

DATE IN 5/21/99	SUSPENSE 6/10/99	ENGINEER MS	LOGGED MW	TYPE NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

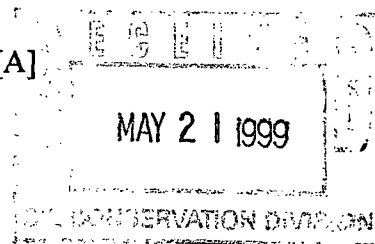
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
☒ NSL ☐ NSP ☐ DD ☐ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR



[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☒ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Bradfield

Regulatory/Compliance Administrator

Print or Type Name

Signature

Title

Date

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express

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

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'		
16. Acres in Lease	17. Acres Assigned to Well 312.96	
18. Distance from Proposed Location to Nearest Well, Drig, 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>[Signature]</u> (Regulatory/Compliance Administrator)	Date <u>8-15-99</u>	

PERMIT NO.

APPROVAL DATE

APR 13 1999

APPROVED BY

TITLE

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

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

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

Form C-10
Revised February 21, 1999
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

93 FEB 24 PM 12:33

☐ 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 18
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6100'

¹⁰ Surface Location

UL or lot no. L	Section 26	Township 31N	Range 9W	Lot Idn	Feet from the 1745	North/South line SOUTH	Feet from the 360	East/West line WEST	County SAN JUA
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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
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¹² Dedicated Acres W/312.96	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶	5169.12'		¹⁷ OPERATOR CERTIFICATION
4	3	2	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
			Signature Peggy Bradfield
			Printed Name Regulatory Administrator
			Title
			Date 2-15-99
5	6	7	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 6857 REGISTERED PROFESSIONAL SURVEYOR
			Certificate Number

5247.00'

360'

1745'

5254.92'

5219.28'

NMSF-078506

26

12

11

10

9

13

14

15

16

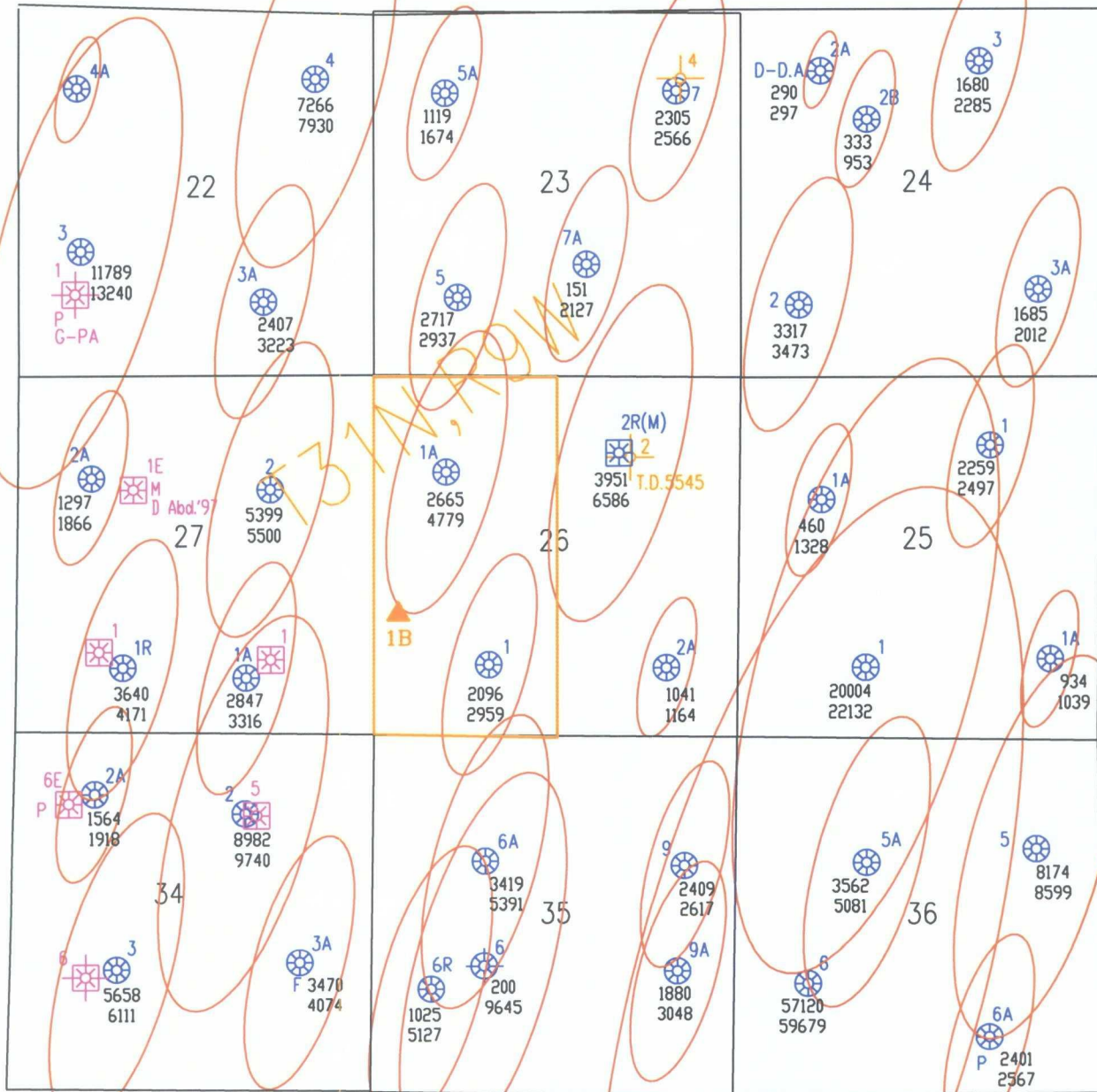
Proposed Hunsaker Well Number 1B
1745' FSL & 360' FWL
Section 26, T31N, R9W
San Juan County, New Mexico
Blanco Mesaverde Pool
Estimated TD 5555'

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

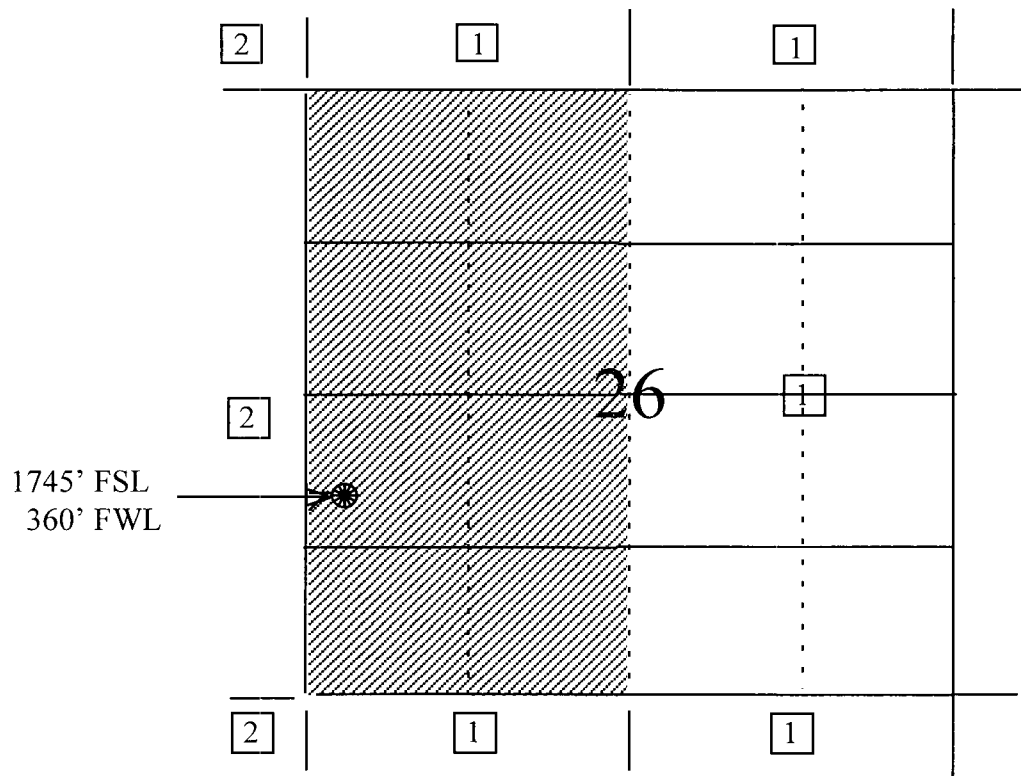


BURLINGTON RESOURCES OIL AND GAS COMPANY

**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

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/24/99 10:27:51
OGOMES -TPXC
PAGE NO: 2

Sec : 26 Twp : 31N Rng : 09W Section Type : NORMAL

12 39.16 Federal owned A	11 39.18 Federal owned	10 39.19 Federal owned	9 39.20 Federal owned
13 39.26 <u>78.42</u> Federal owned	14 39.27 <u>78.45</u> Federal owned A A	15 39.29 Federal owned A	16 39.30 Federal owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

784.2
7845
156.87
156.09
312.96

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

05/24/99 10:27:46
OGOMES -TPXC
PAGE NO: 1

Sec : 26 Twp : 31N Rng : 09W Section Type : NORMAL

⁴ 38.97 Federal owned 	³ 38.98 Federal owned 	² 38.99 Federal owned A A 	¹ 39.00 Federal owned
⁵ 39.06 <u>78.03</u> Federal owned A 	⁶ 39.08 <u>78.06</u> Federal owned 	⁷ 39.09 Federal owned 	⁸ 39.10 Federal owned

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

¹
78.03
78.06
156.09