

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

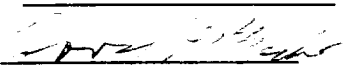
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

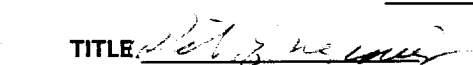
1a. Type of Work DRILL	5. Lease Number SF-078507070
1b. Type of Well GAS	Unit Reporting Number
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 32-9 Unit
4. Location of Well 1415' FSL, 590' FEL Latitude 36° 57.1, Longitude 107° 49.7	8. Farm or Lease Name San Juan 32-9 Unit 7463 9. Well Number 50A
10. Field, Pool, Wildcat Blanco Mesa Verde 72319 11. Sec, Twn, Rge, Mer. (NMPM) Sec 25, T-32-N, R-10-W API # 30-045- 29620	12. County San Juan
13. State NM	14. Distance in Miles from Nearest Town 4 miles to Cedar Hill
15. Distance from Proposed Location to Nearest Property or Lease Line 590'	16. Acres in Lease
17. Acres Assigned to Well 320 E/2 296.82	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1600'
19. Proposed Depth 6146'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6593' 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:  Regulatory/Compliance Administrator	5-9-98 Date

PERMIT NO. _____

APPROVAL DATE

JUN 11 1998

APPROVED BY 

TITLE 

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.

Held C-104 For NSL (E) NMOC

District I
PO Box 1990, Hobbs, NM 88241-1990

State of New Mexico
Energy, Minerals & Natural Resources Department

Form
Revised February 21, 1998

District II
PO Drawer 20, Artesia, NM 88211-0719

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

Submit to Appropriate District
State Lease - 4
Fee Lease - 3

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED RE

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29620	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7473	Property Name SAN JUAN 32-9 UNIT	Well Number 50A
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6593'

10 Surface Location

UL or lot no. I	Section 25	Township 32N	Range 10W	Lot 10n	Feet from the 1415	North/South line SOUTH	Feet from the 590	East/West line EAST	Co. SAN
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	Co.
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12 Dedicated Acres E1320 296.87	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	4992.24'	17 OPERATOR CERTIFICATION	
4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16
5247.00'	25	SF-078507	2484.90'
5041.03'			590'
			1415'
			2605.68'
			6593'
			NEALE C. EDWARDS NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 6857

Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
5-9-98
Date
MARCH 17, 1998
Date of Survey
Signature and Seal of Registered Professional Surveyor
Certificate No.

OPERATIONS PLAN

Well Name: San Juan 32-9 Unit #50A
Location: 1415' FSL, 590' FEL Section 25, T-32-N, R-10-W
San Juan County, New Mexico
Latitude 36° 57.1, Longitude 107° 49.7
Formation: Blanco Mesa Verde
Elevation: 6593' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1978'	aquifer
Ojo Alamo	1978'	2088'	aquifer
Kirtland	2088'	2821'	
Fruitland	2821'	3441'	
Pictured Cliffs	3441'	3583'	gas
Lewis	3583'	4164'	gas
Intermediate TD	3683'		
Huerfanito Bentonite	4164'	4606'	
Chacra	4606'	5383'	
Massive Cliff House	5383'	5428'	gas
Menefee	5428'	5746'	gas
Massive Point Lookout	5746'	6137'	gas
Mancos Shale	6137'		
Total Depth	6146'		

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
200-3683'	LSND	8.4-9.0	30-60	no control
3683-6146'	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' - 3683'	7"	20.0#	J-55
6 1/4"	3583' - 6146'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6146' 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 #50A

1415' FSL & 590' FEL, SECTION 25, T32N, R10W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

1500' NEW BLM CONSTRUCTION
1000' SW/SW SECTION 30, T32N, R9W
100' SE/SE SECTION 25, T32N, R10W
400' NE/SE SECTION 25, T32N, R10W

