

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-079731 Unit Reporting Number 8910009330	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 28-4 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-4 Unit 9. Well Number 5B	
4. Location of Well 145' FNL, 1600' FEL Latitude 36° 37.4, Longitude 107° 16.2	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) B Sec. 32, T-28-N, R-4-W API # 30-039-26289	
14. Distance in Miles from Nearest Town 13 miles from Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 145'	17. Acres Assigned to Well 320 N/2	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1800'	
19. Proposed Depth 6854' -	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7367' 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" 12-7-99	
24. Authorized by: <i>Peggy Cole</i> Regulatory/Compliance Administrator	Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY /s/ Jim Lovato TITLE _____ DATE JUN 21 2000

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.

NMOC

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

Form C-102
Revised February 21, 1994
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 30-039-26789		Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 7459	Property Name SAN JUAN 28-4 UNIT		Well Number 58
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 7367

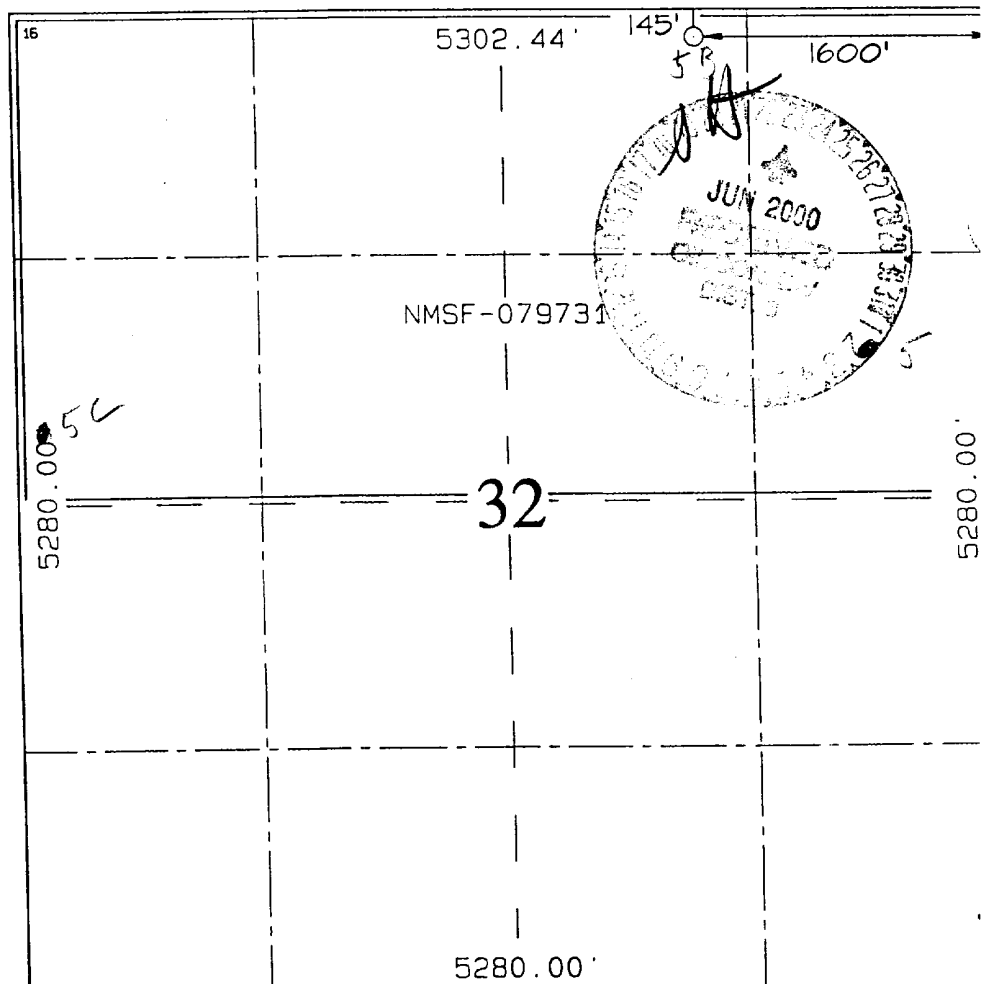
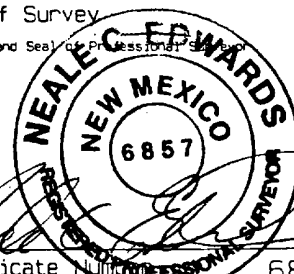
10 Surface Location

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
B	32	28N	4W		145	NORTH	1600	EAST	RIO ARriba

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	County
Dedicated Acres N/320		Joint or Infill		Consolidation Code		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

	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Peggy Cole</i> Signature Peggy Cole Printed Name Regulatory Administrator Title 12-6-99 Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>OCTOBER 27, 1999 Date of Survey</p> <p><i>Neale C. Edwards</i> Signature and Seal of Professional Surveyor  Certificate 6857</p>

OPERATIONS PLAN

Well Name: San Juan 28-4 Unit #5B
Surface Location: 145' FNL, 1600' FEL, Section 32, T-28-N, R-4-W
Rio Arriba County, New Mexico
Latitude 36° 37.4, Longitude 107° 16.2
Formation: Blanco Mesa Verde
Elevation: 7367' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	3754'	aquifer
Ojo Alamo	3754'	3859'	aquifer
Kirtland	3859'	3933'	gas
Fruitland	3933'	4309'	gas
Pictured Cliffs	4309'	4416'	gas
Lewis	4416'	4907'	gas
Intermediate TD	4516'		
Mesa Verde	4907'	5287'	gas
Chacra	5287'	6097'	gas
Massive Cliff House	6097'	6154'	gas
Menefee	6154'	6454'	gas
Point Lookout	6454'		gas
Total Depth	6854'		

Logging Program:

Cased hole Gamma Ray, Cement bond - 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- 4516'	LSND	8.4-9.0	30-60	no control
4516- 6854'	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' - 4516'	7"	20.0#	J-55
6 1/4"	4416' - 6854'	4 1/2"	10.5#	J-55

Tubing Program: 0' -6854' 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.

Intermediate TD to Total Depth -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out intermediate casing, rams and casing will be tested to 1500 psi for 30 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 28-4 UNIT #5B

145' FNL & 1600' FEL, SECTION 32, T28N, R4W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NWNE SECTION 32, T28N, R4W

