

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

97 FEB 10 PM 1:25

1a. Type of Work DRILL	5. Lease Number SF-077951 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
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7034 Frost 9. Well Number 1R
4. Location of Well 1510' FNL, 255' FEL Latitude 36° 32.97, Longitude 107° 51.37	10. Field, Pool, Wildcat 77200 Fulcher-Kutz Pic.Cliffs 11. Sec, Twn, Rge, Mer. (NMPM) H Sec 26, T-27-N, R-10-W API # 30-045-29462
14. Distance in Miles from Nearest Town 9 miles to Huerfano	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 255'	
16. Acres in Lease	17. Acres Assigned to Well 160 NE/4
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 250'	
19. Proposed Depth 2700'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6661' 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><i>Deann Stanfield</i></u> Regulatory/Compliance Administrator	1-15-97 Date

PERMIT NO. _____ APPROVAL DATE MAY 2 8 1997
APPROVED BY *Deann Stanfield* TITLE *Regulatory/Compliance Administrator* DATE MAY 2 8 1997

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

Hand C-10465 for N5L
N5L-3796

NMOCD

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, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

070 FARMINGTON, NM AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29462	Pool Code 77200	Pool Name Fulcher Kutz Pictured Cliffs
Property Code 7034	Property Name Frost	Well Number 1R
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6661'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	26	27-N	10-W		1510	North	255	East	S.J.

11 Bottom Hole Location if Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

160			
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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	5284.62'	1510'	17 OPERATOR CERTIFICATION
RECEIVED MAY 30 1997	SF-077951	255'	I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief.
OIL CON. DIV. DIST. 3	26	5280.00'	Signature Peggy Bradfield
5280.00'			Printed Name Regulatory Administrator
			Title 1-15-97
			Date
			18 SURVEYOR CERTIFICATION
			I hereby certify that the well location shown on this plat was placed 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.
			11/25/96
			Date of Survey
			Signature and Seal of Professional Surveyor
			NEALE C. EDWARDS NEW MEXICO 6857
			6857
			Certificate Number

OPERATIONS PLAN

Well Name: Frost #1R
Location: 1510' FNL, 255' FEL Section 26, T-27-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 32.97, Longitude 107° 51.37
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 6661' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1485'	
Ojo Alamo	1485'	1650'	aquifer
Kirtland	1650'	2150'	
Fruitland	2150'	2463'	gas
Fruitland Coal	2325'	2461'	gas
Pictured Cliffs	2463'		gas
Total Depth	2700'		

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
120-2700'	LSND	8.4-9.0	40-60	no control

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2700'	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 @ 1650'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1650'. 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.

Cementing:

8 5/8" surface casing - cement with 129 sx Class "B" cement with 1/4# flocele/sx and 3% calcium chloride (149 cu.ft. of slurry, 200% excess to circulate to surface). WOC 12 hrs. Test casing to 600 psi for 30 minutes.

3 1/2" production casing - Lead w/324 sx of 65/35 Class "B" Poz w/6% gel, 2% calcium chloride, and 1/4# flocele/sx. Tail w/100 sx Class "B" w/2% calcium chloride (691 cu.ft. of slurry, 75% excess to circulate to surface). WOC 12 hrs. If cement does not circulate to surface, a CBL will be run during completion to determine TOC.

**BURLINGTON
RESOURCES**

**Frost #1R
T27N, R10W**

**400' BLM New Construction
T27N, R10W**

Section 26: SENE 400'

APD MAP #1

**EXISTING
ROW**

**NEW BLM
ROW**