

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-079193 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 San Juan 28-6 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
4. Location of Well 155' FSL, 2615' FEL	9. Well Number 119E
Latitude 36° 38.3972'N, Longitude 107° 27.2282'W	10. Field, Pool, Wildcat Basin Dakota
11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec 22., T-28-N, R-6-W API # 30-045-039-29354	12. County Rio Arriba
13. State NM	14. Distance in Miles from Nearest Town Gobernador 12 miles
15. Distance from Proposed Location to Nearest Property or Lease Line 155'	16. Acres in Lease
17. Acres Assigned to Well 320 E/P	18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1450'
19. Proposed Depth 7777'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6499 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>Frances Bend</u> Regulatory Specialist	11-29-04 Date

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Wayne Townsend TITLE Acting AFM DATE 1-25-05

Archaeological Report Attached

Threatened and Endangered Species Report Attached

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.

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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

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--039 <b>29354</b>		*Pool Code 71599	*Pool Name Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 119 <b>E</b>
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6499'

<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
0	22	28N	6W		155	SOUTH	2615	EAST	RIO ARriba

<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 Dakota- 320/E/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 	<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 <b>Frances Bond</b> Signature <b>Frances Bond</b> Printed Name <b>Regulatory Specialist</b> Title <b>11-29-04</b> 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. Date of Survey: JUNE 15, 2004 Signature and Seal of Professional Surveyor  <b>JASON C. EDWARDS</b> Certificate Number 15269

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-039-</b>	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. SF-079193	
7. Lease Name or Unit Agreement Name <b>San Juan 28-6 Unit</b>	
8. Well Number <b>119E</b>	
9. OGRID Number <b>14538</b>	
10. Pool name or Wildcat <b>Basin Dakota</b>	

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
**BURLINGTON RESOURCES OIL & GAS COMPANY LP**

3. Address of Operator  
**3401 E. 30TH STREET, FARMINGTON, NM 87402**

4. Well Location  
Unit Letter **O** **155** feet from the **South** line and **2615** feet from the **East** line  
Section **22** Township **28N** Range **6W** NMPM County **Rio Arriba**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type **New Drill** Depth to Groundwater **>100'** Distance from nearest fresh water well **>1000'** Distance from nearest surface water **>1000'**  
Pit Liner Thickness: **na** **mil** Below-Grade Tank: **Volume** **bbbs;** Construction Material

**12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data**

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: **New Drill** ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources proposes to construct a new drilling pit and an associated blow/flare pit. Based on Burlington's interpretation of the OCD's risk ranking criteria, the new drilling pit and blow/flare pit will be an unlined pit as detailed in Burlington's Drilling / Workover Pit Construction / Operation Procedures dated April 26, 2004 on file at the NMOCD office. A portion of the blow/flare pit will be designed to manage fluids, and that portion will be unlined, as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

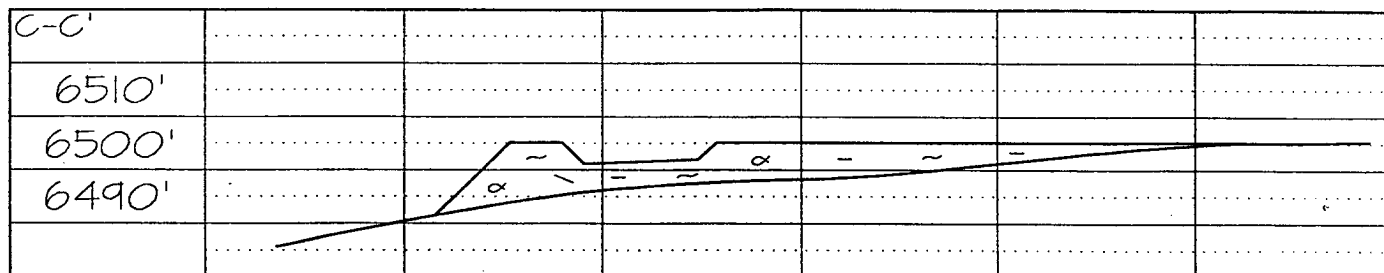
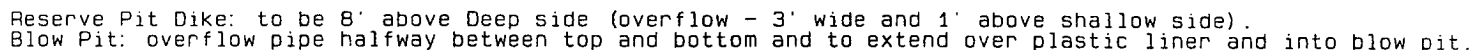
SIGNATURE Frances Bond TITLE Regulatory Specialist DATE 11/16/2004

Type or print name Frances Bond E-mail address: fbond@br-inc.com Telephone No. 505-326-9847

**For State Use Only**

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 28 DATE JAN 26 2005  
Conditions of Approval (if any):

LATITUDE: 36°38'24"  
LONGITUDE: 107°27'14"  
DATUM: NAD1927



Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction

## OPERATIONS PLAN

**Well Name:** San Juan 28-6 Unit #119E

**Location:** 155' FSL, 2615' FEL, Sec 22, T-28-N, R-6-W  
Rio Arriba County, NM

Latitude 36° 38.3972'N, Longitude 107° 27.2282'W

**Formation:** Basin Dakota

**Total Depth:** 7777

**Logging Program:** See San Juan 28-6 Unit Master Operations Plan

**Mud Program:** See San Juan 28-6 Unit Master Operations Plan

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

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement	
12 1/4	0' - 120	9.625"	32.3#	H-40	113	cu.ft
8 3/4	0' - 3583	7"	20.0#	J-55	802	cu.ft
6 1/4	0' - 7777	4.5"	10.5/11.6#	J-55	571	cu.ft

**Tubing Program:** See San Juan 28-6 Unit Master Operations Plan

- \* The Dakota formations will be completed.
- \* The east half of Section 22 is dedicated to the Dakota formation in this well.
- \* Gas is dedicated.

Sean Corrigan  
Drilling Engineer

November 17, 2004  
Date

\*Assumption  
Lewis 100

## MULTI-POINT SURFACE USE PLAN

San Juan 28-6 Unit #119E

- \* Anticipated pipeline facilities as shown on the attached plat from Williams Field Services
- \* 1450' of new road will be built.
- \* Water supply from the San Juan 29-6 Water Well #1 in located in SW/4 Section 28, T-29-N, R-6-W New Mexico.
- \* Surface ownership: Federal
- \* Culverts: low spots and entrance, silt traps upstream to all culvert locations
- \* Diversion Ditches: above cut draining away from pad
- \* Rounded Corners: 3 and 6
- \* Top Soil: 6 inches
- \* Trees/Firewood: Yes
- \* Slopes: 3 to 1
- \* Access Road: 1450' sand stone
- \* Archaeological Resources: See Archaeological Survey technical report # 2004-71 from Aztec Archaeological Consultants

Frances Bend

Regulatory Specialist

11-16-04

Date