

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL

1b. Type of Well
GAS

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

4. Location of Well
1060' FSL, 1100' FEL
Latitude 36° 14.2, Longitude 107° 58.7

5. Lease Number
NM-01074
Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name
Huerfano Unit

8. Farm or Lease Name
Huerfano Unit

9. Well Number
84R

10. Field, Pool, Wildcat
West Kutz Pictured Cliffs

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 36, T-27-N, R-11-W
API# 30-045-29819

12. County
San Juan

13. State
NM

14. Distance in Miles from Nearest Town
16 miles to Bloomfield

15. Distance from Proposed Location to Nearest Property or Lease Line
1060'

16. Acres in Lease

17. Acres Assigned to Well
160.00

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease
400'

19. Proposed Depth
2239' 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.)
6493' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Regina Bradfield
Regulatory/Compliance Administrator

1-4-99
Date

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

/s/ Duane W. Spencer

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.

NMOC

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29819	² Pool Code 79680	³ Pool Name Kutz Pictured Cliffs West
⁴ Property Code 7139	⁵ Property Name HUERFANO UNIT	⁶ Well Number # 84R
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6493

¹⁰ Surface Location



UL or Lot No. P	Section 36	Township 27 N	Range 11 W	Lot Idn	Feet from the 1060	North/South line SOUTH	Feet from the 1100	East/West line EAST	County SAN JUAN
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	-----------------------	------------------------	--------------------

¹¹ Bottom Hole Location If Different From Surface

¹² UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-----------------------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

¹³ Dedicated Acres SE/160	¹⁴ Joint or Infill	¹⁵ Consolidation Code	¹⁶ 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 1321'(R)	1321'(R)	2642'(R)	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 Regulatory Administrator Title 1-4-99 Date
5280'(R)	36	NMNM - 01074	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. October 4, 1998 Date of Survey Signature and Seal of Professional Land Surveyor  7016 Certificate Number
5280'(R)	1060'	1100'	

(R) - BLM Record

OPERATIONS PLAN

Well Name: Huerfano Unit #84R
Location: 1060' FSL, 1100' FEL, Section 36, T-27-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 14.2, Longitude 107° 58.7
Formation: West Kutz Pictured Cliffs
Elevation: 6493'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1004'	
Ojo Alamo	1004'	1134'	aquifer
Kirtland	1134'	1846'	
Fruitland	1846'	2039'	gas
Pictured Cliffs	2039'		gas
Total Depth	2239'		

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
120-2239'	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 - 2239'	3 1/2"	9.3#	J-55

Tubing Program:

0 - 2239'	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 @ 1134'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1134'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 3 1/2" x 1 1/2" x 11" 2000 psi screw on independent wellhead.

