

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

RECEIVED  
BLM

LEASE DESIGNATION AND SERIAL NO.

NM-010989

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

98 AUG 11 AM 10:23

7. UNIT AGREEMENT NAME

8. NAME OF LEASEE NAME, WELL NO.

Fields A

#7B

9. API WELL NO.

30-045-29679

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde 72319

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Section 34  
Township 32N Range 11W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL  
OR WELL ☐

GAS WELL ☒

Other

SINGLE 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

1215' FNL

2195' FWL

At proposed prod. zone

Unit C

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

8 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)

16. NO. OF ACRES IN LEASE

2480

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320.00

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

19. PROPOSED DEPTH

5807'

20. ROTARY OR CABLE TOOLS

Rotary

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

6177' GR

22. APPROX. DATE WORK WILL START\*

09-01-1998

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 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	38#	250'	172 cu. ft. CI B to surface
8.75	K-55 7.000	20#	3562'	864 cu. ft. CI B to surface
6.25	K-55 4.500	10.5#	5807'	325.6 cu. ft. CI B to 3312'

Notice of Staking submitted as the Fields A #7B on 7/14/98.

Lease Description: Township 32N-R11W

Section 25: All

Section 27: SE/4

Section 28: S/2 NW/4, NE/4, S/2

Section 29: NE/4 NW/4, E/2, E/2 SW/4, SW/4 NW/4

Section 30: S/2 SE/4

Section 31: NW/4 NE/4

Section 34: N/2

Section 35: SW/4 NW/4, SW/4

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

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OIL CON. DIV.  
DIST. 3

containing 2,480 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.

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 entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

AS/ Duane W. Spencer

APPROVED BY

TITLE

DATE

SEP 14 1998

\*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.

FD-203 (Rev. 11-1-83)  
PO Drawer KK, Aztec, NM 87211-0719  
District III  
1000 250 Avenue Rd., Aztec, NM 87410  
District IV  
PO Box 2038, Santa Fe, NM 87504-2038

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

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BLM

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

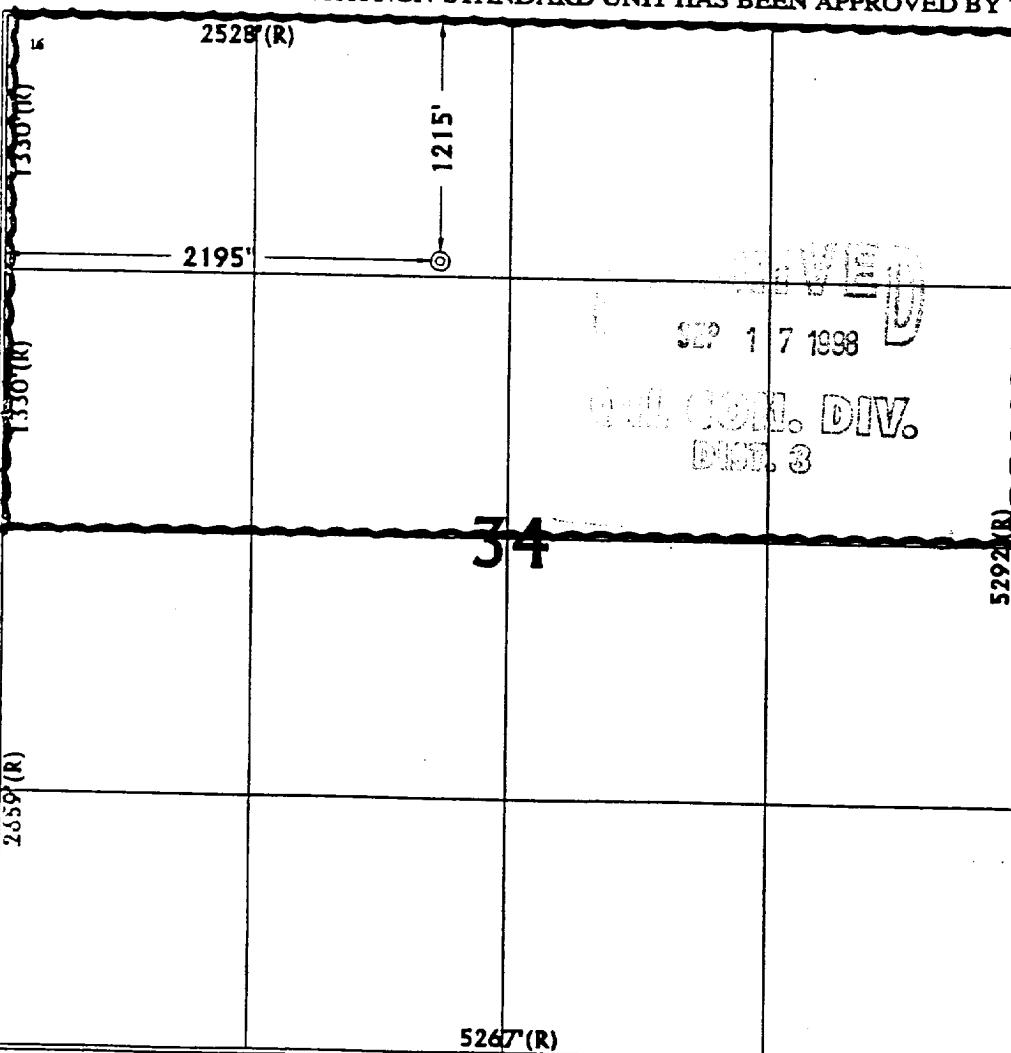
1 API Number 30-045-29679		2 Pool Code 72319		3 Pool Name Blanco Mesaville		
4 Property Code 511		5 Property Name FIELDS 1A/			6 Well Number # 7B	
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6177	

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
C	34	32 N	11 W		1215	NORTH	2195	WEST	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 320.00	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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



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	
July 14, 1998	
Date	

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 1, 1998	
Date of Survey	
Signature and Seal of Professional Surveyor	
7016	
Certificate Number	

DRILLING  
WINDOWS →

**AMOCO  
PRODUCTION CO.**

FIELDS /A/ # 7B  
NW¼ Section 34  
T32N, R11W, NMPM  
800' BLM New Road Construction  
T32N, R11W  
Section 34: SW¼ NE¼ - 250'  
NW¼ NE¼ - 250'  
NE¼ NW¼ - 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

August 12, 1998

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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-2555-A

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 lay-down gas spacing and proration unit for the Blanco-Mesaverde Pool comprising the N/2 of Section 34, Township 32 North, Range 11 West, NMPM, San Juan County, New Mexico. This unit is currently dedicated to Amoco Production Company's: (i) Fields "A" Well No. 7-R (API No. 30-045-26996) located at an unorthodox gas well location (approved by Division Administrative Order NSL-2555, as amended) 1925 feet from the North line and 2055 feet from the East line (Unit G) of Section 34; and, (ii) Fields "LS" Well No. 7-A (API No. 30-045-22464), located at a standard gas well location 1620 feet from the North line and 1100 feet from the West line (Unit E) of Section 34.

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 34 is hereby approved:

Fields "A" Well No. 7-B — 34-32-11  
1215' FNL & 2195' FWL (Unit C)

Further, Amoco Production Company is authorized to dedicate Blanco-Mesaverde gas production on the subject unit from the proposed Fields "A" Well No. 7-B with the existing Fields "A" Well No. 7-R and Fields "LS" Well No. 7-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 Wrotenberg  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
File: NSL-2555



**Amoco Exploration and Production**

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

July 8, 1998

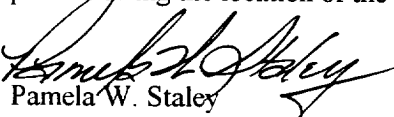
Ms. Lori Wrotenberg, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P.O. Box 6429  
Santa Fe, NM 87505

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JUL 23 1998  
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DIST. 3

**Application For Unorthodox Location**  
**Fields /A/ 7B Well**  
**1215' FNL, 2195' FWL**  
**Unit C Section 34-T32N-R11W**  
**N/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 Fields /A/ 7B 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 Fields /A/ 7B well described above.

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

**Fields /A/ 7B Well  
1215' FNL, 2195' FWL, Section 34-T32N-R11W  
Blanco Mesaverde Pool**

ATTACHMENTS:

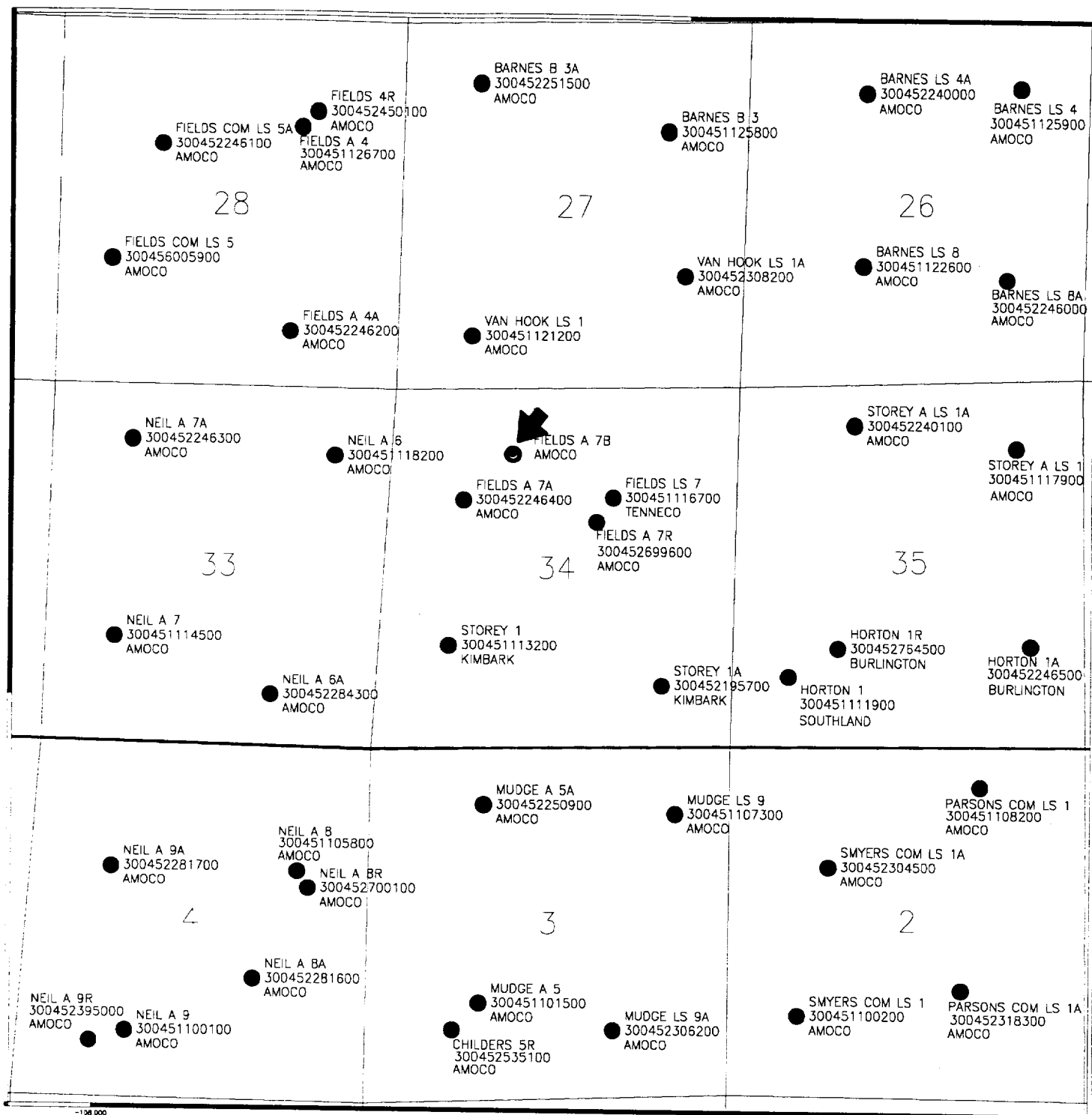
- 9-SECTION PLAT SHOWING LOCATION OF ALL OFFSET WELLS
- FORM C-102 FOR MESAVERDE FORMATION
- LIST OF ALL OFFSET OPERATORS AND THEIR ADDRESSES

LIST OF ADDRESSES FOR OFFSET OPERATORS

**Fields /A/ 7B Well**

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

2 Kimbark Oil and Gas Co.  
1660 Lincoln Street, Suite 2700  
Denver, CO 80202



-106 000

AMOCO PRODUCTION COMPANY		
FIELDS A 7B - NEW DRILL MESAVERDE - NINE SECTION PLAT 32N-11W-34NE/NW		
ALC		7/15/98
	Scale 1:25512.29	

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

**Instructions on back**  
**Submit to Appropriate District Office**  
**State Lease - 4 Copies**  
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☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29679		2 Pool Code 72319		3 Pool Name Blanco Mesaverde		
4 Property Code 511		5 Property Name FIELDS /A/			6 Well Number # 7B	
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6177	

## <sup>10</sup> Surface Location


U/L or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	34	32 N	11 W		1215	NORTH	2195	WEST	SAN JUAN

**" Bottom Hole Location If Different From Surface**

[illegible]

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320.00			

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<p><b>16</b></p> <p>2528' (R)</p> <p>1330' (R)</p> <p>1215'</p> <p>2195'</p> <p style="font-size: 2em; font-weight: bold; text-align: center;">34</p> <p>5267' (R)</p>		<p><b>17 OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <hr/> <p><i>Gail M. Jefferson</i></p> <p>Signature</p> <hr/> <p>Gail M. Jefferson</p> <p>Printed Name</p> <hr/> <p>Sr. Admin. Staff Asst.</p> <p>Title</p> <hr/> <p>July 14, 1998</p> <p>Date</p>
<p>2659' (R)</p>		<p><b>18 SURVEYOR CERTIFICATION</b></p> <p>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.</p> <hr/> <p style="text-align: right;"><b>July 1, 1998</b></p> <p>Date of Survey</p> <hr/> <p>Signature and Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> <hr/> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">7016</p> <p>Certificate Number</p>