

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-077936
1b. Type of Well GAS		Unit Reporting Number
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 528	
4. Location of Well 880' FNL, 1455' FEL Latitude 36° 31.3, Longitude 107° 56.0	10. Field, Pool, Wildcat 71629 Basin Ft Coal	
	11. Sec., Twn, Rge, Mer. (NMPM) B Sec 6, T-26-N, R-10-W API # 30-045-29576	
14. Distance in Miles from Nearest Town 15 miles to Bloomfield	12. County San Juan	
	13. State NM	
15. Distance from Proposed Location to Nearest Property or Lease Line 880'		
16. Acres in Lease	17. Acres Assigned to Well 320.24 E/2	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 200'		
19. Proposed Depth 2250'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6565' 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><i>Robert J. Shalhoup</i></u> Regulatory/Compliance Administrator	<u>12/31/97</u> Date	

PERMIT NO. _____ APPROVAL DATE APR 15 1998

APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report submitted
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

HOLD C-104 until H 66 is plugged

NMOCD

RECEIVED
JAN 11 1964

NEW YORK

RECEIVED
JAN 11 1964

RECEIVED
JAN 11 1964

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, 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-102
Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

NOV 20 1997 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29576		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7139	*Property Name HUERFANO UNIT		*Well Number 528
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6565'

¹⁰ Surface Location


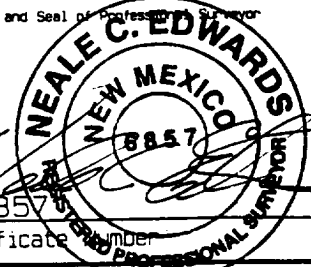
UL or lot no. B	Section 6	Township 26N	Range 10W	Lot Idn	Feet from the 880	North/South line North	Feet from the 1455	East/West line East	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

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 E/320.24	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 1291.62' 1325.28' 4	1320.00' 3	2 880'	1 2640.00' 1455' 1329.24'	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 12-31-97 Date
1325.28' 5			1323.96'	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. NOVEMBER 12, 1997 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
1325.28' 6			2647.92'	
1325.28' 7			2646.60'	
1302.84'	1323.30'			

RECEIVED
APR 17 1998
OIL CON. DIV.
DIST. 3

SE-077936
106

OPERATIONS PLAN

Well Name: Huerfano Unit #528
Location: 880' FNL, 1455' FEL Section 6, T-26-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 31.3, Longitude 107° 56.0
Formation: Basin Fruitland Coal
Elevation: 6565' GL

Formation:	Top	Bottom	Contents
Surface	San Jose	1120'	
Ojo Alamo	1120'	1236'	aquifer
Kirtland	1236'	1479'	
Fruitland	1926'	2136'	gas
Fruitland Coal	1952'	2132'	gas
Pictured Cliffs	2136'		
Total Depth	2250'		

Logging Program: Hi Res Ind, DNL, Micro/GR 1700-TD

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-8.9	40-50	no control
120-2250'	LSND	8.4-9.0	40-60	no control

Casing Program:

Hole Size	Depth Interval	Csg. Size	Wt.	Grade
12 1/4"	0 - 120'	8 5/8"	24.0#	H-40
7 7/8"	0 - 2250'	4 1/2"	10.5#	K-55

Tubing Program:

0 - 2250'	2 3/8"	4.7#	J-55
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Float Equipment: 8 5/8" 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 @ 1236'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1236'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" x 2 3/8" x 11" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY HUERFANO UNIT #528

880' FNL 1455' FEL SEC 6, T26N, R10W
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NWNE SECTION 6, T26N, R10W Existing R.O.W.

