



**Amoco Exploration and Production**

Amoco Building  
1670 Broadway  
Post Office Box 800  
Denver, Colorado 80201-0800  
(303) 830-4040

July 8, 1998

Ms. Lori Wrotenbery, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P.O. Box 6429  
Santa Fe, NM 87505

**Application For Unorthodox Location**  
**Vanderwart /A/ LS #5B Well**  
**2370' FNL & 1220' FEL**  
**Unit H Section 14-T29N-R8W**  
**E/2 Spacing Unit**  
**Blanco Mesaverde Pool**  
**San Juan County, New Mexico**

Amoco Production Company hereby requests administrative approval for an unorthodox well location for the Vanderwart /A/ LS #5B well in the Blanco Mesaverde Pool. Amoco plans to drill this well at an unorthodox location as a third well in the existing spacing unit to access reserves which would otherwise be bypassed with the current well density. This well, as proposed, would be moving toward the center line of the spacing unit only and would be well within the standard 790 foot setback from the outer boundaries of the spacing unit. We are locating this well toward the center of the spacing unit, away from the parent and original infill, which would cause it to fall outside the traditional drilling windows for the Blanco Mesaverde Pool.

A copy of this application will be submitted to the offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office. Attached are plats showing the location of the well, offset operators, and all wells drilled in the area.

  
Pamela W. Staley

Attachments

cc: Frank Chavez, Supervisor      Mark Yamasaki, Amoco  
      NMOCD District III            Gail Jefferson, Amoco  
      1000 Rio Brazos Road  
      Aztec, NM 87410

**WAIVER**

\_\_\_\_\_ hereby waives objection to Amoco's application for an unorthodox well location for the Vanderwart /A/ LS #5B well described above.

By: \_\_\_\_\_

Date: \_\_\_\_\_

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

**Vanderwart /A/ LS #5B Well  
2370' FNL & 1220' FEL, Section 18-T30N-R8W  
Blanco Mesaverde Pool**

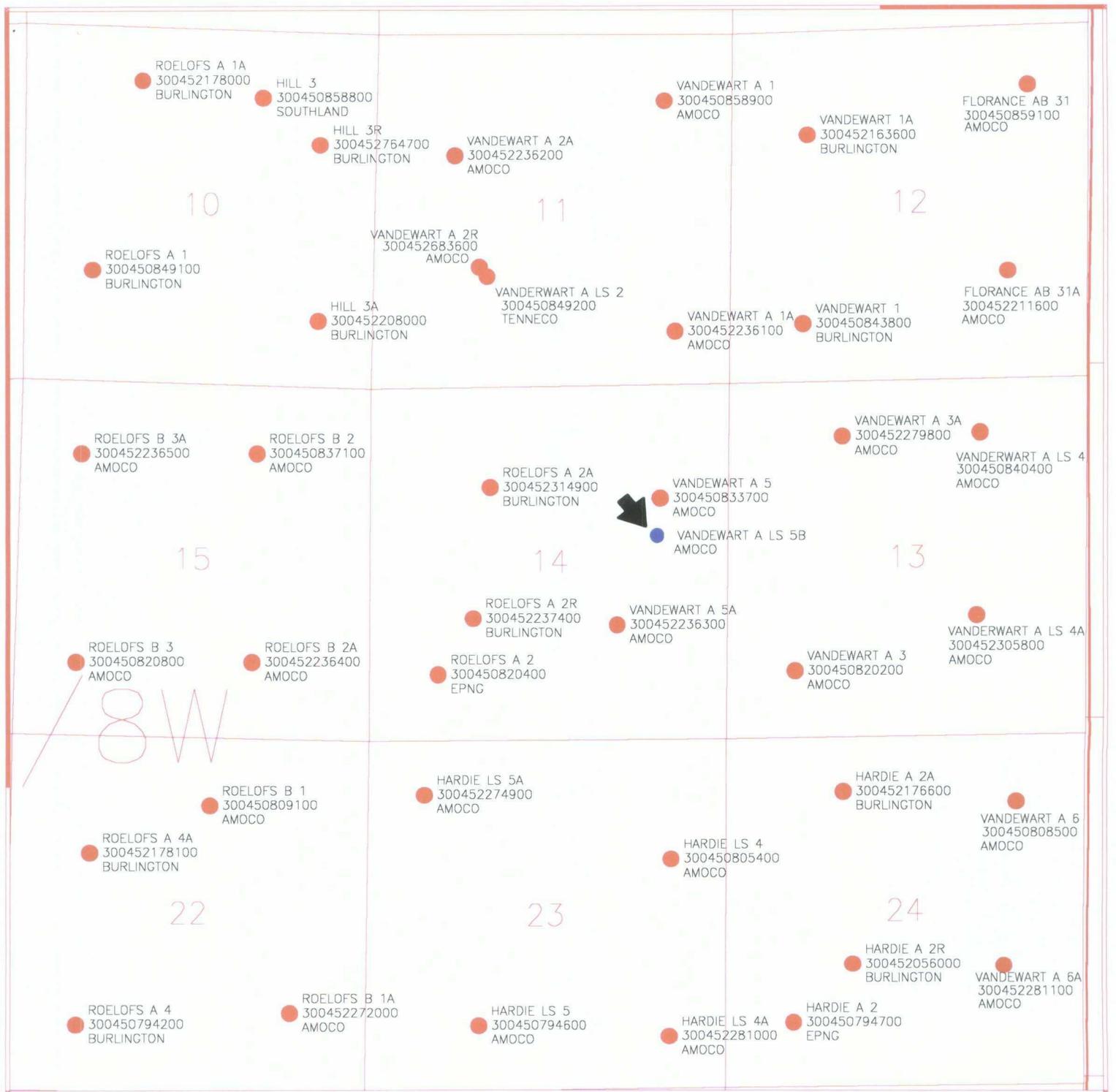
ATTACHMENTS:

- 9-SECTION PLAT SHOWING LOCATION OF ALL OFFSET WELLS
- FORM C-102 FOR MESAVERDE FORMATION
- LIST OF ALL OFFSET OPERATORS AND THEIR ADDRESSES

LIST OF ADDRESSES FOR OFFSET OPERATORS

**Vanderwart /A/ LS #5B Well**

1 Burlington Resources Oil and Gas Co.  
P.O. Box 4289  
Farmington, NM 87499



|  |                   |         |
|--|-------------------|---------|
| AMOCO PRODUCTION COMPANY   |                   |         |
| VANDEWART A LS 5B - NEW DRILL<br>MESAVERDE - NINE SECTION PLAT<br>29N-BW-14SW/NE |                   |         |
| ALC  |                   | 7/16/98 |
|  | Scale: 1/24443.86 |         |

District I  
 PO Box 1980, Hobbs NM 88241-1980  
 District II  
 PO Drawer 322, Arado, NM 87211-0719  
 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

|                 |  |                          |  |                  |               |  |
|-----------------|--|--------------------------|--|------------------|---------------|--|
| 1 APT Number    |  | 2 Pool Code              |  | 3 Pool Name      |               |  |
|                 |  | 72319                    |  | Blanco Mesaverde |               |  |
| 4 Property Code |  | 5 Property Name          |  |                  | 6 Well Number |  |
|                 |  | VANDERWART /A/ LS        |  |                  | # 5B          |  |
| 7 OGRID No.     |  | 8 Operator Name          |  |                  | 9 Elevation   |  |
| 000778          |  | AMOCO PRODUCTION COMPANY |  |                  | 6726          |  |

10 Surface Location

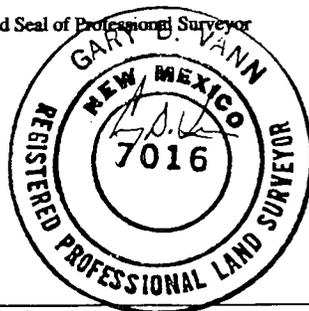
| UL or Lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County   |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| H             | 14      | 29 N     | 8 W   |         | 2370          | NORTH            | 1220          | EAST           | SAN JUAN |

11 Bottom Hole Location If Different From Surface

| 7 UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|                 |         |          |       |         |               |                  |               |                |        |

|                    |                    |                       |              |
|--------------------|--------------------|-----------------------|--------------|
| 12 Dedicated Acres | 13 Joint or Infill | 14 Consolidation Code | 15 Order No. |
| 320.00             |                    |                       |              |

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

|    |           |           |  |  |
|----|-----------|-----------|--|--|
| 16 | 514' (R)  |           | 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><i>Gail M. Jefferson</i><br>Signature<br>Gail M. Jefferson<br>Printed Name<br>Sr. Admin. Staff Asst.<br>Title<br>July 14, 1998<br>Date |  |
|    | 14        |           |  | 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>July 2, 1998<br>Date of Survey<br>Signature and Seal of Professional Surveyor<br><br>7016<br>Certificate Number |
|    | 5196' (R) | 5184' (R) |  |  |
|    | 5207' (R) |           |  |  |

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/29/98 08:43:48  
OGOIV -EMD4  
PAGE NO: 2

Sec : 14 Twp : 29N Rng : 08W Section Type : NORMAL

|               |               |               |               |
|---------------|---------------|---------------|---------------|
| L<br>40.00    | K<br>40.00    | J<br>40.00    | I<br>40.00    |
| Federal owned | Federal owned | Federal owned | Federal owned |
|               | A             | A             | A             |
| M<br>40.00    | N<br>40.00    | O<br>40.00    | P<br>40.00    |
| Federal owned | Federal owned | Federal owned | Federal owned |
| A             |               |               |               |

PF01 HELP      PF02              PF03 EXIT      PF04 GoTo      PF05              PF06  
PF07 BKWD      PF08 FWD          PF09 PRINT      PF10 SDIV      PF11              PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/29/98 08:43:39  
OGOIV -EMD4  
PAGE NO: 1

Sec : 14 Twp : 29N Rng : 08W Section Type : NORMAL

|  |                                      |  |                                      |
|--|--------------------------------------|--|--------------------------------------|
| D<br>40.00<br><br>Federal owned<br>A A | C<br>40.00<br><br>Federal owned      | B<br>40.00<br><br>Federal owned          | A<br>40.00<br><br>Federal owned      |
| E<br>40.00<br><br>Federal owned        | F<br>40.00<br><br>Federal owned<br>A | G<br>40.00<br><br>Federal owned<br>A A A | H<br>40.00<br><br>Federal owned<br>A |

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

DATE: 7/23/98 | 8/12/98 | MS | MV | NSL

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

VANDERWART JA/LS#5B

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

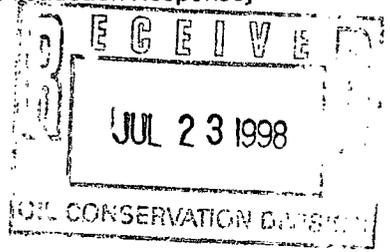
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling
- NSL  NSP  DD  SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
- DHC  CTB  PLC  PC  OLS  OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
- WFX  PMX  SWD  IPI  EOR  PPR



[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or  Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

PAMELA W. STALEY  
Print or Type Name

*Pamela W. Staley*  
Signature

REGULATORY AFFAIRS ENGR.  
Title

7/8/98  
Date