

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
1b. Type of Well GAS	Unit Reporting Number
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
4. Location of Well 1745' FSL, 360' FWL Latitude 36° 52.0, Longitude 107° 45.4	9. Well Number 1B
14. Distance in Miles from Nearest Town 5 miles to Navajo Dam Post Office	10. Field, Pool, Wildcat Blanco Mesaverde
15. Distance from Proposed Location to Nearest Property or Lease Line 360'	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 26, T-31-N, R-9-W API # 30-045-29847
16. Acres in Lease	12. County San Juan
17. Acres Assigned to Well 312.96	13. State NM
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200'	19. Proposed Depth 5555'
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	24. Authorized by: <u>Juan Benfield</u> (Regulatory/Compliance Administrator)
	Date: <u>2-15-99</u>

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APR 15 1999

OIL CON. DIV.
DIST. 3

R-10957A

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

PERMIT NO. _____ APPROVAL DATE APR 15 1999
APPROVED BY JS/Duane W. Spencer TITLE Team Lead, Petroleum Management 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.

HOLD C104 FOR NSL

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-10
Revised February 21, 1997
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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION FLAT

¹ API Number 30-45- 29847		² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 7147	⁵ Property Name HUNSAKER		⁶ Well Number 1B
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		⁹ Elevation 6100'

¹⁰ Surface Location

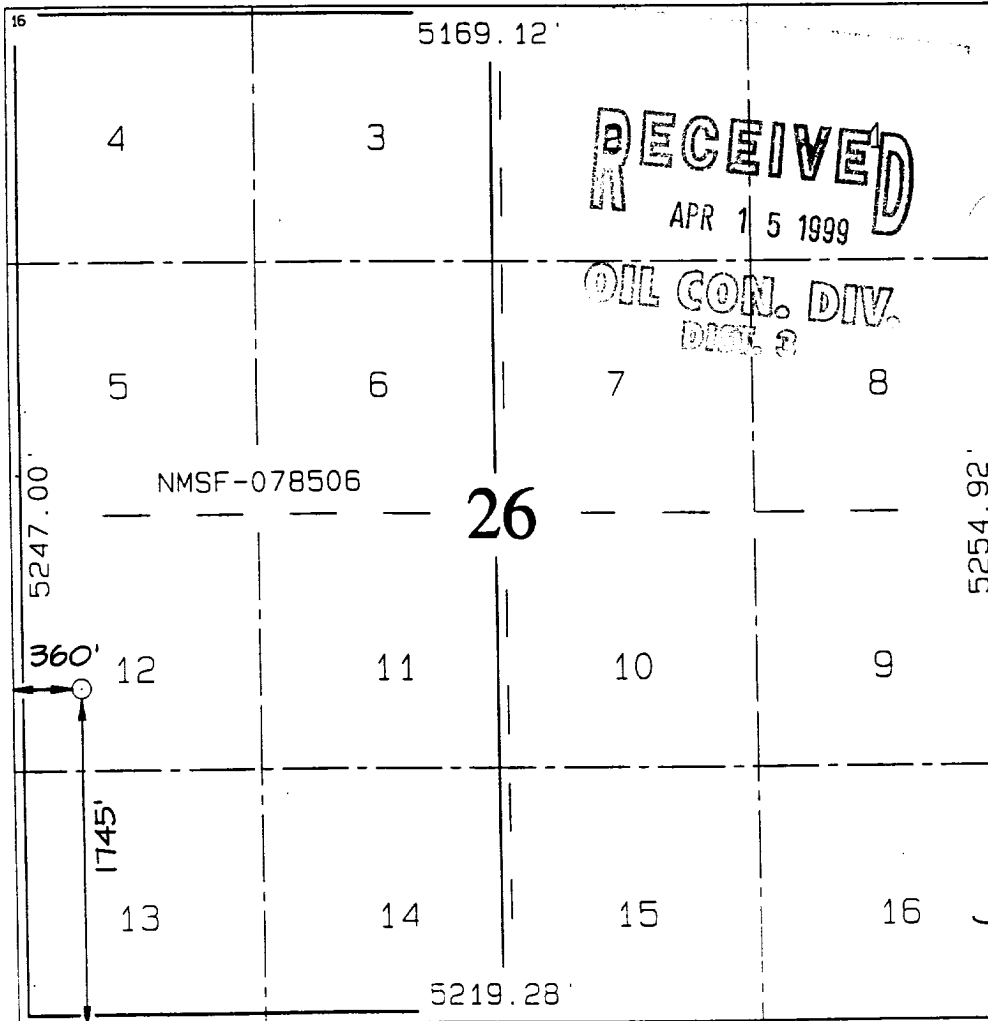
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	31N	9W		1745	SOUTH	360	WEST	SAN JUAN

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 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



¹⁷ OPERATOR CERTIFICATION

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

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DIST. 3

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
Date 2-15-99

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
Professional Surveyor
Certificate Number

OPERATIONS PLAN

Well Name: Hunsaker #1B
Location: 1745' FSL, 360' FWL, Sec. 26, T-31-N, R-9-W
San Juan County, NM
Latitude 36° 52.0, Longitude 107° 45.4
Formation: Blanco Mesa Verde
Elevation: 6100'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1625'	
Ojo Alamo	1625'	1733'	
Kirtland	1733'	2377'	
Fruitland	2377'	2922'	
Pictured Cliffs	2922'	3061'	
Lewis	3061'	3643'	
Intermediate TD	3161'		
Mesaverde	3643'	4004'	
Chacra	4004'	4748'	
Massive Cliff House	4748'	4810'	
Menefee	4810'	5155'	
Massive Point Lookout	5155'		
TD	5555'		

Logging Program:

Open hole - Array Ind - intermediate csg to surface
Neutron-Density - intermediate csg to 1733'
Cased hole - TDT - intermediate csg to 1733' (if open hole logs do not go)
GR/CBL - surface to TD

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3161'	LSND	8.4-9.0	30-60	no control
3161-5555'	Gas	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3161'	7"	23.0#	J-55
6 1/4"	3061' - 5555'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5555' 2 3/8" 4.70# EUE

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

