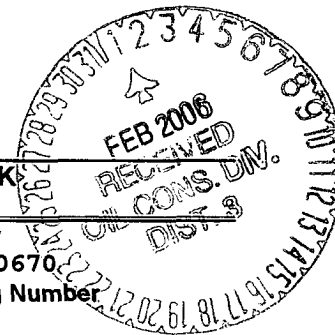


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2004 DEC 13 AM 11 30	5. Lease Number NMSF080670
	RECEIVED	Unit Reporting Number
1b. Type of Well GAS	070 FARMINGTON NM	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company		7. Unit Agreement Name San Juan 27-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name
		9. Well Number #53N
4. Location of Well Unit P (SESE), 950' FSL & 780' FEL  Latitude 36° 32.3887' N Longitude 107° 17.0823' W		10. Field, Pool, Wildcat Basin Dakota & Blanco Mesaverde
		11. Sec., Twn, Rge, Mer. (NMPM) Sec. 30, T27N, R4W API # 30-039- 29371
14. Distance in Miles from Nearest Town Gobernador - 18 miles		12. County Rio Arriba
		13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line		
16. Acres in Lease		17. Acres Assigned to Well DK & MV - 320 1/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease		
19. Proposed Depth 8004'	Rotary	20. Rotary or Cable Tools
21. Elevations (DF, FT, GR, Etc.) 6749' GL		22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Patsy Chieff</u> Regulatory/Compliance Specialist		Date <u>12/10/04</u>

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

APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature]

TITLE Acting AFM

DATE 1/30/06

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.

HOLD C104 FOR Change in Status to  
27-4#53 or #21 for Mesaverde

NMOCDD

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

ALL ACTIONS AUTHORIZED ARE  
IN COMPLIANCE WITH ATTACHED  
PERMIT AND OPERATIONS PLAN.

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-10  
Revised February 21, 199

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

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

2004 DEC 13 07 11 30 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-039-29371</b>	<sup>2</sup> Pool Code <b>71599 / 72319</b>	<sup>3</sup> Pool Name <b>Basin Dakota / Blanco Mesaverde</b>
<sup>4</sup> Property Code <b>7452</b>	<sup>5</sup> Property Name <b>SAN JUAN 27-4 UNIT</b>	<sup>6</sup> Well Number <b>53N</b>
<sup>7</sup> GRID No. <b>14538</b>	<sup>8</sup> Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY, LP</b>	<sup>9</sup> Elevation <b>6749'</b>

<sup>10</sup> Surface Location

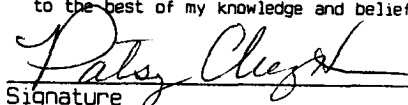
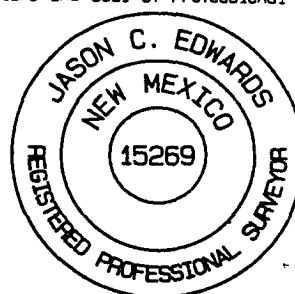
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	27N	4W		950	SOUTH	780	EAST	RIO ARriba

<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
P									

<sup>12</sup> Dedicated Acres <b>DK &amp; MV 320 E/2</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 1333.20' <b>LOT 1</b>	1320.00'	2640.00'	<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.  Signature <b>Patsy Clugston</b> Printed Name <b>Sr. Regulatory Specialist</b> Title <b>8-10-04</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: <b>JULY 13, 2004</b> Signature and Seal of Professional Surveyor  <b>JASON C. EDWARDS</b> Certificate Number 15269
<b>LOT 2</b>		<b>LEASE USA SF-080670</b>	
<b>LOT 3</b>			
<b>LOT 4</b> 1332.54'	1320.00'	2640.00'	

LAT: 36°32.3887' N  
LONG: 107°17.0823' W  
DATUM: NAD27

780'  
950'

Submit 3 Copies To Appropriate District Office

State of New Mexico

Form C-103

District I

Energy, Minerals and Natural Resources

May 27, 2004

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.

30-039- 29371

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

Federal - NMSF-080670

7. Lease Name or Unit Agreement Name

San Juan 27-4 Unit

8. Well Number

53N

9. OGRID Number

14538

10. Pool name or Wildcat

Basin DK & Blanco MV

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 P : 950 feet from the South line and 780 feet from the East line  
Section 30 Township 27N Range 4W NMPM County Rio Arriba

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

6749' GL

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type new drill Depth to Groundwater > 60' Distance from nearest fresh water well > 1000' Distance from nearest surface water < 200'

Pit Liner Thickness: 12 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.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined 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 vent/flare pit will be designed to manage fluids and that portion will be lined 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 Patsy Clugston TITLE Sr. Regulatory Specialist DATE 12/8/2004

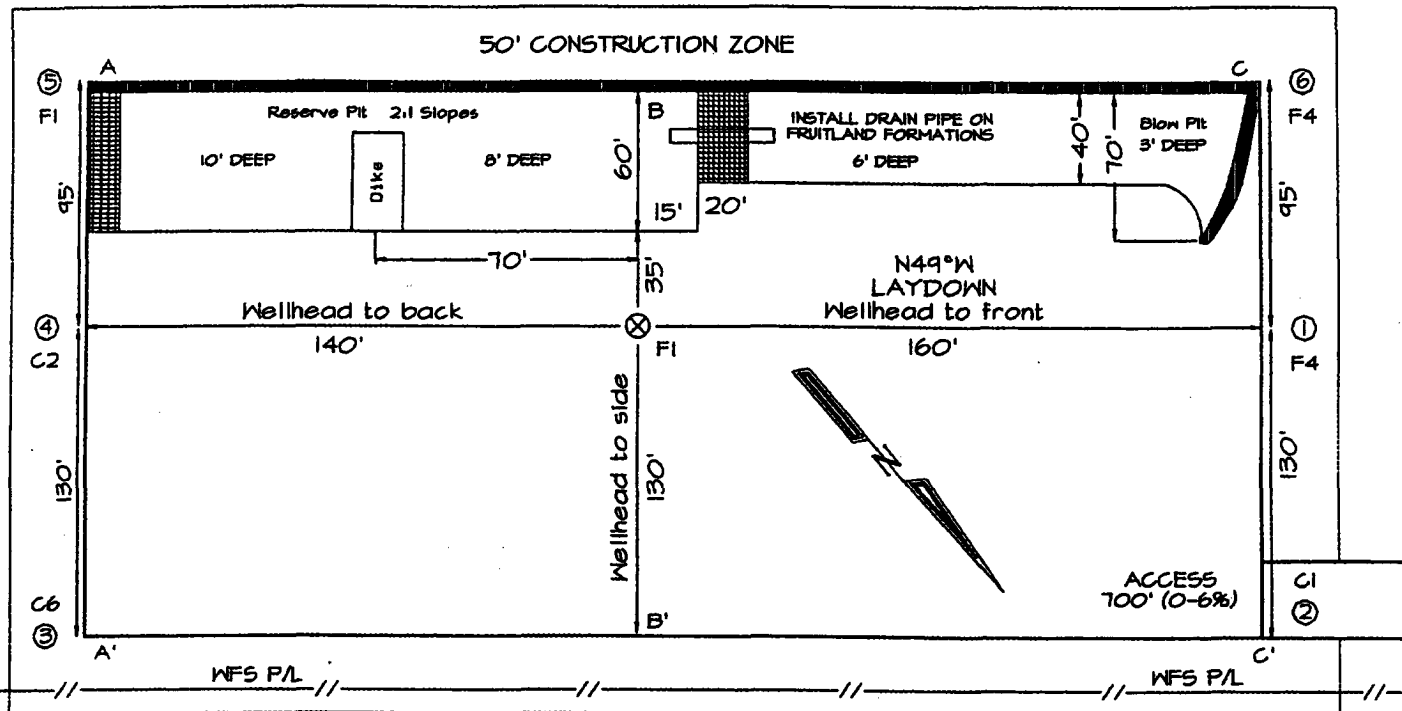
Type or print name Patsy Clugston E-mail address: pclugston@br-inc.com Telephone No. 505-326-9518  
For State Use Only

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE FEB 01 2006  
Conditions of Approval (if any):

PLAT #1

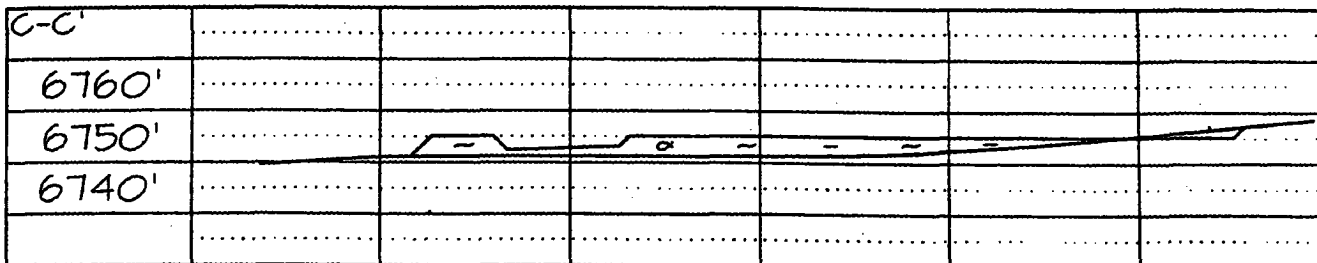
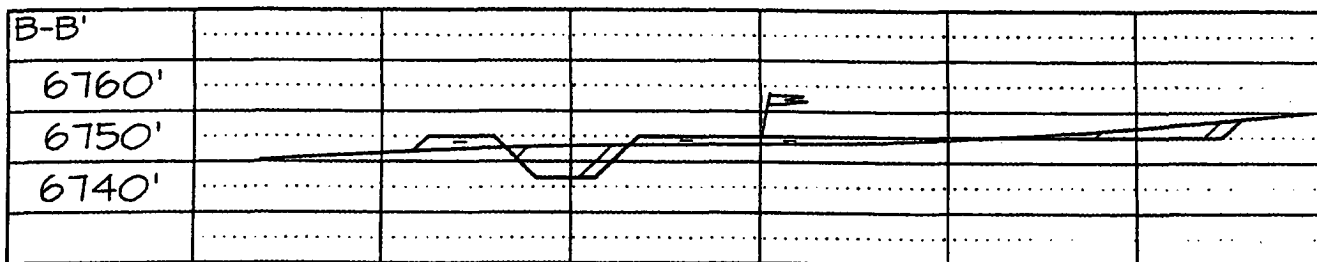
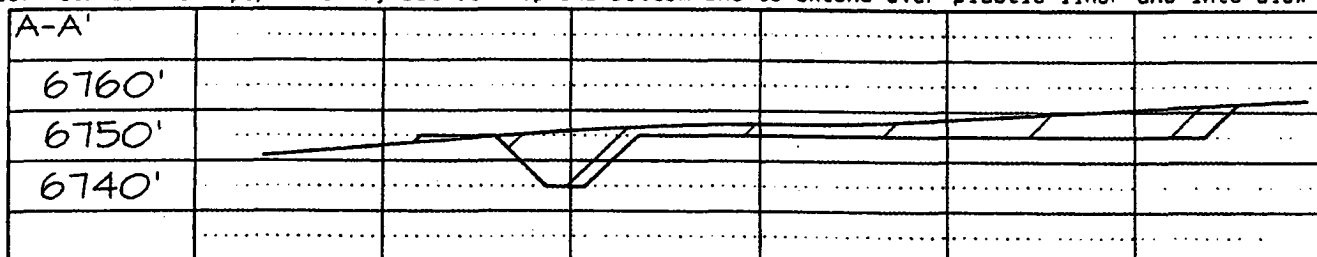
**BURLINGTON RESOURCES OIL & GAS COMPANY, LP**  
**SAN JUAN 27-4 UNIT #53N, 950' FSL & 780' FEL**  
**SECTION 30, T27N, R4W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 6749' DATE: JULY 13, 2004**

**LATITUDE: 36°32'23"**  
**LONGITUDE: 107°17'05"**  
 DATUM: NAD1927



**225' X 300'**  
**(325' x 400') = 2.98 ACRES**

Reserve Pit Dike: to be B' 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: 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 27-4 Unit #53N

**Location:** SESE/4 (P), 950' FSL & 780' FEL, Sec. 30, T27N, R4W  
Rio Arriba County, NM

Latitude 36° 32.3887'N, Longitude 107° 17.0823'W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 8004'

**Logging Program:** See San Juan 27-4 Unit Master Operations Plan

**Mud Program:** See San Juan 27-4 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' - 3756	7"	20.0#	J-55	841	cu.ft
6 1/4	0' - 8004	4.5"	10.5#/11.6#	J-55	578	cu.ft

**Tubing Program:** See San Juan 27-4 Unit Master Operations Plan

- \* The Mesaverde and Dakota formations will be completed and commingled.
- \* The east half of Section 30 is dedicated to the Mesaverde and the Dakota formation in this well.
- \* Gas is dedicated.

  
Drilling Engineer

12-10-04  
Date

\*Assumption  
Lewis 100