



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

June 10, 1999

RECEIVED
JUN 14 1999
OIL CON. DIV.
DIST. 3

Burlington Resources Oil & Gas Company
P. O. Box 4289
Farmington, New Mexico 87499-4289
Attention: Peggy Bradfield

Administrative Order NSL-4312

Dear Ms. Bradfield:

Reference is made to your application submitted to the New Mexico Oil Conservation Division ("Division") on May 21, 1999 for an exception to the well location requirements provided within the "*Special Rules for the Blanco-Mesaverde Pool*," as promulgated by Division Order No. R-10987-A, for a non-standard Blanco-Mesaverde infill gas well location in an existing standard 312.96-acre stand-up gas spacing and proration unit ("GPU") for the Blanco-Mesaverde Pool comprising Lots 3, 4, 5, 6, 11, 12, 13, and 14 (W/2 equivalent) of Section 26, Township 31 North, Range 9 West, NMPM, San Juan County, New Mexico. This GPU is currently dedicated to Burlington Resources Oil & Gas Company's ("Burlington"): (i) Hunsaker Well No. 1 (API No. 30-045-10249), located at a standard gas well location 990 feet from the South line and 1650 feet from the West line (Lot 14/Unit N) of Section 26; and (ii) Hunsaker Well No. 1-A (API No. 30-045-21765), located at a standard gas well location 1460 feet from the North line and 960 feet from the West line (Lot 5/Unit E) of Section 26.

The application has been duly filed under the provisions of Division Rules 104.F and 605.B.

By the authority granted me under the provisions of Division Rule 104.F(2), the following described well to be drilled as the second infill well on this GPU at an unorthodox gas well location in Section 26 is hereby approved:

Hunsaker Well No. 1-B
1745' FSL & 360' FWL (Lot 12/Unit L) - 26 - 31N - 9W
(API No. 30-045-29847).

Further, all three of the aforementioned Hunsaker Well Nos. 1, 1-A, and 1-B and existing GPU will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico and to the Blanco-Mesaverde Pool.

Sincerely,

Lori Wrotenbery
Director
LW/MES/kv

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

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RECEIVED
MAY 20 1999
OIL CON. DIV.
DIST. 3

Re: Hunsaker #1B
1745'FSL, 360'FWL Section 26, T-31-N, R-9-W, San Juan County
30-045-29847

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Mesa Verde pool. This application for the referenced location is for geological reasons as referenced in the attached geological explanation and maps.

Production from the Mesa Verde pool is to be included in a 312.96 acre gas spacing and proration unit for the west half (W/2) in Section 26 and is to be dedicated to the Hunsaker #1 (30-045-10249) located at 990'FSL, 1650'FWL in Section 26 and the Hunsaker #1A (30-045-21765) located at 1460'FNL, 960'FWL in Section 26.

The following attachments are for your review:

- Application for Permit to Drill.
- Completed C-102 at referenced location.
- Offset operators/owners plat
- 7.5 minute topographic map
- Geologic explanation and maps

Three copies of this application are being submitted to offset operators by certified mail with a request that they furnish you with a Waiver of Objection, keep one copy for their files and return one copy to this office. We appreciate your earliest consideration of this application.

We appreciate your earliest consideration of this application.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

xc: NMOCD - Aztec District Office
Bureau of Land Management

WAIVER

_____ hereby waives objection to Burlington Resources' application for a non-standard location for the Hunsaker #1B as proposed above.

By: _____ Date: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078506 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Hunsaker 9. Well Number 1B	
4. Location of Well 1745' FSL, 360' FWL Latitude 36° 52.0, Longitude 107° 45.4	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 26, T-31-N, R-9-W API # 30-045-29847	
14. Distance in Miles from Nearest Town 5 miles to Navajo Dam Post Office	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 360'	17. Acres Assigned to Well 312.96	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200'	
19. Proposed Depth 5555'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6100' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"	
24. Authorized by: <u>Tessa Lujan</u> (Regulatory/Compliance Administrator)	Date <u>2-15-99</u>	

PERMIT NO. _____

APPROVAL DATE

APR 13 1999

APPROVED BY

Tessa Lujan

TITLE

Tessa Lujan

DATE

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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 presentations as to any matter within its jurisdiction.

OPERATOR

District I
Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-10

Revised February 21, 1995

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

District II
PO Drawer 00, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

55 FEB 24 1999

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-45-		Pool Code 72319		Pool Name Blanco Mesaverde	
Property Code 7147		Property Name HUNSAKER			Well Number 1B
GRID No. 14538		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 6100'

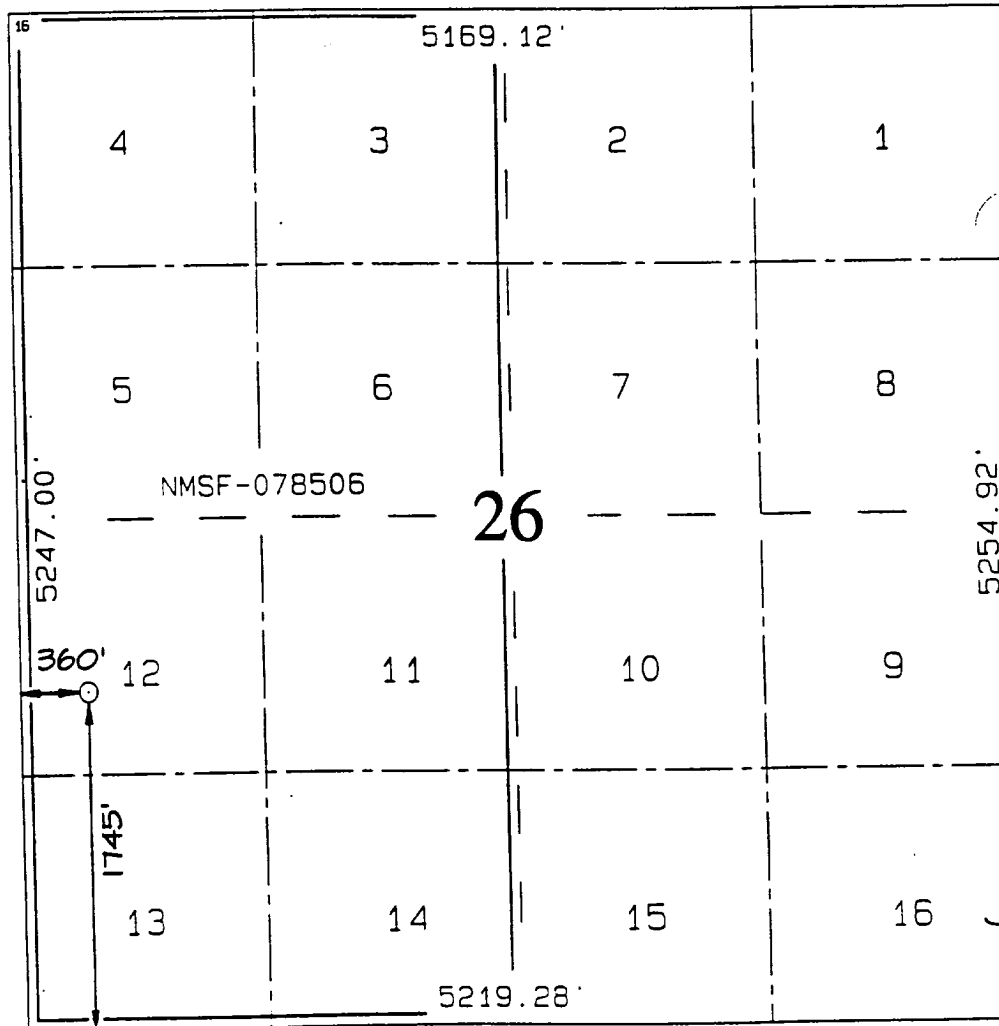
10 Surface Location

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
L	26	31N	9W		1745	SOUTH	360	WEST	SAN JUA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres W/312.96		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS 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.

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

2-15-99
Date

2-15-99
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 or under my supervision, and that the same is true and correct to the best of my belief.

JANUARY 8, 1999
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6852
REGISTERED PROFESSIONAL SURVEYOR
Certificate Number

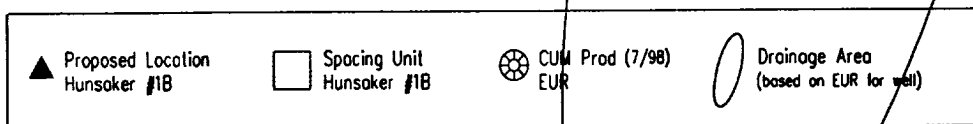
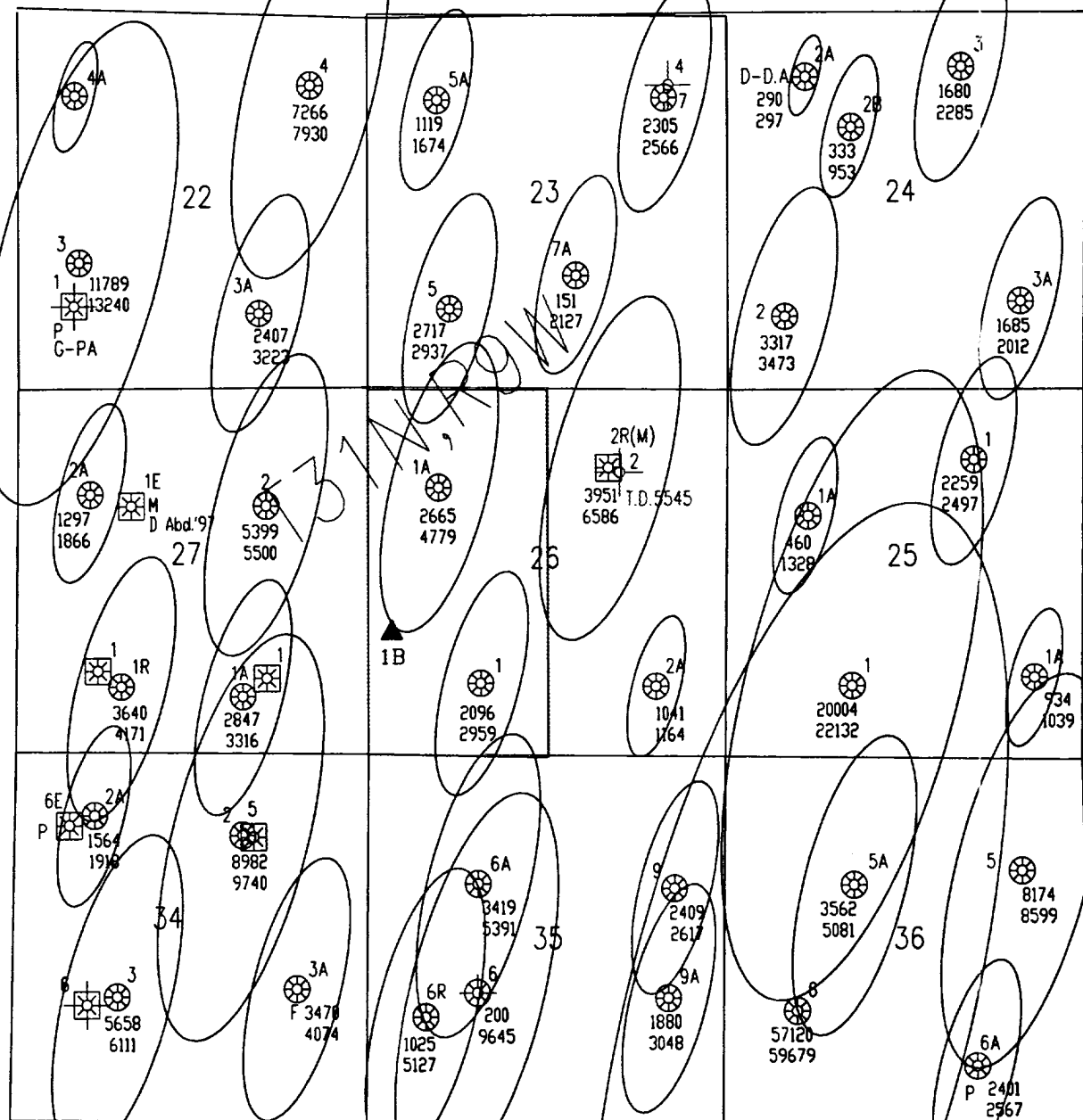
Proposed Hunsaker Well Number 1B
1745' FSL & 360' FWL
Section 26, T31N, R9W
San Juan County, New Mexico
Blanco Mesaverde Pool
Estimated TD 5555'

The location of the proposed test was selected to optimize recovery from the Mesaverde Group. The primary control on productivity in the Mesaverde is the density of natural fractures. Fracture orientation ranges from due north to north 30 degrees east. Gas drainage areas are elliptical in shape with the long axis parallel to the direction of fracture orientation. A drainage ellipse map of the project vicinity indicates that undeveloped gas reserves remain to be exploited in the W/2SW/4 of Section 26, T31N, R9W. The drainage ellipse map is based upon data derived from a larger study of the entire Blanco Mesaverde Pool (estimated ultimate recovery calculated for all wells in the Blanco Mesaverde Pool, original gas in place values calculated for entire Blanco Mesaverde Pool, etc.). Gross recoverable reserves of 1.542 BCFG are projected from the Mesaverde producing interval for the proposed test. Due to topographic and archeological restrictions, it is not possible to exploit the remaining gas reserves in the Mesaverde in W/2SW/4 of Section 26, T31N, R9W from a standard surface location.

Hunsaker #1B

Blanco Mesaverde

31N-9W-26

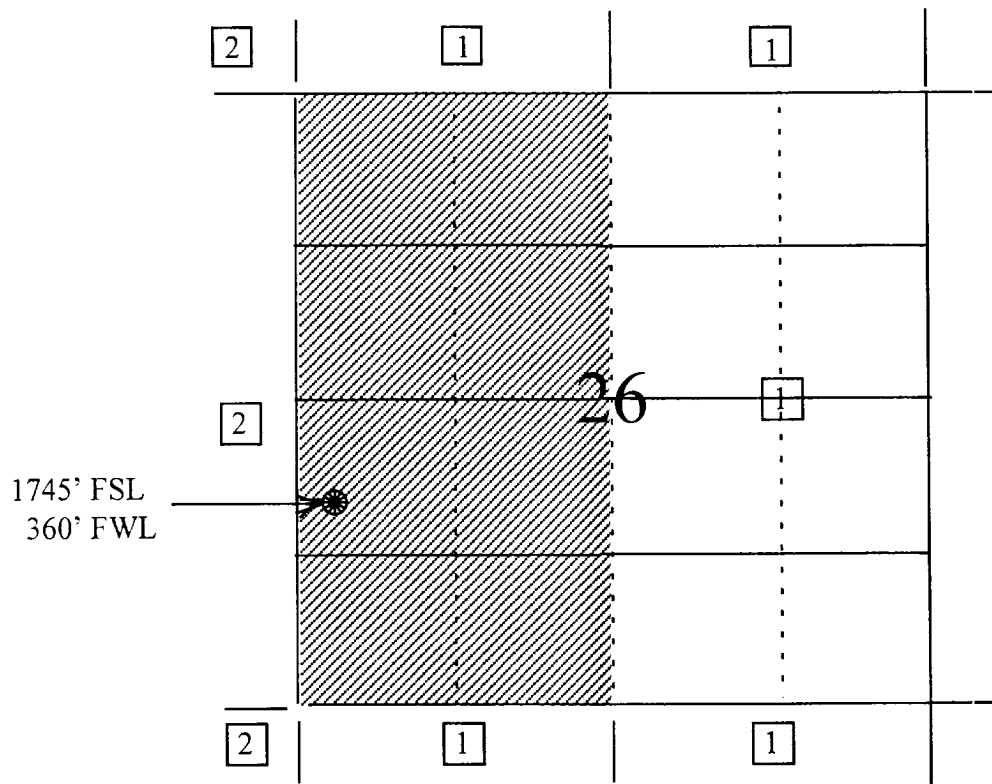


BURLINGTON RESOURCES OIL AND GAS COMPANY

**Hunsaker #1B
OFFSET OPERATOR \ OWNER PLAT
Nonstandard Location**

Mesaverde Formation Well

Township 31 North, Range 9 West



- 1) Burlington Resources
- 2) Amoco Production Company
San Juan Operation Center
200 Amoco Court
Farmington, NM 87401

Re: Hunsaker #1B
1745'FSL, 360'FWL Section 26, T-31-N, R-9-W, San Juan County
30-045-29847

I hereby certify that the following offset operators/owners have been mailed notification of our application for non-standard location to drill the referenced well.

Amoco Production Company
San Juan Operation Center
200 Amoco Court
Farmington, NM 87401

A handwritten signature in black ink, appearing to read "Peggy Bradfield". The signature is fluid and cursive, with the first name "Peggy" written in a larger, more prominent script than the last name "Bradfield".

Peggy Bradfield
Burlington Resources
Regulatory/Compliance Administrator