

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078200

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

W. H. Riddle

#1B

9. API WELL NO.

30-045-29717

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde 72319

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

Section 24

Township 30N

Range 10W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

Attention:

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

2480' FSL

1440' FWL

At proposed prod. zone

Unit K

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

9 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

315.36

17. NO. OF ACRES ASSIGNED
TO THIS WELL

W/ 315.36

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

19. PROPOSED DEPTH

5701'

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.

6331' GL

22. APPROX. DATE WORK WILL START*

12-01-1998

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#	3081'	827 cu. ft. CI B to surface
6.25"	K-55 4.500	10.5#	5701'	431 cu. ft. CI B to 2831'

Notice of Staking submitted as the W. H. Riddle #1B on 9/15/98.

Lease Description: T30N-R10W

Sec. 24: W/2

containing 315.36 acres, more or less

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

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OCT 29 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

10-14-1998

(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 these rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

/S/ Duane W. Spencer

APPROVED BY

TITLE

DATE

OCT 27 1998

WSL-4145@

*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.

LAMARCA I
PO Box 1090, Hobbs NM 88241-1980
District II
PO Drawer KK, Aramis, 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

53 OCT 16 11:10:00 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29717	2 Pool Code 72319	070 (P) Pool Name Blanco Mesaverde
4 Property Code 985	3 Property Name W. H. RIDDLE	6 Well Number # 1B
7 OGRID No. 000778	8 Operator Name AMOCO PRODUCTION COMPANY	9 Elevation 6331

10 Surface Location

UL or Lot No. K	Section 24	Township 30 N	Range 10 W	Lot Idn	Feet from the 2480	North/South line SOUTH	Feet from the 1440	East/West line WEST	County SAN JUAN
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11 Bottom Hole Location If Different From Surface

1 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2 Dedicated Acres 315.36	3 Joints or Infill	4 Consolidation Code	5 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 1A Lot 4	5164 (R) Lot 3	Lot 2	Lot 1
Lot 5	Lot 6	RECEIVED OCT 29 1998 OIL CON. DIV. DIST. 3	
1440' Lot 12	24 Lot 11	Lot 10	Lot 9
2480' Lot 13	Lot 14	Lot 15	Lot 16
5235 (R)			

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

Signature
Gail M. Jefferson

Printed Name
Sr. Admin. Staff Asst.

Title
9/10/98

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.

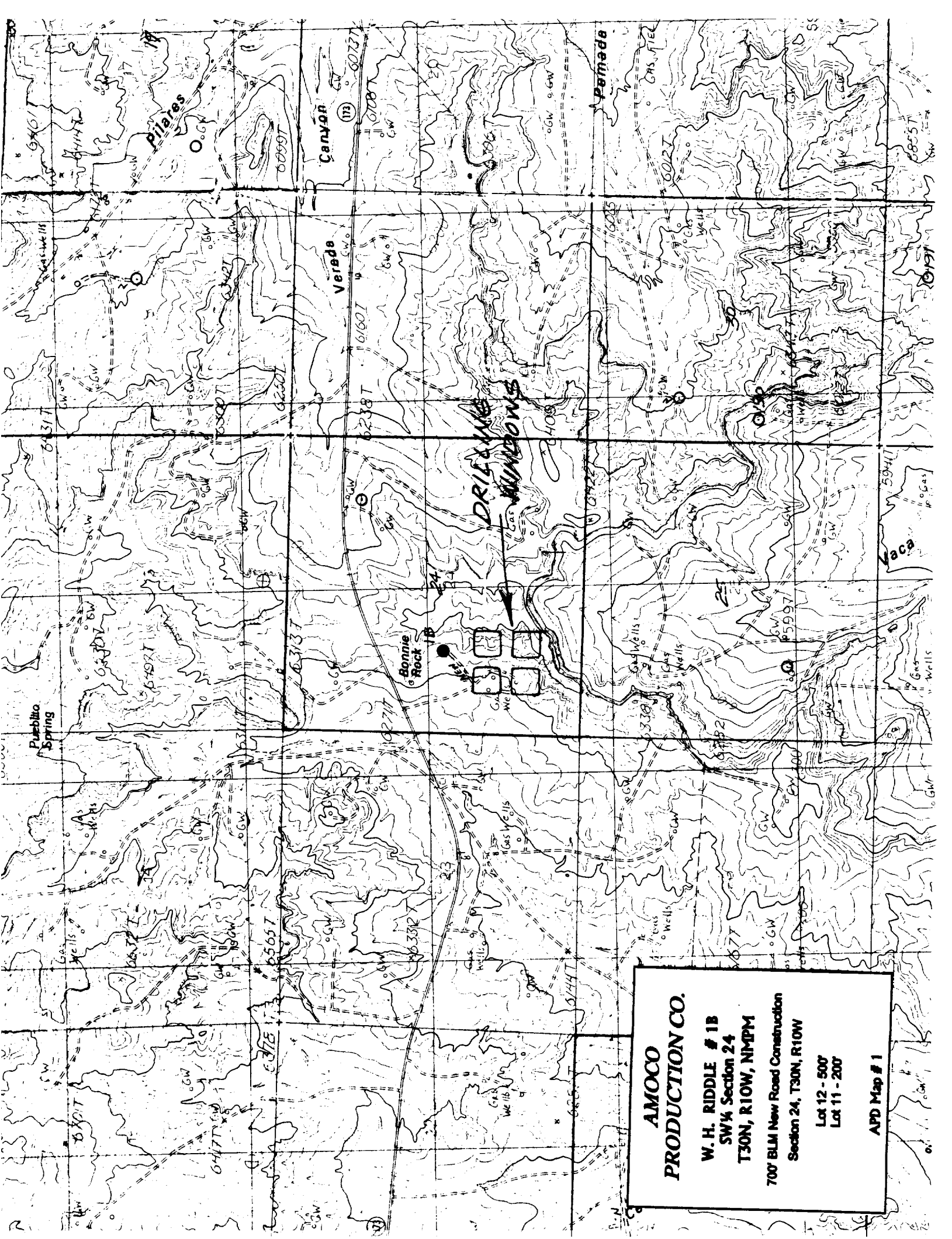
August 31, 1998

Date of Survey

Signature and Seal of Professional Surveyor

7016
REGISTERED PROFESSIONAL LAND SURVEYOR

7016
Certificate Number



**AMOCO
PRODUCTION CO.**

**W. H. RIDDLE # 1B
SW 1/4 Section 24
T30N, R10W, N14PM**

**700' BLM New Road Construction
Section 24, T30N, R10W**

**Lot 12 - 500'
Lot 11 - 200'**

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

October 13, 1998

RECEIVED
OCT 15 1998

OIL CON. DIV.
DIST. 3

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

Administrative Order NSL-4145

Dear Ms. Staley:

Reference is made to your application dated September 15, 1998, which was received by the New Mexico Oil Conservation Division ("Division") in Santa Fe on September 18, 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 315.36-acre stand-up gas spacing and proration unit for the Blanco-Mesaverde Pool comprising Lots 3, 4, 5, 6, 11, 12, 13, and 14 (W/2 equivalent) of Section 24, Township 30 North, Range 10 West, NMPM, San Juan County, New Mexico. This unit is currently dedicated to Amoco Production Company's: (i) W. H. Riddle Well No. 1 (API No. 30-045-09328), the initial well on this unit, located at a standard gas well location 1650 feet from the South line and 990 feet from the West line (Lot 12/Unit L) of Section 24; and, (ii) W. H. Riddle Well No. 1-A (API No. 30-045-22199), located at a standard infill gas well location 925 feet from the North line and 790 feet from the West line (Lot 4/Unit D) of Section 24.

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 24 is hereby approved:

W. H. Riddle Well No. 1-B
2480' FSL & 1440' FWL (Lot 11/Unit K). 24-30-10

Further, Amoco Production Company is authorized to dedicate Blanco-Mesaverde gas production on the subject unit from the proposed W. H. Riddle Well No. 1-B with the two existing W. H. Riddle Well Nos. 1 and 1-A. These three wells and the existing 315.36-acre 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



Amoco Exploration and Production

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

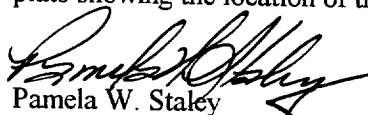
September 15, 1998

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
W.H. Riddle #1B Well
2480' FSL & 1440' FWL
Unit K Section 24-T30N-R10W
W/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 W.H. Riddle #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 wells drilled in the area.


Pamela W. Staley

Attachments

cc: Frank Chavez, Supervisor
NMOC District III
1000 Rio Brazos Road
Aztec, NM 87410

Mark Yamasaki, Amoco
Gail Jefferson, Amoco

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OIL CON. DIV.
DIST. 3

WAIVER

_____ hereby waives objection to Amoco's application for an unorthodox well location for the W.H. Riddle #1B well described above.

By: _____

Date: _____

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

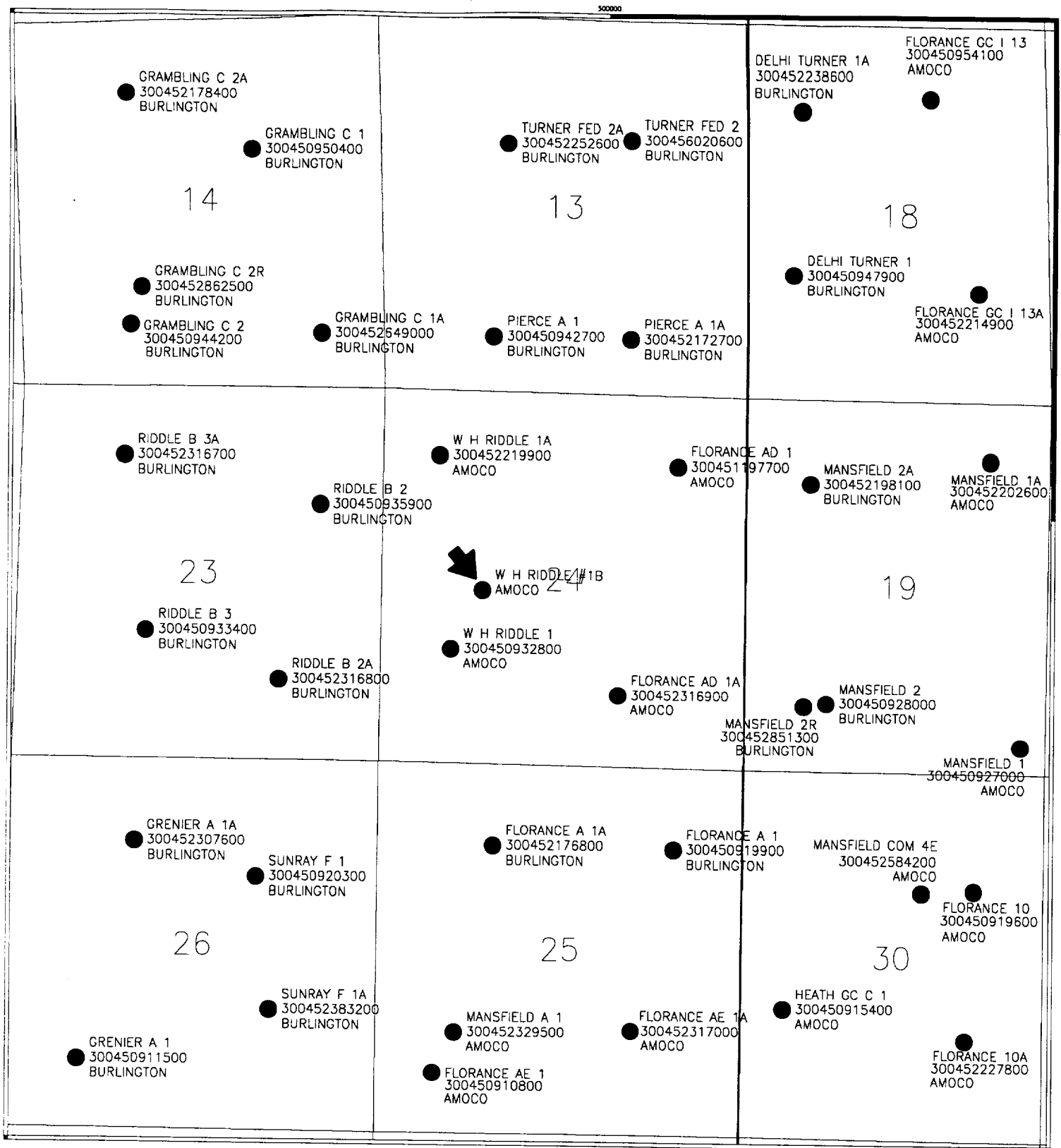
**W.H. Riddle #1B Well
2480' FSL & 1440' FWL
Unit K Section 24-T30N-R10W
Blanco Mesaverde Pool**

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

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



AMOCO PRODUCTION COMPANY		
W. H. RIDDLE #1B - NEW DRILL MESAVERDE - NINE SECTION PLAT 30N-10W-24NE/SW		
ALC		9/14/98
	Scale 1:23255.03	

PO Box 1980, Hobbs NM 88241-1980
District II
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16		5166 (R)				17 OPERATOR CERTIFICATION	
Lot 4		Lot 3		Lot 2		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
				Lot 1		Signature Gail M. Jefferson	
Lot 5		Lot 6		Lot 7		Printed Name Sr. Admin. Staff Asst.	
				Lot 8		Title 9/10/98	
1440'		24				Date	
Lot 12		Lot 11		Lot 10		18 SURVEYOR CERTIFICATION	
				Lot 9		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.	
2480'						August 31, 1998	
Lot 13		Lot 14		Lot 15		Date of Survey	
				Lot 16		Signature and Seal of Professional Surveyor	
5235 (R)						GAIL M. JEFFERSON NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 7016	
						7016 Certificate Number	