

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SE-078954 NM Unit Reporting Number 891001650A	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name 9465 San Juan 29-7 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 29-7 Unit Well Number 90B	
4. Location of Well 1120' FNL, 900' FEL Latitude 36° 45.6, Longitude 107° 35'	10. Field, Pool, Wildcat Blanco Mesaverde Sec., Twn, Rge, Mer. (NMPM) Sec. 5, T-29-N, R-7-W AP# 30-039-26153	
14. Distance in Miles from Nearest Town 1 mile from Navajo City	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 900'	17. Acres Assigned to Well 315.94 E/2	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 300'		
19. Proposed Depth 5583'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6164' 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>[Signature]</u> Regulatory/Compliance Administrator	Date 2-1-99	

PERMIT NO. _____

APPROVAL DATE

APR 14 1999

APPROVED BY AS/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.

NMCCD

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 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

RECEIVED
JAN 25 PM 12:43
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-26153	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7465	*Property Name SAN JUAN 29-7 UNIT	*Well Number 90B
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6164'

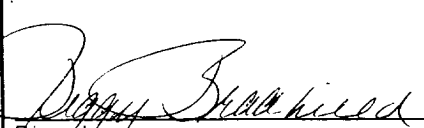
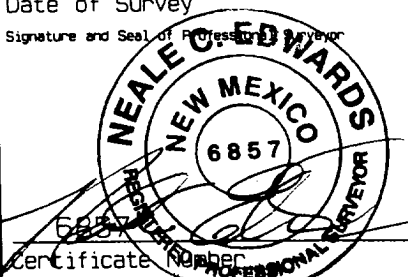
¹⁰ Surface Location

UL or lot no. A	Section 5	Township 29N	Range 7W	Lot Idn	Feet from the 1120	North/South line NORTH	Feet from the 900	East/West line EAST	County RIO ARriba
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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 E/315.94		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 5192.22' RECEIVED APR 9 1999 OIL CON. DIV. BELL 3	5280.00'				5 NMSF-078951 5281.32'	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 2-1-99 Date
	5280.00'					
	5280.00'					
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. JANUARY 11, 1999 Date of Survey  Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number						

OPERATIONS PLAN

Well Name: San Juan 29-7 Unit #90B
Surface Location: 1120' FNL, 900' FEL, Section 5, T-29-N, R-7-W
Rio Arriba County, New Mexico
Latitude 36° 45.6, Longitude 107° 35.3

Formation: Blanco Mesa Verde
Elevation: 6164' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1996'	aquifer
Ojo Alamo	1996'	2140'	aquifer
Kirtland	2140'	2565'	gas
Fruitland	2565'	2966'	gas
Pictured Cliffs	2966'	3166'	gas
Lewis	3166'	3752'	gas
Intermediate TD	3266'		
Mesa Verde	3752'	4011'	gas
Chacra	4011'	4729'	gas
Massive Cliff House	4729'	4843'	gas
Menefee	4843'	5183'	gas
Point Lookout	5183'		gas
Total Depth	5583'		

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- 2250'	LSND	8.4-9.0	30-60	no control
2250- 5583'	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' - 2250'	7"	20.0#	J-55
6 1/4"	2150' - 5583'	4 1/2"	10.5#	J-55

Tubing Program: 0' - 5583' 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 29-7 UNIT #90B

1120' FNL & 900' FEL, SECTION 5, T29N, R7W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NE/NE SECTION 5, T29N, R7W.

