

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-079392	Unit Reporting Number 8910009500- Dk 891000950A-MV Indian, All. or Tribe
1b. Type of Well GAS	RECEIVED OCT - 9 1998	
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	OIL CON. DIV. DIST. 3	Unit Agreement Name San Juan 27-5 Unit 7454
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 27-5 Unit	9. Well Number 133M
4. Location of Well 825' FNL, 1850' FWL Latitude 36° 33.9, Longitude 107° 24.2	10. Field, Pool, Wildcat Blanco MV/Basin Dk 71599	11. Sec., Twn, Rge, Mer. (NMPM) Sec 19, T-27-N, R-5-W API # 30-039-25978
14. Distance in Miles from Nearest Town 8 miles to Gobernador	12. County RA	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 825'	17. Acres Assigned to Well W/ 321.76 W/ 321.76	
16. Acres in Lease	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 825'	
19. Proposed Procedural review pursuant to 43 CFR 3165.3, and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6398' 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><i>Randy Shannick</i></u> Regulatory/Compliance Administrator	6-16-98 Date	

PERMIT NO. _____

APPROVAL DATE OCT 07 1998

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE OCT - 7 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.

NMOCD

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

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

Form C-1

Revised February 21, 19

Instructions on B2

Submit to Appropriate District Office

State Lease - 4 Cop:

Fee Lease - 3 Cop:

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039- 25978		Pool Code 72319/71599		Pool Name Blanco Mesaverde/Basin Dakota	
Property Code 7454		Property Name SAN JUAN 27-5 UNIT			Well Number 133M
CGRID No. 14538		Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevation 6398'

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
C	19	27N	5W		825	NORTH	1850	WEST	RIO ARriba

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 MV-W/321.76 DK-W/321.76		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		2700.06'		17 OPERATOR CERTIFICATION	
1368.18'		1349.70'		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
1		825'		Signature <u>Peggy Bradfield</u>	
1850'				Printed Name <u>Peggy Bradfield</u>	
				Regulatory Administrator <u>6-16-98</u>	
				Title <u>6-16-98</u>	
				Date <u>6-16-98</u>	
2				18 SURVEYOR CERTIFICATION	
NMSF-079392		19		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision and that the same is true and correct to the best of my belief.	
3				APRIL 21, 1998	
5266.80'				Date of Survey	
				Signature and Seal of Professional Surveyor	
1393.26'		1382.04'		NEALE C. EDWARDS NEW MEXICO 6857 PROFESSIONAL SURVEYOR	
				Certificate Number	
		2763.42'			

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #133M
Location: 825'FNL, 1850'FWL Sec 19, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 33.9, Longitude 107° 24.2
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6398'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2502'	
Ojo Alamo	2502'	2659'	aquifer
Kirtland	2659'	2810'	
Fruitland	2810'	3141'	gas
Pictured Cliffs	3141'	3218'	gas
Lewis	3218'	3604'	gas
Intermediate TD	3318'		
Huerfanito Bentonite	3604'	4098'	gas
Chacra	4098'	4774'	
Massive Cliff House	4774'	4897'	gas
Menefee	4897'	5271'	gas
Massive Point Lookout	5271'	5767'	gas
Mancos Shale	5767'	6465'	
Gallup	6465'	7233'	gas
Greenhorn	7233'	7293'	gas
Dakota	7293'		gas
TD (4 1/2"liner)	7573'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

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
200-3318'	LSND	8.4-9.0	30-60	no control
3318-7573'	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>Csg.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3318'	7"	20.0#	J-55
6 1/4"	3218' - 7573'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 7573' 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.

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 UNIT 27-5 #133M
825' FNL & 1850' FWL, SECTION 19, T27N, R5W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

400' NEW FEE CONSTRUCTION
NE/NW SECTION 19, T27N, R5W

