

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR - 9 1993 OIL CON. DIV. DIST. 3	5. Lease Number SF-065557A Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	7. Unit Agreement Name	8. Farm or Lease Name 6928 Cornell
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	9. Well Number 5R	10. Field, Pool, Wildcat 772 nd Fulcher Kutz Pic.Cliffs
4. Location of Well 970' FNL, 990' FEL Latitude 36° 45.6, Longitude 108° 02.6	11. Sec., Twn, Rge, Mer. (NMPM) Sec 1, T-29-N, R-12-W AP # 30-045-29538	12. County SJ
14. Distance in Miles from Nearest Town 6 miles to Farmington	13. State NM	15. Distance from Proposed Location to Nearest Property or Lease Line 970'
16. Acres in Lease This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and special provisions of 43 CFR 3103.4.	17. Acres Assigned to Well NE/4 159.6	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 500'
19. Proposed Depth 2200'	20. Rotary or Cable Tools Rotary	21. Elevations (DF, FT, GR, Etc.) 5848' GR
23. Proposed Casing and Cementing Program See Operations Plan attached	22. Approx. Date Work will Start	24. Authorized by: <i>Duane W. Spencer</i> Regulatory/Compliance Administrator
24. Date 2/6/98		

PERMIT NO. _____

APPROVAL DATE MAR 9 1993

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE MAR - 6 1993

Archaeological Report submitted

Threatened and Endangered Species Report submitted

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

10-11-2010
10-11-2010

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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

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

RECEIVED
JAN 19 11 1:07 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-24538		*Pool Code 77200	*Pool Name Fulcher Kutz Pictured Cliffs
*Property Code 6928	*Property Name CORNELL		*Well Number 5R
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5848'

¹⁰ Surface Location

UL or lot no. A	Section 1	Township 29N	Range 12W	Lot Idn	Feet from the 970	North/South line North	Feet from the 990	East/West line East	County SAN JUAN
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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
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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				¹⁷ OPERATOR CERTIFICATION		
5237.76'				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.		
1321.98'	4	3	6	970'	5	
1313.40'				990'	1203.18'	
RECEIVED MAR - 9 1998 OIL CON. DIV. DIST. 3				SF-065557A	8	
1				1345.74'	Signature Peggy Bradfield	
12				11	10	9
2627.46'				Printed Name Regulatory Administrator		
13				14	15	16
5305.08'				Title 2/6/98		
				Date		
				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		
				NEALE C. EDWARDS NEW MEXICO 6857		
				Certificate Number		

THE
LIBRARY OF THE
MUSEUM OF MODERN ART
1000 5th Ave. New York 17, N.Y.

OPERATIONS PLAN

Well Name: Cornell #5R
Location: 970' FNL, 990' FEL Section 1, T-29-N, R-12-W
 San Juan County, New Mexico
 Latitude 36° 45.6', Longitude 108° 02.6'
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 5848' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	636'	
Ojo Alamo	636'	800'	aquifer
Kirtland	800'	1642'	
Fruitland	1652'	2019'	
Upper Coal	1768'	1959'	gas
Basal Coal	1959'	2019'	gas
Pictured Cliffs	2019'		gas
Total Depth	2200'		

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>	<u>Fluid Loss</u>
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):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
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 @ 800'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 800'. 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.

BURLINGTON RESOURCES OIL & GAS COMPANY CORNELL #5R

970' FNL & 990' FEL, SECTION 1, T29N, R12W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

BLM 200' NEW CONSTRUCTION
NE/NE SECTION 1, T29N, R12W

