


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED APR 17 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-076566 Unit Reporting Number 070 FARMINGTON, NM
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company		7. Unit Agreement Name Huerfano Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 7139 Huerfano Unit 9. Well Number 24R
4. Location of Well 820' FSL, 815' FWL Latitude 36° 32.5, Longitude 107° 55.5		10. Field, Pool, Wildcat 70680 W. Kutz Pictured Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec 29, T-27-N, R-10-W API # 30-045-29578
14. Distance in Miles from Nearest Town 8 miles to Huerfano		12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 815'		
16. Acres in Lease		17. Acres Assigned to Well 160
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 20'		
19. Proposed Depth 1950'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6072'		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		2/15/98 Date

PERMIT NO. _____ APPROVAL DATE **APR 15 1998**
APPROVED BY _____ TITLE _____ 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 00, 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-1

Revised February 21, 19

Instructions on b

Submitted to Appropriate District Off

State Lease - 4 Cop

Fee Lease - 3 Cop

OIL CONSERVATION DIVISION

PO Box 2088

Santa Fe, NM 87504-2088

90 MAR -9 PM 2:34

AMENDED REPOF

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045- <i>29578</i>	Pool Code 70680	Pool Name West Kutz Pictured Cliffs
Property Code 7139	Property Name HUERFANO UNIT	Well Number 24R
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6072'

10 Surface Location

UL or lot no. M	Section 29	Township 27N	Range 10W	Lot Idn	Feet from the 820	North/South line South	Feet from the 815	East/West line West	County SAN JUA
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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 160	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	5279.34'	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 2-18-98 Date
5280.00'	29	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision and that the same is true and correct to the best of my belief. JANUARY 13, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number
815'	NMSF-076566	RECEIVED APR 17 1998 OIL CON. DIV. DIST. 3
820'	5280.00'	

OPERATIONS PLAN

Well Name: Huerfano Unit #24R
Location: 820' FSL, 815' FWL Section 29, T-27-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 32.5', Longitude 107° 55.5'
Formation: West Kutz Pictured Cliffs
Elevation: 6072' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	645'	
Ojo Alamo	645'	803'	aquifer
Kirtland	803'	1443'	
Fruitland	1443'	1714'	
Upper Coal	1526'	1696'	gas
Basal Coal	1696'	1714'	gas
Pictured Cliffs	1714'		gas
Total Depth		1950'	

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
120-1950'	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 - 1950'	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 @ 803'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 803'. 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.

820' FSL & 815' FWL, SECTION 29, T27N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

NO NEW CONSTRUCTION
SW/SW SECTION 29, T27N, R10W

