

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|  |                               |   |
|--|-------------------------------|---|
| 1a. Type of Work<br>DRILL  | 2004 NOV 22 PM 1 48           | 5. Lease Number<br>NM-05493   |
|  | RECEIVED<br>070 FARMINGTON NM | Unit Reporting Number   |
| 1b. Type of Well<br>GAS  |                               | 6. If Indian, All. or Tribe   |
| 2. Operator<br><b>BURLINGTON<br/>RESOURCES</b> Oil & Gas Company                                       |                               | 7. Unit Agreement Name<br>San Juan 28-6 Unit  |
| 3. Address & Phone No. of Operator<br>PO Box 4289, Farmington, NM 87499<br>(505) 326-9700              |                               | 8. Farm or Lease Name<br>San Juan 28-6 Unit   |
|  |                               | 9. Well Number<br>117M  |
| 4. Location of Well<br>1180' FSL, 2510' FWL  |                               | 10. Field, Pool, Wildcat<br>Blanco MV/Basin DK                                      |
| Latitude 36° 40.3062' N, Longitude 107° 26.1802' W   |                               | 11. Sec., Twn, Rge, Mer. (NMPM)<br>Sec. 11, T-28-N, R-6-W<br>API # 30-045-039-29356 |
| 14. Distance in Miles from Nearest Town<br>26.9 Miles to P.O. in Blanco, NM                            |                               | 12. County<br>Rio Arriba ✓  |
|  |                               | 13. State<br>NM   |
| 15. Distance from Proposed Location to Nearest Property or Lease Line<br>1180'                         |                               |   |
| 16. Acres in Lease   |                               | 17. Acres Assigned to Well<br>353.83-DK, 282.8-MV-A11-Sec 11<br>R-2448 #2           |
| 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease<br>362' |                               |   |
| 19. Proposed Depth<br>7784'  |                               | 20. Rotary or Cable Tools<br>Rotary   |
| 21. Elevations (DF, FT, GR, Etc.)<br>6471 GR   |                               | 22. Approx. Date Work will Start  |
| 23. Proposed Casing and Cementing Program<br>See Operations Plan attached                              |                               |   |
| 24. Authorized by: <u>Frances Bond</u><br>Regulatory Specialist  |                               | <u>11-18-04</u><br>Date   |

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

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.

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

NMOC

**DISTRICT II**  
811 South First Artesia, N.M. 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, N.M. 87410

**DISTRICT IV**  
**2040 South Pacheco, Santa Fe, NM 87506**

REVISÉD

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

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

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

|                              |   |                           |   |
|------------------------------|---|---------------------------|---|
| *API Number<br>30-039 29 356 |   | *Pool Code<br>72319/71599 | *Pool Name<br>Blanco Mesaverde/Basin Dakota |
| *Property Code<br>7462       | *Property Name<br>SAN JUAN 28-6 UNIT                          |                           | *Well Number<br>117M                        |
| *OGRID No.<br>14538          | *Operator Name<br>BURLINGTON RESOURCES OIL AND GAS COMPANY LP |                           | *Elevation<br>6471'                         |

## <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     |
| N             | 11      | 28-N     | 6-W   |         | 1180'         | SOUTH            | 2510'         | WEST           | 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>28</sup> Dedicated Acres<br>DK-353.83<br>MV-282.8 |         |          | <sup>29</sup> Joint or Infill |         | <sup>30</sup> Consolidation Code |                  | <sup>31</sup> Order No.<br>R-2948 Unit 2 DK |                |        |

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

[illegible]

## 17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Frances Bond

**Signature**

Frances Bond

Printed Name \_\_\_\_\_

Regulatory Specialist

**Title**

11-18-04

            
Date

## 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 \_\_\_\_\_

Signature and Seal, of Professional Surveyor:

**Certificate Number**

15703

## State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

May 27, 2004

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-039-

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

Federal Lease - NM-05493

7. Lease Name or Unit Agreement Name

San Juan 28-6 Unit

8. Well Number

117M

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesaverde/Basin Dakota

## 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 &amp; GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter N : 1180 feet from the South line and 2510 feet from the West lineSection 11 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

bbls;

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 ☐

## SUBSEQUENT REPORT OF:

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

OTHER:

New Drill Pit ☒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 Ecosphere's risk ranking criteria, the new drilling pit and blow/flare pit will be an unlined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 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 11/18/2004

Type or print name

Frances Bond

E-mail address:

fbond@br-inc.com

Telephone No.

505-326-9847

For State Use Only

APPROVED BY

TITLE

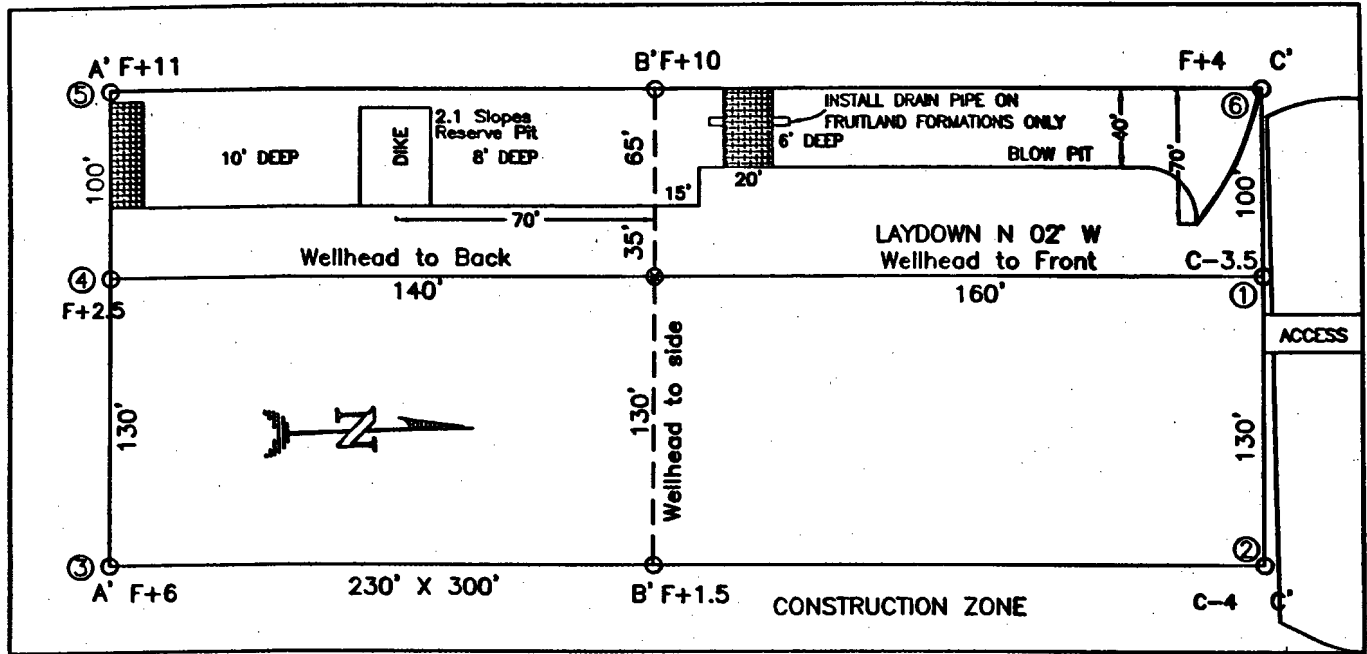
DEPUTY OIL &amp; GAS INSPECTOR, DIST. 58

DATE

DEC 20 2004

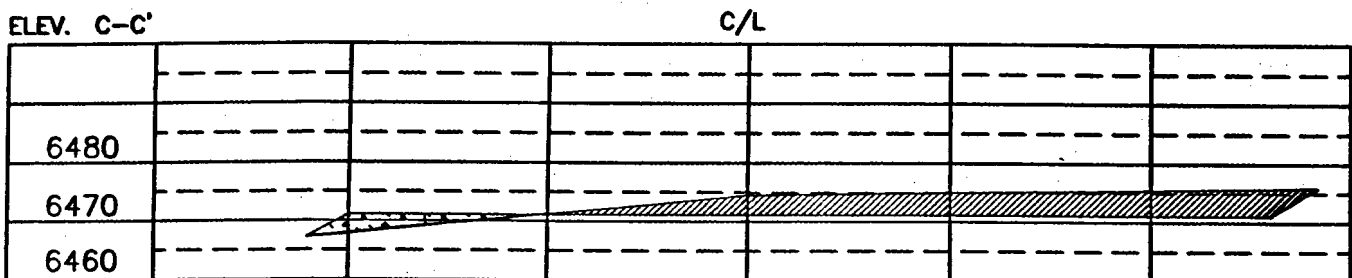
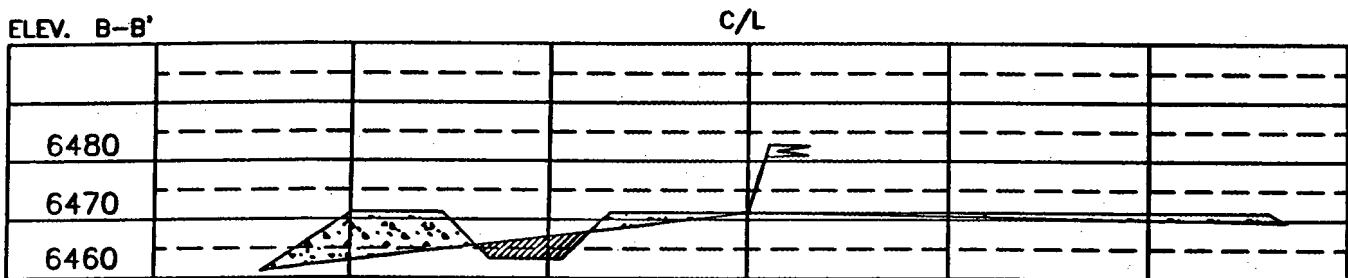
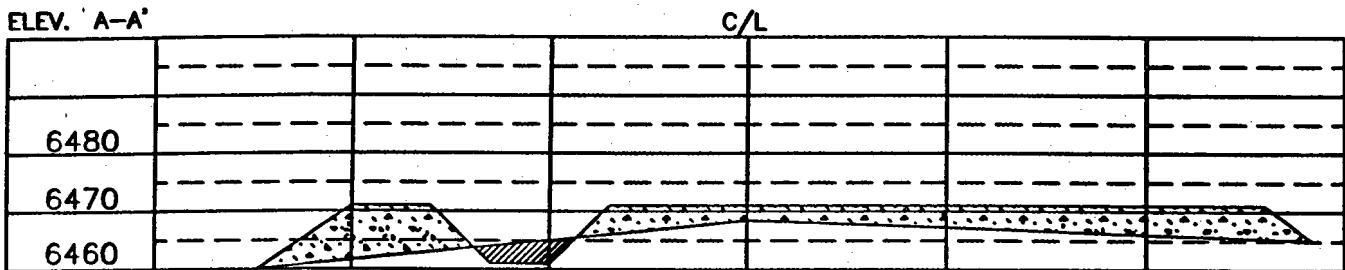
Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP  
 SAN JUAN 28-6 UNIT #117E, 1180' FSL & 2510' FWL  
 SECTION 11, T-28-N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM  
 GROUND ELEVATION: 6471', DATE: AUGUST 17, 2004



(330' X 400') = 3.03 ACRES

RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).  
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.



NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.  
 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 #117M

**Location:** 1180' FSL, 2510' FWL, Sec 11, T-28-N, R-6-W  
Rio Arriba County, NM

Latitude 36° 40.3062'N, Longitude 107° 26.1802'W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 7784'

**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' - 3578      | 7"     | 20.0#      | J-55  | 801    | cu.ft |
| 6 1/4     | 0' - 7784      | 4.5"   | 10.5/11.6# | J-55  | 573    | cu.ft |

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

- \* The Mesaverde and Dakota formations will be completed and commingled.
- \* The south half of Section 11 is dedicated to the Mesaverde and the Dakota formation in this well.
- \* Gas is dedicated.

*Sean Corrigan*  
Drilling Engineer

*October 26, 2004*  
Date

\*Assumption

Lewis 100