

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-078215A Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company <b>OIL CON. DIV. DIST. 3</b>	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Vanderslice 9. Well Number 1B
4. Location of Well 1840' FNL, 1980' FWL Latitude 36° 58.4, Longitude 107° 55.6	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 19, T-32-N, R-10-W API # 30-045- 30014
14. Distance in Miles from Nearest Town 13 miles from Aztec	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1840'	13. State NM
16. Acres in Lease This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4,	17. Acres Assigned to Well 319.97 W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200'	
19. Proposed Depth 5547'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6090' 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><i>Jean Cole</i></u> Regulatory/Compliance Administrator	<u>10-2-99</u> Date

PERMIT NO. \_\_\_\_\_ APPROVAL DATE DEC 1 1999  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 12/1/99

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.

*ase*

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

District II  
PO Drawer DD, 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

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

RECEIVED  
SUBMIT TO APPROPRIATE DISTRICT OFFICE

Form C-102  
Revised February 21, 1994  
Instructions on back  
State Lease - 4 Copies  
Fee Lease - 3 Copies

99 OCT 20 PM 2:06

070 FALLINGTON, NM

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045 30014		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 18633	*Property Name VANDERSLICE		*Well Number 1B
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6090'

10 Surface Location

UL or lot no. F	Section 19	Township 32N	Range 10W	Lot Idn	Feet from the 1840	North/South line NORTH	Feet from the 1980	East/West line WEST	County SAN JUAN
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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
12 Dedicated Acres W/319.97		13 Joint or Infill		14 Consolidation Code		15 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

16 1310.76' LOT 7	1334.52' LOT 6 1840'	2819.52' LOT 5	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature <i>Peggy Cole</i> Peggy Cole Printed Name Regulatory Administrator Title 10-2-99 Date
1980' LOT 8	680' LOT 9	OIL CON. DIV. DIST. 3	
5239.74' LOT 12	SF-078215-A LOT 11	19	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. SEPTEMBER 9, 1999 Date of Survey Signature and Seal of Professional Surveyor NEALE G. EDWARDS NEW MEXICO 6857 Certificate Number 6857
1346.40 LOT 13	1359.60' LOT 14	LOT 10	
		2719.20'	

## OPERATIONS PLAN

Well Name: Vanderslice #1B  
Surface Location: 1840' FNL, 1980' FWL, Section 19, T-32-N, R-10-W  
San Juan County, New Mexico  
Latitude 36° 58.4, Longitude 107° 55.6  
Formation: Blanco Mesa Verde  
Elevation: 6090' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1389'	aquifer
Ojo Alamo	1389'	1494'	aquifer
Kirtland	1494'	2287'	gas
Fruitland	2287'	2862'	gas
Pictured Cliffs	2862'	2997'	gas
Lewis	2997'	3549'	gas
Intermediate TD	3097'		
Mesa Verde	3549'	4010'	gas
Chacra	4010'	4723'	gas
Massive Cliff House	4723'	4792'	gas
Menefee	4792'	5147'	gas
Point Lookout	5147'		gas
Total Depth	5547'		

### Logging Program:

Cased hole logging - Gamma Ray, Cement bond from surface to TD  
Mud Logs/Coring/DST - none

### Mud Program:

<u>Interval- MD</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- 3097'	LSND	8.4-9.0	30-60	no control
3097- 5547'	Air/Mist	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>Measured Depth</u>	<u>Csg Size</u>	<u>Weight</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3097'	7"	20.0#	J-55
6 1/4"	2997' - 5547'	4 1/2"	10.5#	J-55

Tubing Program: 0' -5547' 2 3/8" 4.7# J-55

### 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.

1840' FNL & 1980' FWL, SECTION 19, T32N, R10W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

1200' NEW BLM CONSTRUCTION  
600' SWNW SECTION 19, T32N, R10W  
600' SE/NW SECTION 19, T32N, R10W.

