

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

98 AUG 11 AM 10:23

1a. TYPE OF WORK

b. TYPE OF WELL
OIL WELL ☐
GAS WELL ☒

DRILL ☒

DEEPEN ☐

Other

SINGLE ZONE ☒

070 FARMINGTON, NM

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY CCC778 Gail M. Jefferson

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 800, DENVER, COLORADO 80201 (303) 830-6157

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)

At surface 2370' FNL 1220' FEL

At proposed prod. zone

Unit H

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

20 miles from the town of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

1840.00

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5961'

21. ELEVATIONS (Show whether DE, RT, GR, PG.)

6726' GR

and appeal pursuant to 43 CFR 3165.4.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12.25	K-55 9.625	36#	250'	172 cu. ft. CI B to surface
8.75	K-55 7.000	20#	3566'	965 cu. ft. CI B to surface
6.25	K-55 4.500	10.5#	5961'	360.2 cu. ft. CI B to 3316'

Notice of Staking submitted as Vanderwart A LS #5B on 7/14/98.

Lease Description: Township 29N-Range 8W

Section 11: All

Section 13: W/2, SE/4, S/2 NE/4

Section 14: E/2

Section 24: E/2

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

containing 1840.00 acres, more or less.

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 Gail M. Jefferson TITLE Sr. Admin. Staff Asst. DATE 08-07-1998

(This space for Federal or State office use)

PERMIT NO. 15/Duane W. Spencer

APPROVAL DATE SEP 14 1998

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

*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.

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10 Surface Location

¹¹ Bottom Hole Location If Different From Surface

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

(R) - BLM Record

APD Map # 1



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

August 12, 1998

RECEIVED
AUG 17 1998
OIL CON. DIV.
DIST. 3

Amoco Production Company
P. O. Box 800
Denver, Colorado 80201-0800
Attention: Pamela Staley

Administrative Order NSL-4106

Dear Ms. Staley:

Reference is made to your application dated July 8, 1998, which was received by the New Mexico Oil Conservation Division ("Division") in Santa Fe on July 23, 1998, for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Blanco-Mesaverde Pool*," as promulgated by Division Order No. R-10987, for a non-standard gas well location in an existing standard 320-acre stand-up gas spacing and proration unit for the Blanco-Mesaverde Pool comprising the E/2 of Section 14, Township 29 North, Range 8 West, NMPM, San Juan County, New Mexico. This unit is currently dedicated to Amoco Production Company's: (i) Vandewart "A" Well No. 5 (API No. 30-045-08377), the initial well on this unit, located at a standard gas well location 1650 feet from the North line and 990 feet from the East line (Unit H) of Section 14; and, (ii) Vandewart "A" Well No. 5-A (API No. 30-045-22363), located at a standard infill gas well location 1700 feet from the South line and 1600 feet from the East line (Unit J) of Section 14.

The application has been duly filed under the provisions of Division Rules 104.F and 605.B of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

By the authority granted me under the provisions of Division Rule 104.F(2), the following described well to be drilled at an unorthodox gas well location in Section 14 is hereby approved:

Vandewart "A/LS" Well No. 5-B
2370' FNL & 1220' FEL (Unit H) 14-29-8

Further, Amoco Production Company is authorized to dedicate Blanco-Mesaverde gas production on the subject unit from the proposed Vandewart "A/LS" Well No. 5-B with the two existing Vandewart "A" Well Nos. 5 and 5-A. These three wells and the existing unit will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec /
U. S. Bureau of Land Management - Farmington



Amoco Exploration and Production

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

July 8, 1998

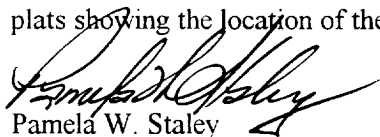
Ms. Lori Wrotenberg, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

RECEIVED
JUL 23 1998
OIL CON. DIV.
DIST. 3

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
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Mark Yamasaki, Amoco
Gail Jefferson, Amoco

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**

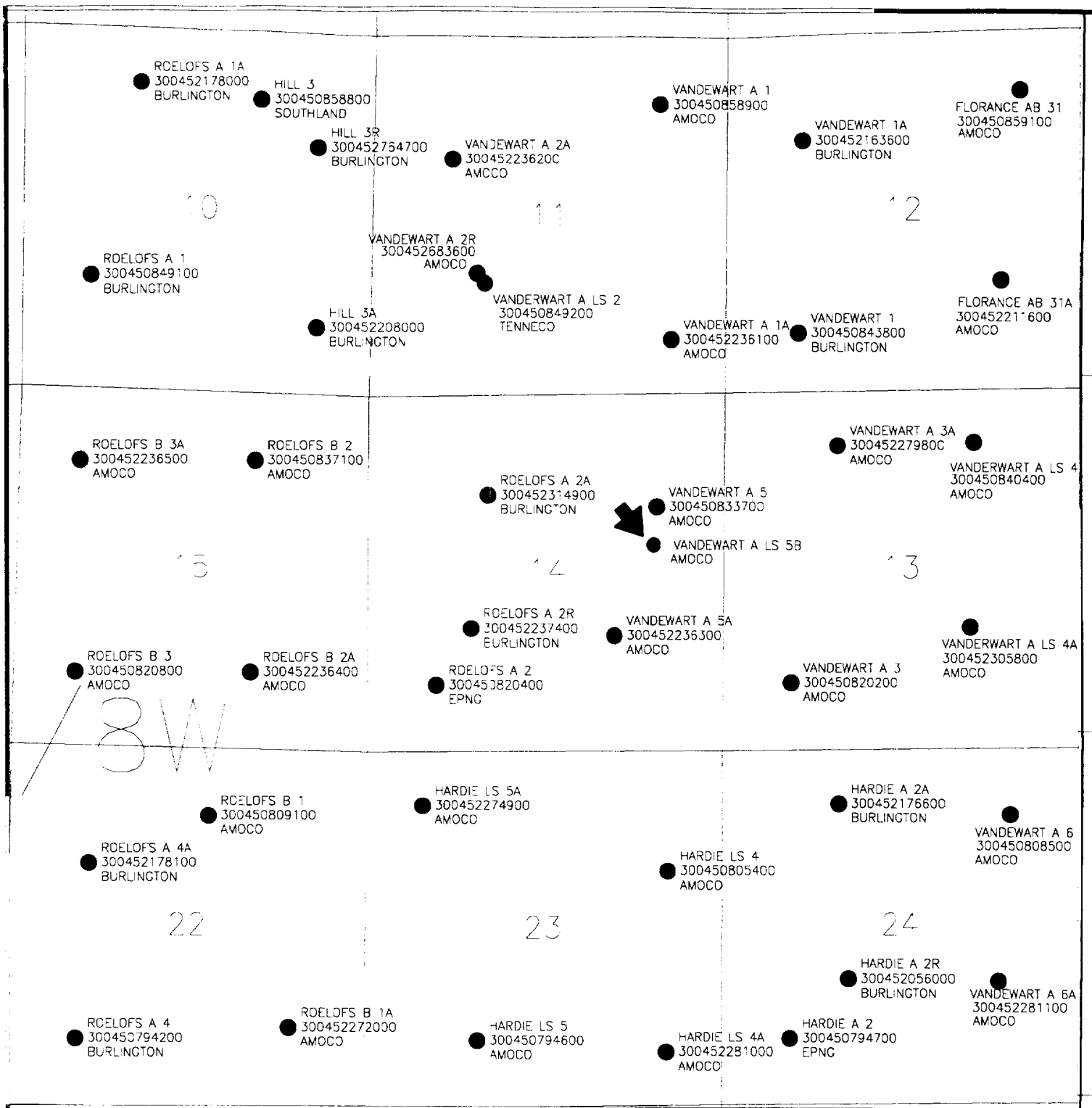
ATTACHMENTS:

- 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		
VANDERWART A LS 5B - NEW DRILL MESAVERDE - NINE SECTION PLAT 29N-8W-14SW/NE		
ALC		7/16/98
	Scale: 1"=2444.38'	

District II
P.O. Drawer KCL, Aztec, NM 87211-0719
District III
7,000 Rio Brazos Rd., Aztec, NM 87410
District IV
P.O. Box 2083, Santa Fe, NM 87504-2083

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

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 API Number 30-045-29672	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 1203	⁵ Property Name VANDERWART /A/ LS	⁶ Well Number # 5B
⁷ OGRID No. 000778	⁸ Operator Name AMOCO PRODUCTION COMPANY	⁹ Elevation 6726

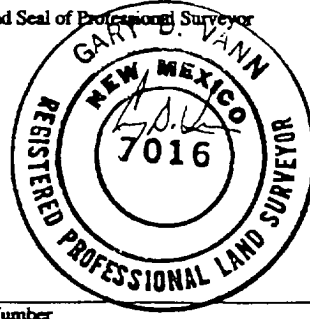
¹⁰ Surface Location

UL or Lot No. H	Section 14	Township 29 N	Range 8 W	Lot Idn	Feet from the 2370	North/South line NORTH	Feet from the 1220	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

¹² UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹³ Dedicated Acres 320.00	¹⁴ Joint or Infill	¹⁵ Consolidation Code	¹⁶ Order No.						

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

5196 (R)	514' (R)	5184' (R)	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Gail M. Jefferson Signature Gail M. Jefferson Printed Name Sr. Admin. Staff Asst. Title July 14, 1998 Date
	2370'		¹⁸ 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 belief. July 2, 1998 Date of Survey Signature and Seal of Professional Surveyor  7016 Certificate Number
	1220'		

(R) - BLM Record