

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

90 DEC 15 PM 1:47

070 FARMINGTON, NM

1a. Type of Work DRILL	5. Lease Number SF-077947 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 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 Huerfano Unit 9. Well Number 120E
4. Location of Well 920' FSL, 820' FWL Latitude 36° 27.3 , Longitude 107° 51.3	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 25, T-26-N, R-10-W API # 30-045-29757
14. Distance in Miles from Nearest Town 26 miles to Bloomfield	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 820'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 320.00
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1500'	
19. Proposed Depth 6725'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6639' 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>Deane Braahied</u> (Regulatory/Compliance Administrator)	12-2-98 Date

PERMIT NO. _____

APPROVAL DATE APR 19 1999

APPROVED BY /S/ Duane W. Spencer

TITLE Team 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.

PK @

NRCCD

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- <i>29757</i>	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 7139	⁵ Property Name HUERFANO UNIT	⁶ Well Number # 120E
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6639

¹⁰ Surface Location

UL or Lot No. M	Section 25	Township 26 N	Range 10 W	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
					920	SOUTH	820	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

¹ UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres W/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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	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 Date 12-2-98
	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. September 25, 1998 Date of Survey Signature and Seal of Professional Surveyor 	
	7016 Certificate Number	

December 11, 1998

OPERATIONS PLAN

Well Name: Huerfano Unit #120E
Location: 920' FSL, 820' FWL, Sec 25, T-26-N, R-10-W
San Juan County, NM
Latitude 36° 27.3, Longitude 107° 51.3
Formation: Basin Dakota
Elevation: 6639'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1148'	
Ojo Alamo	1148'	1322'	aquifer
Kirtland	1322'	1604'	
Fruitland	1604'	2080'	
Pictured Cliffs	2080'	2255'	
Lewis	2255'	2454'	
Mesaverde	2454'	2932'	
Chacra	2932'	3666'	
Massive Cliff House	3666'	3678'	
Menefee	3678'	4469'	
Massive Point Lookout	4469'	4747'	
Mancos Shale	4747'	5524'	
Gallup	5524'	6453'	
Greenhorn	6453'	6510'	
Graneros	6510'	6615'	
Dakota	6615'		
TD	6725'		

Logging Program:

Cased hole - GR/Neutron - Surface to TD
Coring - none
DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-8.9	40-50	no control
320-6725'	LSND	8.4-9.0	40-60	no control

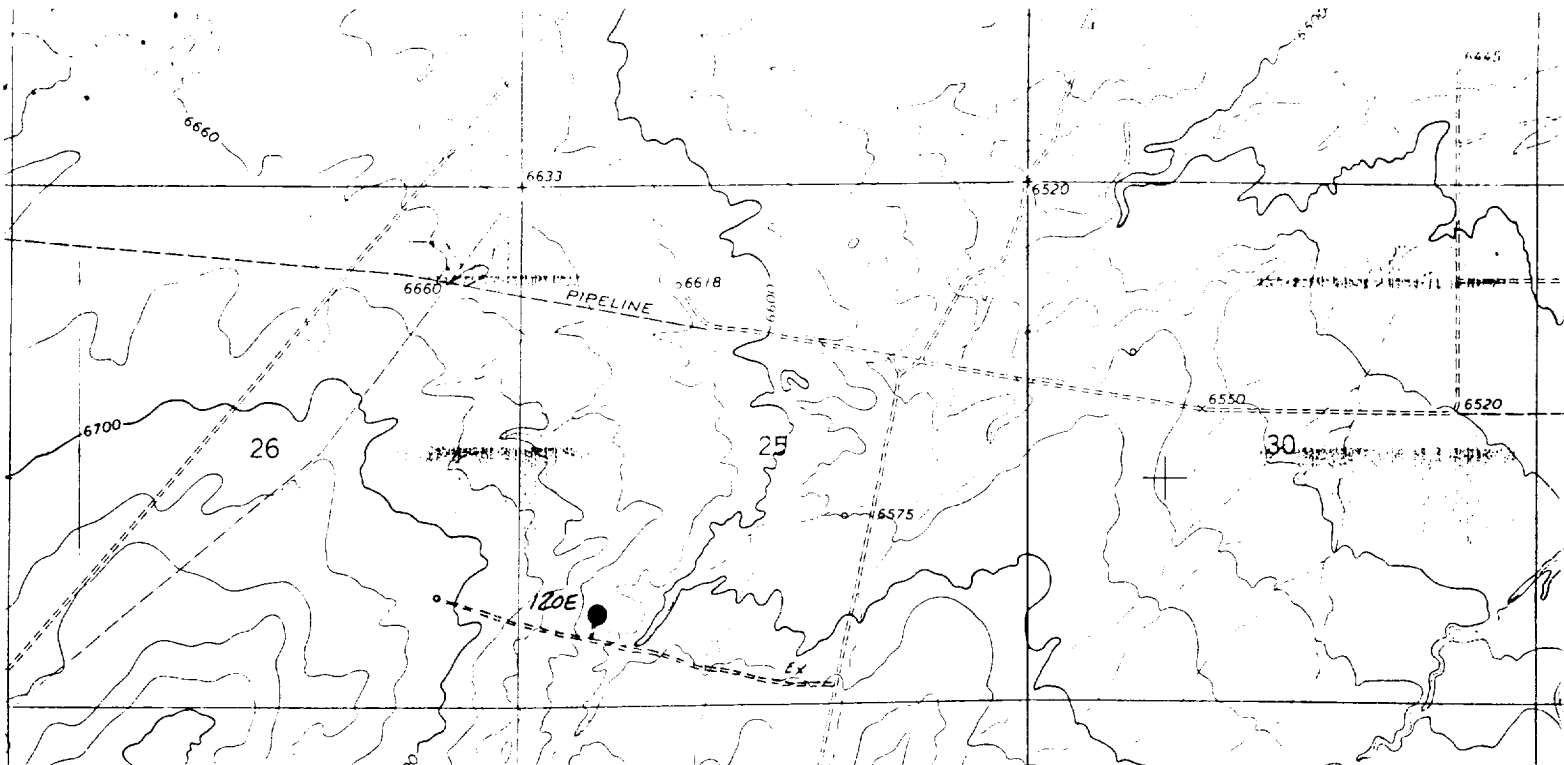
Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	23.0#	M-50
7 7/8"	0' - 6725'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6725'	2 3/8"	4.7#	J-55 EUE
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**BURLINGTON
RESOURCES**

**HUERFANO UNIT # 120E
SW¼ Section 25
T26N, R10W, NMPM**

100' BLM New Road Construction

T26N, R10W
Section 25: SW¼SW¼

APD Map # 1

