

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
BLM
99 MAR 12 PM 2:14
070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-078201
	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 Riddle A
	9. Well Number 3B
4. Location of Well 1010' FNL, 915' FWL Latitude 36° 48.1 , Longitude 107° 44.2	10. Field, Pool, Wildcat Blanco Mesaverde
	11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 24, T-30-N, R-9-W API# 30-045-29873
14. Distance in Miles from Nearest Town 2 miles to Navajo Dam Post Office	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 915'	
16. Acres in Lease	17. Acres Assigned to Well 320.00
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1200'	
19. Proposed Depth 5159'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5797' 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>Peggy Stahl</u> Regulatory/Compliance Administrator	1-28-99 Date

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY /s/ Joe Hewitt TITLE _____ DATE MAR 29 1999

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.

OK @

NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District II
PO Drawer DD, 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

99 MAR 12 PM 2:14

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29873	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7425	*Property Name RIDDLE A	*Well Number 3B
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 5797'

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
D	24	30N	9W		1010	NORTH	915	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/320	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		5259.54'		17 OPERATOR CERTIFICATION	
1010'		915'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
NMSF-078201		SF-078701-A		Signature Peggy Bradfield	
5259.54'		24		Printed Name Regulatory Administrator	
		3		Title 1-28-99	
		4		Date	
		6		18 SURVEYOR CERTIFICATION	
		5		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.	
		7		NOVEMBER 5, 1998	
		8		Date of Survey	
2629.44'		3124.44'		Signature and Seal of Professional Surveyor	
				NEALE C. EDWARDS NEW MEXICO 6857 Certification Number	

OPERATIONS PLAN

Well Name: Riddle A #3B
Location: 1010' FNL, 915' FWL, Sec. 24, T-30-N, R-9-W
San Juan County, NM
Latitude 36° 48.1, Longitude 107° 44.2
Formation: Blanco Mesa Verde
Elevation: 5797'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1286'	
Ojo Alamo	1286'	1475'	
Kirtland	1475'	1930'	
Fruitland	1930'	2529'	
Pictured Cliffs	2529'	2671'	
Lewis	2671'	3238'	
Intermediate TD	2771'		
Mesa Verde	3238'	3561'	
Chacra	3561'	4249'	
Massive Cliff House	4249'	4359'	
Menefee	4359'	4759'	
Massive Point Lookout	4759'		
TD	5159'		

Logging Program:

Open hole - Array Ind - intermediate csg to surface
Neutron/Den - intermediate csg to 1475'
Cased hole - TDT - intermediate csg to 1475' (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
200-2771'	LSND	8.4-9.0	30-60	no control
2771-5159'	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2771'	7"	20.0#	J-55
6 1/4"	2671' - 5159'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 5159' 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.

BURLINGTON RESOURCES OIL & GAS COMPANY RIDDLE A #3B

1010' FNL & 915' FWL, SECTION 24, T30N, R9W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NWNW SECTION 24, T30N, R9W.

