

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

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

RECEIVED
SEP 1 7 1998

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

Other ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY 000778 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

2260' FSL

970' FEL

At proposed prod. zone

Unit I

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

6 miles from the town of Aztec, New Mexico

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

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

16. NO. OF ACRES IN LEASE

905.92

19. PROPOSED DEPTH

5801'

17. NO. OF ACRES ASSIGNED TO THIS WELL

316.60

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR., etc.)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

6241 GR

22. APPROX. DATE WORK WILL START*

09-01-1998

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#	3231'	874 cu. ft. CI B to surface
6.25	K-55 4.500	10.5#	5801'	384.4 cu. ft. CI B to 2981'

Notice of Staking submitted as the Jacquez LS #1B on 7/28/98.

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

Lease Description:

Township 31 North-Range 9 West

Section 29: Lots 1(39.56) 2(39.56), 3(39.57), 5(39.43), 6(39.43), 7(39.43), 8(39.43), 9(39.30), 10(39.30), 11(39.30)

Section 30: Lots 5(39.62), 6(39.98), 8(12.04), 9(40.68), 10(30.50), 11(39.56), 12(39.43), 13(39.37), 14(40.55), 15(11.90), 16(11.52), 17(39.60), 18(39.25), 19(39.31)

containing 905.92 acres, more or less.

RECEIVED
SEP 1 7 1998
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

Gail M. Jefferson

TITLE Sr Admin. Staff Asst

DATE

08-07-1998

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

/s/ Duane W. Spencer

APPROVED BY

TITLE

DATE

NSL-4126 (5)

*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.

NMCO

District I
PO Box 1980, Hobbs, NM 87401
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

Energy, Minerals & Natural Resources Department

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

Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED
BLM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

070 FARMINGTON, NM
AM10:24

1 API Number 30-045-29677		2 Pool Code 72319		3 Pool Name Blanco Mesaverde		
4 Property Code 120		5 Property Name JACQUEZ LS			6 Well Number # 1B	
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6241	

10 Surface Location

UL or Lot No. I	Section 29	Township 31 N	Range 9 W	Lot Idn	Feet from the 2260	North/South line SOUTH	Feet from the 970	East/West line EAST	County SAN JUAN
---------------------------	----------------------	-------------------------	---------------------	---------	------------------------------	----------------------------------	-----------------------------	-------------------------------	---------------------------

11 Bottom Hole Location If Different From Surface

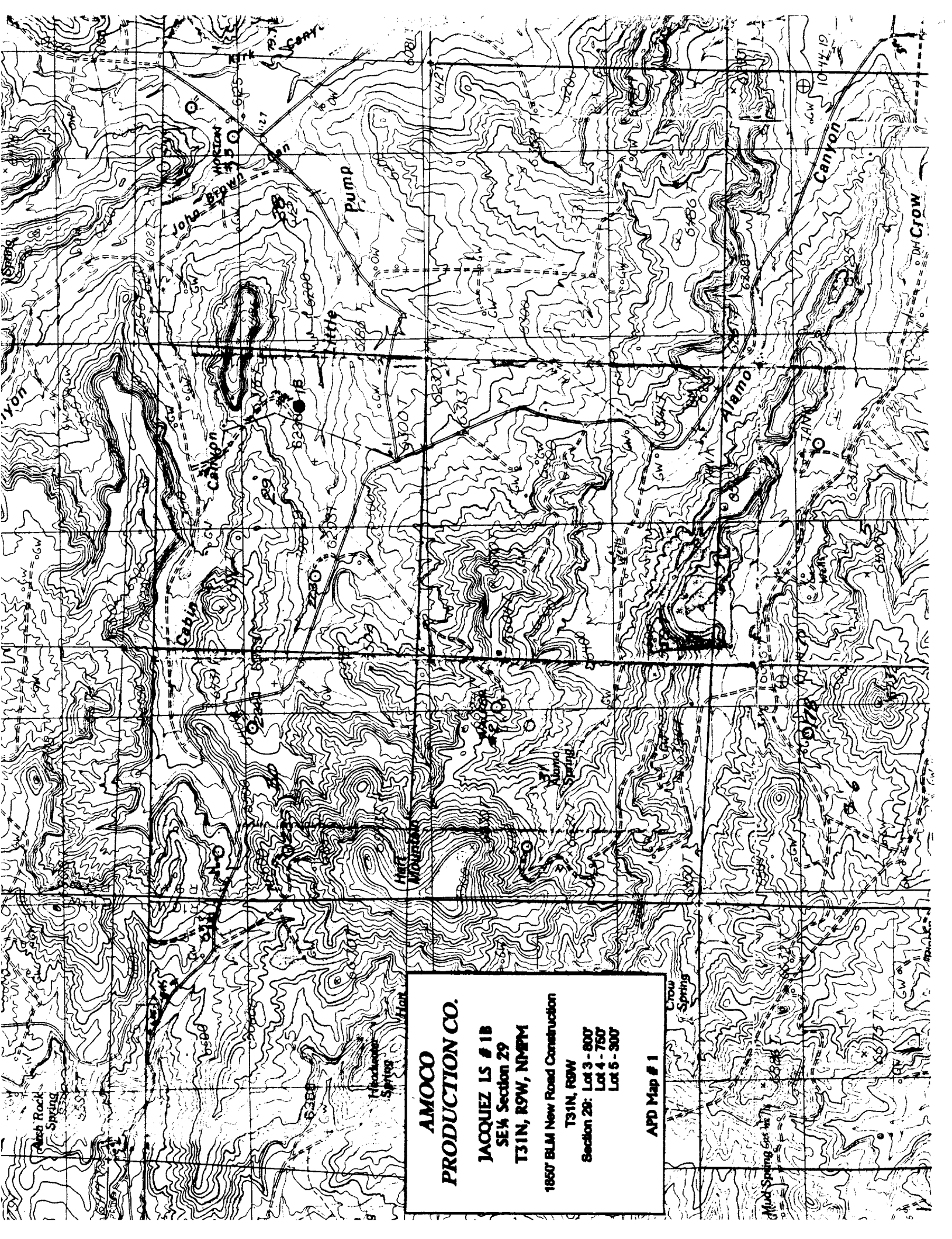
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 316.60	13 Joint or Infill	14 Consolidation Code	15 Order No.
-------------------------------------	--------------------	-----------------------	--------------

**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 RECEIVED SEP 17 1998 OIL CON. DIV. DIST. 3				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Gail M. Jefferson</i> Signature Gail M. Jefferson Printed Name Sr. Admin. Staff Asst. Title 7/28/98 Date			
29				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 7, 1998 Date of Survey Signature and Seal of Professional Surveyor GARY D. VANN NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 7016 7016 Certificate Number			
5239' (R)				5240' (R)			
5218' (R)							

(R) - BLM Record



**AMOCO
PRODUCTION CO.**

**JACQUEZ LS # 1B
SE1/4 Section 29
T31N, R9W, N40E**

**1850' BLM New Road Construction
T31N, R9W
Section 29: Lot 3 - 800'
Lot 4 - 750'
Lot 5 - 300'**

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

September 2, 1998

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

RECEIVED
SEP 9 1998

OIL CON. DIV.
DIST. 3

Administrative Order NSL-4126

Dear Ms. Staley:

Reference is made to your application dated August 4, 1998, which was received by the New Mexico Oil Conservation Division ("Division") in Santa Fe on August 12, 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 316.60-acre stand-up gas spacing and proration unit for the Blanco-Mesaverde Pool comprising Lots 3, 4, 5, 6, 11, and 12, and the N/2 NE/4 of Section 29, Township 31 North, Range 9 West, NMPM, San Juan County, New Mexico. This unit is currently dedicated to Amoco Production Company's: (i) Jacquez "LS" Well No. 1-R (API No. 30-045-23587), located at a standard gas well location 790 feet from the North line and 1460 feet from the East line (Unit B) of Section 29; and, (ii) Jacquez "LS" Well No. 1-A (API No. 30-045-22427), located at a standard infill gas well location 850 feet from the South line and 900 feet from the East line (Lot 12/Unit P) of Section 29.

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.

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 29 is hereby approved:

Jacquez "LS" Well No. 1-B
2260' FSL & 970' FEL (Lot 5/Unit I). 29 - 31 - 9W

Further, Amoco Production Company is authorized to dedicate Blanco-Mesaverde gas production on the subject unit from the proposed Jacquez "LS" Well No. 1-B with the two existing Jacquez "LS" Well Nos. 1-R and 1-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 Production Company

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

August 4, 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
Jacquez LS #1B Well
2260' FSL, 970' FEL
Unit I Section 29-T31N-R9W
E/2 Spacing Unit
Blanco Mesaverde Pool
San Juan County, New Mexico

RECEIVED
AUG 7 1998
OIL CON. DIV.
DIST. 3

Amoco Production Company hereby requests administrative approval for an unorthodox well location for the Jacquez LS #1B 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 Mesaverde 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 Jacquez LS #1B well described above.

By: _____

Date: _____

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

**Jacquez LS #1B Well
2260' FSL, 970' FEL, Section 29-T31N-R9W
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

Jacquez LS #1B Well

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

2 Conoco, Inc.
10 Desta Drive West
Midland, Texas 79705

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, 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 API Number	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code	⁵ Property Name JACQUEZ LS	⁶ Well Number # 1B
⁷ OGRID No. 000778	⁸ Operator Name AMOCO PRODUCTION COMPANY	⁹ Elevation 6241

¹⁰ Surface Location

UL or Lot No. I	Section 29	Township 31 N	Range 9 W	Lot Idn	Feet from the 2260	North/South line SOUTH	Feet from the 970	East/West line EAST	County SAN JUAN
--------------------	---------------	------------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	--------------------

¹¹ Bottom Hole Location If Different From Surface

¹² UL or lot no.	¹³ Section	¹⁴ Township	¹⁵ Range	¹⁶ Lot Idn	¹⁷ Feet from the	¹⁸ North/South line	¹⁹ Feet from the	²⁰ East/West line	²¹ County
-----------------------------	-----------------------	------------------------	---------------------	-----------------------	-----------------------------	--------------------------------	-----------------------------	------------------------------	----------------------

²² Dedicated Acres 316.60	²³ Joint or Infill	²⁴ Consolidation Code	²⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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	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 7/28/98 Date			
5239'(R)	Lot 1	Lot 2	Lot 3	Lot 4
5239'(R)	Lot 8	Lot 7	Lot 6	Lot 5
5216'(R)	Lot 9	Lot 10	Lot 11	Lot 12

29

970'

2260'

7016

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 7, 1998
Date of Survey
Signature and Seal of Professional Surveyor
GARY D. VANN
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
7016
Certificate Number