

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
BLM
99 MAR 23 PM 1:10
070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number G-0651-1131 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe Navajo Tribe	
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name Huerfanito Unit Com	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Huerfanito Unit Com 9. Well Number #174	
4. Location of Well 920' FSL, 840' FEL Latitude 36° 33.4, Longitude 107° 44.0	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 24, T-27-N, R-9-W API # 30-045-27885	
14. Distance in Miles from Nearest Town 9 miles to Huerfano Trading Post	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 840'	17. Acres Assigned to Well 320.00	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 500'		
19. Proposed Depth 2125'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6030' 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: <i>[Signature]</i> Regulatory/Compliance Administrator	3-9-99 Date	

PERMIT NO.

APPROVAL DATE

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.

Hold C-104 FOR N3L

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

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

59 MAR 23 PM 1:00 AMENDED REPORT

070 FARLINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29885		Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 7138	Property Name HUERFANITO UNIT COM		Well Number 174
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		Elevation 6030

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
P	24	27N	9W		920	SOUTH	840	EAST	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
Dedicated Acres S/320		Joint or Infill		Consolidation Code		Order No.			

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		2567.40'		2652.54'	
Revised to show name change					
5286.60'		24		2640.00'	
G-0652-1132		G-0651-1131		5261.52'	
				840'	
				920'	

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
Signature: *Peggy Bradfield*
Printed Name: Peggy Bradfield
Title: Regulatory Administrator
Date: 3-9-99

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.
Revised 10/27/98
AUGUST 25, 1998
Date of Survey
Signature and Seal of Professional Surveyor: *NEALE C. EDWARDS*
Certificate Number: 6857

OPERATIONS PLAN

Well Name: Huerfanito Unit Com #174
Location: 920' FSL, 840' FEL, Section 24, T-27-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 33.4, Longitude 107° 44.0
Formation: Basin Fruitland Coal
Elevation: 6030' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	1386'	
Ojo Alamo	1386'	1439'	aquifer
Kirtland	1439'	1825'	gas
Fruitland	1825'	1853'	gas
Fruitland Coal	1853'	2022'	gas
Pictured Cliffs	2022'		
Total Depth	2125'		

Logging Program: GR/AIT/Nuet/Dens - TD to surface

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-8.9	40-50	no control
120-2125'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

<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 - 2125'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 2125'	2 3/8"	4.7#	J-55
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Float Equipment: 7" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two centralizers run every 3rd joint to the base of the Ojo Alamo @ 1439'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1439'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.

920' FSL & 840' FEL, SECTION 24, T27N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
SE/SE SECTION 24, T27N, R9W.

