

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-065557A 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 (505) 326-9700	8. Farm or Lease Name 6928 Cornell 9. Well Number 3R
4. Location of Well 1450' FSL, 1190' FEL Latitude 36° 45.1, Longitude 108° 02.7	10. Field, Pool, Wildcat 77200 Fulcher Kutz Pic.Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) I Sec 1, T-29-N, R-12-W API # 30-045-29539
14. Distance in Miles from Nearest Town 6 miles to Farmington	12. County SJ 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1190'	17. Acres Assigned to Well SE/4 159.6
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 500'	
19. Proposed Depth 2200'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5829' 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>Deann Isaac</u> Regulatory/Compliance Administrator	<u>2/6/98</u> Date

PERMIT NO. _____

APPROVAL DATE MAR 03 1998

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE MAR -3 1998

Archaeological Report submitted

Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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

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

Form C-102

Revised February 21, 1997

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

SEP 24 11:07

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29539		*Pool Code 77200	*Pool Name Fulcher Kutz Pictured Cliffs
*Property Code 6928	*Property Name CORNELL		*Well Number 3R
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5829'

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
I	1	29N	12W		1450	South	1190	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 159.60	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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 1321.98'	4	3	6	5	1203.18'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 2/6/98 Date
	1313.40'	7	8	1345.74'		
2627.46'	12	11	10 SF-065557A	9	2631.42'	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. JANUARY 7, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
	13	14	15	16		

5237.76'

5305.08'

1190'

1450'

OPERATIONS PLAN

Well Name: Cornell #3R
Location: 1450' FSL, 1190' FEL Section 1, T-29-N, R-12-W
 San Juan County, New Mexico
 Latitude 36° 45.1', Longitude 108° 02.7'
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 5829' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	528'	
Ojo Alamo	528'	737'	aquifer
Kirtland	737'	1642'	
Fruitland	1737'	1963'	
Upper Coal	1805'	1918'	gas
Basal Coal	1918'	1963'	gas
Pictured Cliffs	1963'		gas
Total Depth	2200'		

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

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-9.0	40-50	no control
120-2200'	LSND	8.4-9.0	40-60	no control

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

Hole Size	Depth Interval	Csq. Size	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2200'	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 @ 737'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 737'. 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.

