UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	· · · · · · · · · · · · · · · · · · ·	LL, DEEPEN, OR PLUG BACK
la.	Type of Work DRILL	5. Lease Number SF-077384
	DRILL	Unit Reporting Number 892000713
b.	Type of Well GAS	6. If Indian, All. or Tribe
<u>.</u> !.	Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name Huerfano Unit
3.	Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499	8. Farm or Lease Name Huerfano Unit 7/39
	(505) 326-9700	Stranger (1999) 9. Well Number Stranger (1994) 19. April 19. Apr
١.	Location of Well 990' FSL, 1595' FEL	10. Field, Pool, Wildcat Fulcher Kutz Pict'd Clin
	Latitude 36 ^o 32.5, Longitude 107 ^o 56.0	11. Sec., Twn, Rge, Mer. (NMPM) Sec. 30, T-27-N, R-10-W API # 30-045-29826
4.	Distance in Miles from Nearest Town 7 miles to Huerfano Trading Post	12. County 13. State San Juan NM
5.	Distance from Proposed Location to Nearest Property o	or Lease Line
6.	Acres in Lease	17. Acres Assigned to Well
8.	Distance from Proposed Location to Nearest Well, Drig	
9.	Proposed Depth procedural review persuent to 43 C and appeal pursuent to 43 CFR 318	FR 3185.3 20. Rotary or Cable Tools
!1.	Elevations (DF, FT, GR, Etc.) 5999' GR	22. Approx. Date Work will Start
23.	Proposed Casing and Cementing Program See Operations Plan attached	DEFLUNG OPERMICHS AUTHORIZED ARE SHB/FOT TO DOMPLIAMOE WITH ATTACHED
24.	Authorized by: State State Rice Co	101NERM (160HUSMENTS) (3-8-94)
	Regulatory/Compliance Admi:	nistrator Date
PERMI	T NO. API	PROVAL DATE
		Im Lead, Petroleum Management DATE

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

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

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

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

: 13 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT 30-045	District IV PO Box 2088,	Santa Fe,	NM 87504-2088				-			AME	NUEU REPU)H I
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Property Code 7139 HUERFANO UNIT 77R 1008RID No. 1008R	API NUMBER							'Poc ıtz Pi	ol Name Cture	ed Clif	fs	
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Page 1 December 11, 1998

OPERATIONS PLAN

Well Name: Huerfano Unit #77R

Location: 990' FSL, 1595' FEL, Section 30, T-27-N, R-10-W

San Juan County, New Mexico

Latitude 36° 32.5, Longitude 107° 56.0

Formation: Fulcher Kutz Pictured Cliffs

Elevation: 5999'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	626′	
Ojo Alamo	626'	728'	aquifer
Kirtland	728'	1450'	
Fruitland	1450'	1654'	gas
Pictured Cliffs	1654'		gas
Total Depth	1854'		

Logging Program: Cased hole - GR/CCL

Mud Program:

Interval	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-9.0	40-50	no control
120-1854'	Non-dispersed	8.4-9.5	30-60	no control

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

Hole Size	Depth Interval	<u>Csq.Size</u>	Wt.	<u>Grade</u>
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 1854'	3 1/2"	9.3#	J-55
Tubing Program:	0 - 1854	1 1/2"	2 4#	T,T
	0 - 1854'	1 1/2"	2.4#	IJ

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 @ 728'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 728'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: $7" \times 3 \cdot 1/2" \times 1 \cdot 1/2" \times 11"$ 2000 psi screw on independent wellhead.

990' FSL & 1595' FEL, SECTION 30, T27N, RIOW, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO APD MAP #1 500' NEW BLM CONSTRUCTION 100' NW/SE SECTION 30, T27N, RIOW 400' SW/SE SECTION 30, T27N, RIOW. EXISTING R.O.M.

BURLINGTON RESOURCES OIL & GAS COMPANY HUERFANO UNIT #77R