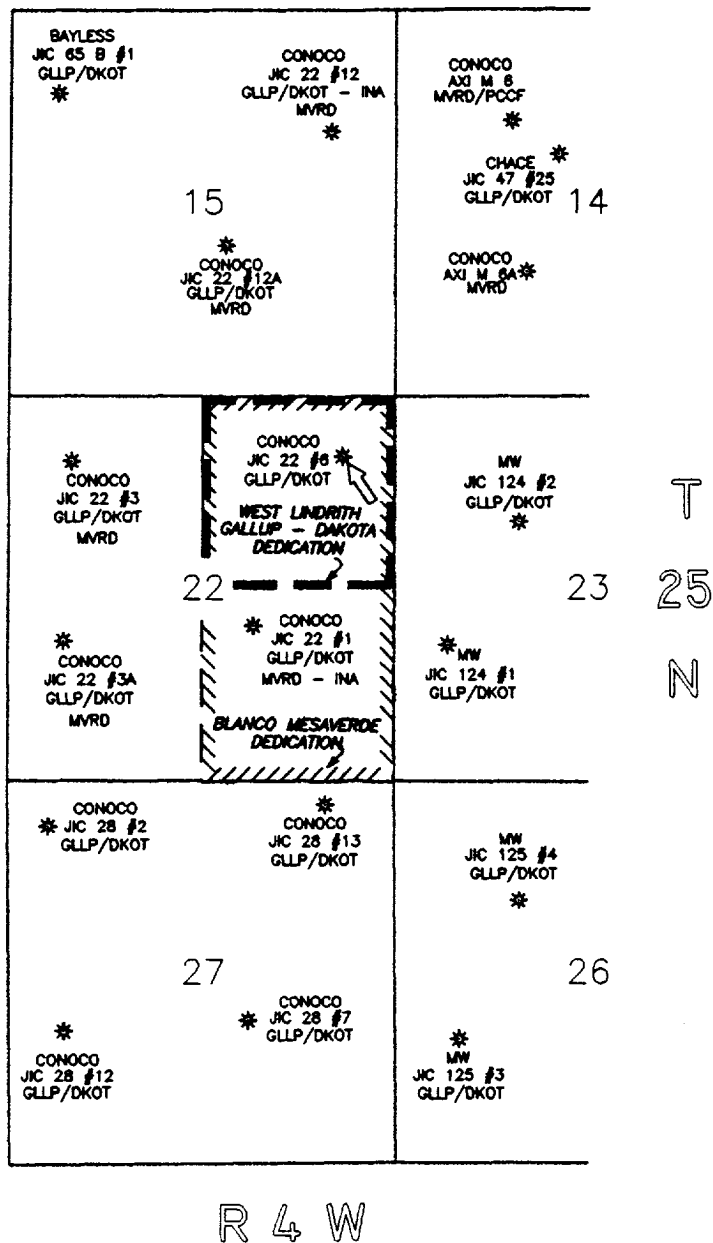
Name *J. A. Whelan*  
 Position Administrative Supervisor  
 Company CONTINENTAL OIL COMPANY  
 Date June 8, 1972

*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 \_\_\_\_\_  
 Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_





# NOTES

## NOTE:

JICARILLA 22 #6 LOCATION IS STANDARD FOR THE WEST LINDRITH GALLUP-DAKOTA POOL, BUT NON-STANDARD FOR A BLANCO MESAVERDE (POINT LOOKOUT) RECOMPLETION.

DATE: 3/04/98

DRAWN BY: GLG

CHECKED BY:

APPROVED BY:

SCALE: 1" = 2640'

STATE PLANE COORDINATES REFERRED TO  
NAD27 - N.M. WEST  
STATE PLANE COORDINATES  
ZONE - 3003



EPNGNA  
MIDLAND DIVISION

CONOCO JICARILLA 22 LEASE  
MESAVERDE & GALLUP/DAKOTA PRODUCERS  
JICARILLA 20 #6 BLANCO MESAVERDE NSL  
RIO ARriba COUNTY, NEW MEXICO

| STATE | API | COUNTY | WELL | DRAWING |
|-------|-----|--------|------|---------|
| 30    | \   | 039    | \    | 25-4_6  |

CONOCO INC. OFFICE  
10 DESTA DRIVE WEST  
MIDLAND, TEXAS 79705

Jicarilla 22 #6  
API # 30-039-20442  
Section 22, T-25-N, R-4-W  
Rio Arriba County, NM

**Offset Operators:**

M & W Petroleum  
200 Post Oak Blvd STE 100  
Houston, TX 77056-4400

P 497 374 031

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

|   |    |
|---|----|
| Sent to   |    |
| M & W Petroleum   |    |
| Street & Number   |    |
| 200 Post Oak Blvd STE 100                                   |    |
| Post Office, State, & ZIP Code                              |    |
| Houston, TX 77056-4400                                      |    |
| Postage   | \$ |
| Certified Fee   |    |
| Special Delivery Fee  |    |
| Restricted Delivery Fee                                     |    |
| Return Receipt Showing to Whom & Date Delivered             |    |
| Return Receipt Showing to Whom, Date, & Addressee's Address |    |
| TOTAL Postage & Fees  | \$ |
| Postmark or Date  |    |

PS Form 3800, April 1995