

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 NM-011393 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Cleveland 9. Well Number 2R
4. Location of Well 925' FSL, 745' FEL Latitude 36° 33.3, Longitude 107° 48.3	10. Field, Pool, Wildcat Fulcher Kutz Pict'd Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 20, T-27-N, R-9-W API # 30-045-29795
14. Distance in Miles from Nearest Town 9 miles to Blanco	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 745'	
16. Acres in Lease	17. Acres Assigned to Well 160.00
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 150'	
19. Proposed Depth 2324'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6267' GR	22. Approx. Date Work will Start 11-6-98
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>[Signature]</i> (Regulatory/Compliance Administrator)	Date

PERMIT NO. _____

APPROVAL DATE

JAN 20 1999

APPROVED BY */s/ Duane W. Spencer*

TITLE _____

DATE JAN 20 1999

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.

HOLD C104 FOR *NSL* (9)

NM000

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

District II
PO Drawer 80, 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 O-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29795	Pool Code 77200	Pool Name Fulcher Kutz Pictured Cliffs
Property Code 6916	Property Name CLEVELAND	Well Number 2R
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6267

10 Surface Location

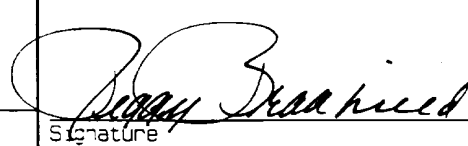
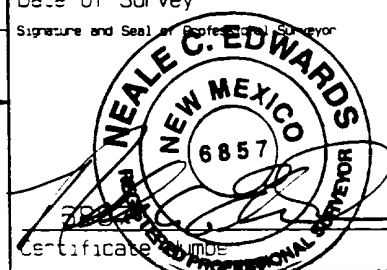
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	27N	9W		925	SOUTH	745	EAST	SAN JUAN

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 SE/160	13 Joint or Infill	14 Consolidation Code	15 Order No.
------------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	5256.24'	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 11-6-98 Date
5239.08'	20	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. JULY 24, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate
	NM-011393	
	745'	
	925'	
	5245.02'	

OPERATIONS PLAN

Well Name: Cleveland #2R
Location: 925' FSL, 745' FEL, Section 20, T-27-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 33.3', Longitude 107° 48.3'
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 6267'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1264'	
Ojo Alamo	1264'	1350'	aquifer
Kirtland	1350'	1822'	
Fruitland	1822'	2124'	gas
Pictured Cliffs	2124'		gas
Total Depth	2324'		

Logging Program: SP - Hi Res Ind from TD to Surface Casing
 Bulk Den & Den/Neut from TD to top of Kirtland

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-9.0	40-50	no control
120-2324'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program (as listed, equivalent, or better):

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 2324'	3 1/2"	9.3#	J-55

Tubing Program: - none

Float Equipment: 7" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

3 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 1350'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1350'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

APD MAP #1

NO NEW CONSTRUCTION
SE/SE SECTION 20, T27N, R9W

