


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-077317
	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 Cooper 9. Well Number 1R
4. Location of Well 1450' FNL, 1175' FWL Latitude 36° 43.7 , Longitude 108° 02.3	10. Field, Pool, Wildcat Fulcher Kutz Pict'd Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 18, T-29-N, R-11-W API # 30-045-29818
14. Distance in Miles from Nearest Town 2 miles to Bloomfield	12. County San Juan
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1175'	
16. Acres in Lease	17. Acres Assigned to Well 157.05
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 500'	
19. Proposed Depth 1973'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5644' 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:  Regulatory/Compliance Administrator	Date 2-2-98

PERMIT NO. _____

APPROVAL DATE MAR 18 1999

APPROVED BY /S/ Duane W. Spencer

TITLE Team Lead, Petroleum Management

DATE MAR 18 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.

NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 21, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

Instructions on back
Submit to Appropriate District Office

District III
1000 Rio Brazos Rd., Aztec, NM 87410

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

State Lease - 3 Copies
Fee Lease - 3 Copies

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

90 FEB -3 PM 1:49

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <u>29818</u>		*Pool Code 77200	*Pool Name Fulcher Kutz Pictured Cliffs
*Property Code 18498	*Property Name COOPER		*Well Number 1F
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5644'

10 Surface Location


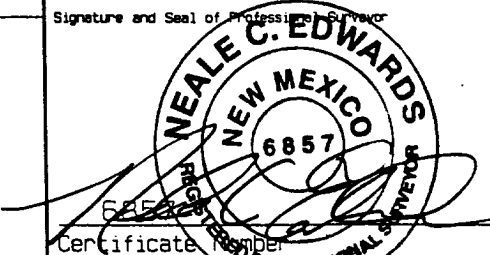

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	18	29N	11W		1450	NORTH	1175	WEST	SAN JUAN

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 NW/157.05	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 NCN-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>15</div> <div>5227.20'</div> <div>1450'</div> <div>1175'</div> <div>5280.00'</div> <div>18</div> <div>5243.70'</div>	<div>RECEIVED</div> <div>MAR 22 1993</div> <div>OIL CON. DIV.</div> <div>DIST. 3</div>	<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div></div> <div>Signature</div> <div>Peggy Bradfield</div> <div>Printed Name</div> <div>Regulatory Administrator</div> <div>Title</div> <div>2-2-98</div> <div>Date</div>	
		<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>SEPTEMBER 4, 1993</div> <div>Date of Survey</div> <div></div> <div>Signature and Seal of Professional Surveyor</div> <div></div> <div>Certificate Number</div>	

OPERATIONS PLAN

Well Name: Cooper #1R
Location: 1450' FNL, 1175' FWL, Section 18, T-29-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 43.7, Longitude 108° 02.3
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 5644'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	451'	aquifer
Ojo Alamo	451'	573'	
Kirtland	573'	1450'	
Fruitland	1450'	1733'	gas
Pictured Cliffs	1773'		gas
Total Depth	1973'		

Logging Program: Cased hole - GR/CCL

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
120-1973'	Non-dispersed	8.4-9.5	30-60	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>
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 1973'	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 @ 573'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 573'. 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.

BURLINGTON RESOURCES OIL & GAS COMPANY COOPER #1R

1450' FNL & 1175' FWL, SECTION 18, T29N, R11W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

