

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 NM-82815 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
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Lewis Park 9. Well Number 1
4. Location of Well 1050' FSL, 1180' FEL Latitude 36° 53.8, Longitude 107° 37.3	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 13, T-31-N, R-8-W API # 30-045-29855
14. Distance in Miles from Nearest Town 6 miles to Navajo Dam Post Office	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1050'	17. Acres Assigned to Well 320.00
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 8250'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6536' 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>Regulatory/Compliance Administrator</u>	Date <u>2-15-99</u>

PERMIT NO. \_\_\_\_\_

APPROVAL DATE APR 14 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.

NMOC

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Box 1980, Artesia, NM 88211-0719

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

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

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29855		*Pool Code 71599	*Pool Name Basin Dakota
*Property Code 7260	*Property Name LEWIS PARK		*Well Number 1
*UGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6536'

10 Surface Location

UL or Lot no.	Section	Township	Range	Lot 10'	Feet from the	North/South line	Feet from the	East/West line	County
=	13	31N	8W		1050	SOUTH	1180	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or Lot no.	Section	Township	Range	Lot 10'	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres E/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	5140.08'	2608.98'	5175.72'	13	NMNM-82815	5241.06'	1050'	1180'	2560.14'	17 OPERATOR CERTIFICATION
										I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
										Signature
										Printed Name Peggy Bradfield
										Title Regulatory Administrator
										Date 2-15-99
										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.
										Date of Survey NOVEMBER 18, 1998
										Signature and Seal of Professional Surveyor 
										Certificate Number

## OPERATIONS PLAN

**Well Name:** Lewis Park #1  
**Location:** 1050' FSL, 1180' FEL, Sec 13, T-31-N, R-8-W  
San Juan County, NM  
Latitude 36° 53.8, Longitude 107° 37.3  
**Formation:** Basin Dakota  
**Elevation:** 6536'GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2295'	
Ojo Alamo	2295'	2385'	
Kirtland	2385'	3451'	
Pictured Cliffs	3451'	3645'	
Lewis	3645'	5342'	
Intermediate TD	3745'		
Cliff House	5342'	5890'	
Mancos	5890'	6838'	
Gallup	6838'	7778'	
Greenhorn	7778'	7839'	
Graneros	7839'	8001'	
Cubero	8001'	8071'	
Encinal Canyon	8071'	8179'	
Morrison	8179'		
TD	8250'		

### Logging Program:

Wireline: Platform Express, CMR, FMI, Sidewall Cores

### Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-9.0	40-50	no control
320-8250'	LSND	8.4-9.0	30-60	10-20

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

### Casing Program (as listed, the equivalent, or better):

<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"	32.3#	WC-50
7 7/8"	320' - 8250'	4 1/2"	10.5#	J-55

### Tubing Program:

0' - 8250'      2 3/8"      4.70# EUE

### BOP Specifications, Wellhead and Tests:

#### Surface to TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).  
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

# BURLINGTON RESOURCES OIL & GAS COMPANY LEWIS PARK #1

1050' FSL & 1180' FEL, SECTION 13, T31N, R8W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION  
SE/SE SECTION 13, T31N, R8W.

