UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	APPLICATION FOR PERMIT TO DRIL	L, DEEPEN, OR PLUG BACK
1a.		5. Lease Number NM-02861
	OND CHARMACON CONTRACT	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
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Name 7273 Lodewick 9. Well Number
	(505) 326-9700	3. Well Number 3R
4.	Location of Well 1560'FNL, 1850'FWL	10. Field, Pool, Wildcat 7720- Fulcher Kutz Pic.Cliffs
	Latitude 36° 33.42, Longitude 107° 49.9	11. Sec., Twn, Rge, Mer. (NMPM) F Sec 19, T-27-N, R-9-W API # 30-045- 29536
14.	Distance in Miles from Nearest Town 16 miles to Bloomfield	12. County 13. State San Juan NM
15.	Distance from Proposed Location to Nearest Property or 1560'	Lease Line
16.	Acres in Lease	17. Acres Assigned to Well 160.68
18.	Distance from Proposed Location to Nearest Well, Drlg, (Compl, or Applied for on this Lease
19.	Proposed Depth 2550' This action is subject to technical and procedural review pursuant to 43 CF and appeal pursuant to 43 CFR 3165	P 3166.9 20. Rotary or Cable Tools
21.	Elevations (DF, FT, GR, Etc.) 6501'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: Segulatory/Compliance Admini	12/30/97 Istrator Date
PERN	MIT NO APPR	IOVAL DATE FEB 1 1 1998
APPF	ROVED BYS/ Duane W. Spencer TITLE	DATEEB 1 1998
Threa	naeological Report submitted natened and Endangered Species Report submitted E: This format is issued in lieu of U.S. BLM Form 3160-3	DECEIVEN
		M FEB 1 7 1993 W

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OIL CON. DIV. DIST. 3 programme (1995年) (1

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

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-10 Revised February 21, 199 Instructions on bac Submit to Appropriate District Offic

District II PO Drawer OD. Artesia. NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec. NM 87410

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 State Lease - 4 Copie Fee Lease - 3 Copie

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

Public Superator Superat	'API Numbe	r	Pool Code			'Pool Nan	ne	
Property Code 72.73 LODEWICK 145.38 BURLINGTON RESOURCES OIL & GAS COMPANY 6501 Section 1 service Section Sec	30-045-29534	77200	Ful	cher Kutz I	Pictured (Cliffs		
BURLINGTON RESOURCES OIL & GAS COMPANY 6501 19 Surface Location 10 Surface Location 10 Surface Location 11 Bottom Hole Location If Different From Surface 11 Bottom Hole Location If Different From Surface 12 Description Committee Country 13 Bottom Hole Location If Different From Surface 14 Description Across 15 Description Country 16 Description Country 17 Description Country 18 Description Country 19 Description Country	,	······	Property Name					
10 Surface Location (L. 6" Det 70 Section Township Surface Townsh	'OGRID No.							
Section Sectio	14538	BU	JRLINGTON	RESOURCES	OIL & GAS	COMPANY		6501
F 19 27N 9W 1550 North 1850 West SAN JUAN 13 Bottom Hole Location If Different From Surface 14 Original Region Lot lon Feet from two North/South Line Feet from two Emericant Long County 15 Decidated Acres 160.68 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 1338.48 1308.78 2631.42 1 NM-02861 1 NM-02861 1 NM-02861 1 NM-02861 1 NM-02862 1 NM-02863 1 NM-0286				¹⁰ Surface	Location			
DECISION Section Township Range Lot in feet from the North-South line Feet from the East-Americal County **Determination of Infilit **Connection Cooks** **		27N 9	W	1			1	
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OPERATIONS PLAN

Well Name: Lodewick #3R

Location: 1560'FNL, 1850'FWL Section 19, T-27-N, R-9-W

San Juan County, New Mexico

Latitude 36^o 33.42', Longitude 107^o 49.9'

Formation: Fulcher Kutz Pictured Cliffs

Elevation: 6501'GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1449'	
Ojo Alamo	1449'	1607'	aquifer
Kirtland	1607'	2115'	
Fruitland	2115'	2257'	
Upper Coal	2257'	2355′	gas
Basal Coal	2355'	2379′	gas
Pictured Cliffs	2379'		gas
Total Depth	2550'		

Logging Program: Hi Res Ind, Den/Neut, MRL/GR to Total Depth.

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	Fluid Loss
0- 120'	Spud	8.4-9.0	40-50	no control
120-2550'	LSND	8.4-9.0	40-60	no control

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq.Size</u>	Wt.	<u>Grade</u>
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2550'	3 1/2"	7.7#	WC-70

Tubing Program: - none

Float Equipment: 8 5/8" 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 @ 1607'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1607'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

