

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-080669 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	7. Unit Agreement Name San Juan 27-4 Unit 7452
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87401 (505) 326-9700	8. Farm or Lease Name San Juan 27-4 Unit 9. Well Number 14M
4. Location of Well 1850' FNL, 1850' FWL Latitude 36° 34.5, Longitude 107° 17.6	10. Field, Pool, Wildcat 72319 Blanco MV/Basin Dk 71589 11. Sec., Twn, Rge, Mer. (NMPM) F Sec 18, T-27-N, R-4-W API # 30-039- 25924
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 1850'	
16. Acres in Lease	17. Acres Assigned to Well W/p 321.12 W/2 321.12
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 8061'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6714' GR	22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	Date 5-9-98

PERMIT NO. _____

APPROVAL DATE 7/24/98

APPROVED BY _____

TITLE _____

DATE 7/24/98

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.

OK @

NMCCB

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

State of New Mexico
Energy Minerals & Natural Resources Department

Form C-
Revised February 21, 1998

District II
PO Drawer 00, Artesia, NM 88211-0719

Instructions on b
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

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

5/11/21 PM 1:48 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 25924	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT	*Well Number 14M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6714'

10 Surface Location

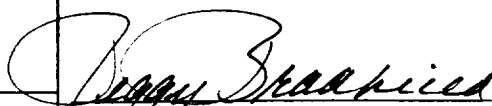
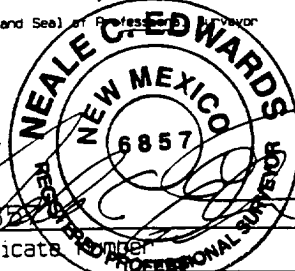
UL or lot no. F	Section 18	Township 27N	Range 4W	Lot Idn	Feet from the 1850	North/South line NORTH	Feet from the 1850	East/West line WEST	County RIO ARriba
--------------------	---------------	-----------------	-------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------------

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/321.12, DK-W/321.12	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	5287.26'	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
1 NMSF-080669 1850' 2 5280.00' 18 5291.22'	1850' 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. FEBRUARY 10, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-4 Unit #14M
Location: 1850' FNL, 1850' FWL Sec 18, T-27-N, R-4-W
Rio Arriba County, NM
Latitude 36° 34.5, Longitude 107° 17.6
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6714' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2989'	
Ojo Alamo	2989'	3130'	aquifer
Kirtland	3130'	3225'	
Fruitland	3225'	3581'	gas
Pictured Cliffs	3581'	3659'	gas
Lewis	3659'	4082'	gas
Intermediate TD	3759'		
Huerfanito Bentonite	4082'	4528'	gas
Chacra	4528'	5245'	
Massive Cliff House	5245'	5444'	gas
Menefee	5444'	5737'	gas
Massive Point Lookout	5737'	6246'	gas
Mancos Shale	6246'	6899'	
Gallup	6899'	7676'	gas
Greenhorn	7676'	7826'	gas
Dakota	7826'		gas
TD (4 1/2" liner)	8061'		

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
200-3759'	LSND	8.4-9.0	30-60	no control
3759-8061'	Gas/Air	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' - 3759'	7"	20.0#	J-55
6 1/4"	3659' - 8061'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 8061' 2 3/8" 4.70# EUE

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-4 UNIT #14M
1850' FNL & 1850' FWL, SECTION 18, T27N, R4W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SE/NW SECTION 18, T27N, R4W

