

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-078135 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	7. Unit Agreement Name Huerfanito Unit 7138	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name Huerfanito Unit 9. Well Number 19R	
4. Location of Well 1185' FNL, 1075' FEL  Latitude 36° 31.3 , Longitude 107° 46.2	10. Field, Pool, Wildcat Ballard Pictured Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 3, T-26-N, R-9-W API # 30-045-29728	
14. Distance in Miles from Nearest Town 7 miles to Huerfano Trading Post	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1075'		
16. Acres in Lease	17. Acres Assigned to Well 160.75	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3166.4.	
19. Proposed Depth 2326'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6361' 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: <u>[Signature]</u> Regulatory/Compliance Administrator	11-6-98 Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE JAN 25 1999  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 1/26/99

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.

NMCO

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <i>29728</i>		*Pool Code 71439	*Pool Name Ballard Pictured Cliffs
*Property Code 7138	*Property Name HUERFANITO UNIT		*Well Number 19R
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6361'

<sup>10</sup> Surface Location

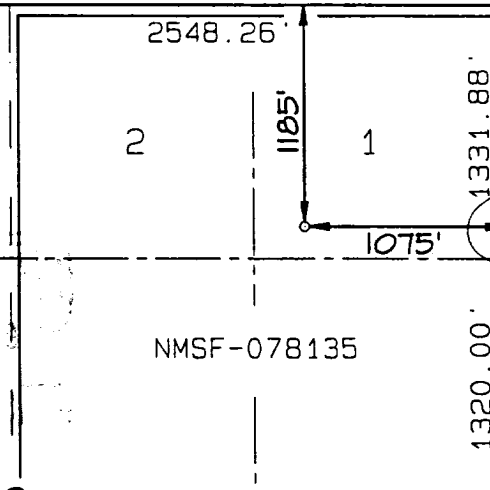
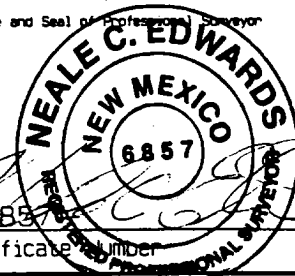
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	3	26N	9W		1185	NORTH	1075	EAST	SAN JUAN

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres NE/160.75	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 2638.68' 1336.50' 4 3 2 1 1185' 1075' 1331.88' 1320.66' 1320.00' 2640.66' 5198.16'		<sup>17</sup> 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 <i>11-6-98</i> Date
		<sup>18</sup> 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.  AUGUST 7, 1998 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number

November 2, 1998

OPERATIONS PLAN

**Well Name:** Huerfanito Unit #19R  
**Location:** 1185' FNL, 1075' FEL, Section 3, T-26-N, R-9-W  
 San Juan County, New Mexico  
 Latitude 36° 31.3', Longitude 107° 46.2'  
**Formation:** Ballard Pictured Cliffs  
**Elevation:** 6361'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1250'	
Ojo Alamo	1250'	1399'	aquifer
Kirtland	1399'	1899'	
Fruitland	1899'	2126'	gas
Pictured Cliffs	2126'		gas
Total Depth	2326'		

**Logging Program:** ~~None~~ *csd-hole GR/KCL*  
*11/16/98 CE#*

**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
120-2326'	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>
3 3/4"	0 - 120'	7"	20.0#	J-55
5 1/4"	0 - 2326'	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 @ 1399'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1399'. 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.

1185' FNL & 1075' FEL, SECTION 3, T26N, R9W, N.M.P.M.  
SAN JUAN, NEW MEXICO

NO NEW CONSTRUCTION  
NE/NE SECTION 3, T26N, R9W

