

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-078509
1b. Type of Well GAS	Unit Reporting Number
2. Operator 14538 BURLINGTON RESOURCES Oil & Gas Company	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 32-9 Unit
4. Location of Well 1360' FNL, 1360' FWL Latitude 36° 57.6, Longitude 107° 48.4	8. Farm or Lease Name San Juan 32-9 Unit
	9. Well Number 51A
	10. Field, Pool, Wildcat Blanco Mesa Verde
	11. Sec., Twn, Rge, Mer. (NMPM) Sec 29, T-32-N, R-9-W
	API # 30-045-
14. Distance in Miles from Nearest Town 4 miles to Navajo City	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1360'	
16. Acres in Lease	17. Acres Assigned to Well 320.12 W/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 3000'	
19. Proposed Depth 6124'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6559' 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>Regan Shaahied</u> Regulatory/Compliance Administrator	5-9-98 Date

PERMIT NO. _____

APPROVAL DATE JUN 11 1998

APPROVED BY [Signature]

TITLE Blanco Mesa

DATE JUN 11 1998

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.

Has 15 C-104 for NSI/E

NMOCD

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

District II
PO Drawer 00, 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-1
Revised February 21, 1988
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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 29622	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7473	*Property Name SAN JUAN 32-9 UNIT	*Well Number 51A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6559'

10 Surface Location

UL or lot no. F	Section 29	Township 32N	Range 9W	Lot Idn	Feet from the 1360	North/South line NORTH	Feet from the 1360	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
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12 Dedicated Acres W/320.12	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	5248.32'	17 OPERATOR CERTIFICATION	
4	3	2	1
1360'			
5	6	7	8
1360'			
5291.88'	SF-078509	29	
12	11	10	9
13	14	15	16
2668.38'		2648.58'	
		2627.46'	
		2640.66'	
			17 OPERATOR CERTIFICATION
			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 5-9-98
			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 me or under my supervision, and that the same is true and correct to the best of my belief.
			MARCH 16, 1998
			Date of Survey
			Signature and Seal of Registered Surveyor
			NEALE C. EDWARDS
			6857
			6559'
			Certificate No. 6857

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #51A
Location: 1360' FNL, 1360' FWL Section 29, T-32-N, R-9-W
San Juan County, New Mexico
Latitude 36° 57.6, Longitude 107° 48.4
Formation: Blanco Mesa Verde
Elevation: 6559' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2013'	aquifer
Ojo Alamo	2013'	2124'	aquifer
Kirtland	2124'	2803'	
Fruitland	2803'	3390'	
Pictured Cliffs	3390'	3532'	gas
Lewis	3532'	4130'	gas
Intermediate TD	3632'		
Huerfanito Bentonite	4130'	4581'	
Chacra	4581'	5358'	
Massive Cliff House	5358'	5404'	gas
Menefee	5404'	5724'	gas
Massive Point Lookout	5724'	6116'	gas
Mancos Shale	6116'		
Total Depth	6124'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
Coring/DST - none

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
200-3632'	LSND	8.4-9.0	30-60	no control
3632-6124'	Gas/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>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' - 3632'	7"	20.0#	J-55
6 1/4"	3532' - 6124'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6124' 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.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 32-9 UNIT #51A

1360' FNL & 1360' FWL, SECTION 29, T32N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

2900' NEW BLM CONSTRUCTION
100' NE/SE SECTION 30, T32N, R9W
100' SE/NE SECTION 30, T32N, R9W
1700' SW/NW SECTION 29, T32N, R9W
400' SE/NW SECTION 29, T32N, R9W

