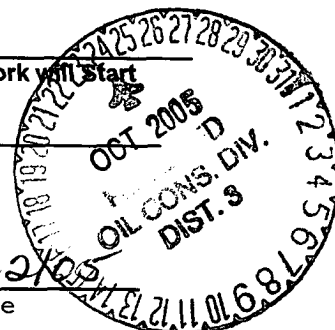


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2005 SEP 23 PM 2 06	5. Lease Number NMNM-02805 Unit Reporting Number
1b. Type of Well GAS	RECEIVED 070 FARMINGTON NM	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> RESOURCES 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	9. Well Number #137N
4. Location of Well Unit L (NWSW), 2045' FSL, 1070' FWL  Latitude 36° 39.5758'N Longitude 107° 26.4757'W	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota  11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 14, T28N, R06W  API # 30-039- 29670	
14. Distance in Miles from Nearest Town 26.55 miles from Post Office in Blanco, NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1070'	17. Acres Assigned to Well 320 W/2 MV/DK	
16. Acres in Lease	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1560' - San Juan 28-6 Unit #121M	22. Approx. Date Work will Start 9/22/05	
19. Proposed Depth 7866'	23. Proposed Casing and Cementing Program See Operations Plan attached	
21. Elevations (DF, FT, GR, Etc.) 6528' GL	24. Authorized by: <u>Armanda Sandaval</u> Regulatory Compliance Assistant II	



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 I  
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

DISTRICT II  
611 South First, Artesia, N.M. 88210

OIL CONSERVATION DIVISION

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

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

2040 South Pacheco  
Santa Fe, NM 87505

SEP 23 PM 2 06

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-043-29670	<sup>2</sup> Pool Code 72319/71599	<sup>3</sup> Pool Name 070 FARMING Blanco Mesaverde/ Basin Dakota
<sup>4</sup> Property Code 7462	<sup>5</sup> Property Name SAN JUAN 28-6 UNIT	<sup>6</sup> Well Number 137N
<sup>7</sup> OGHD No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	<sup>9</sup> Elevation 6528'

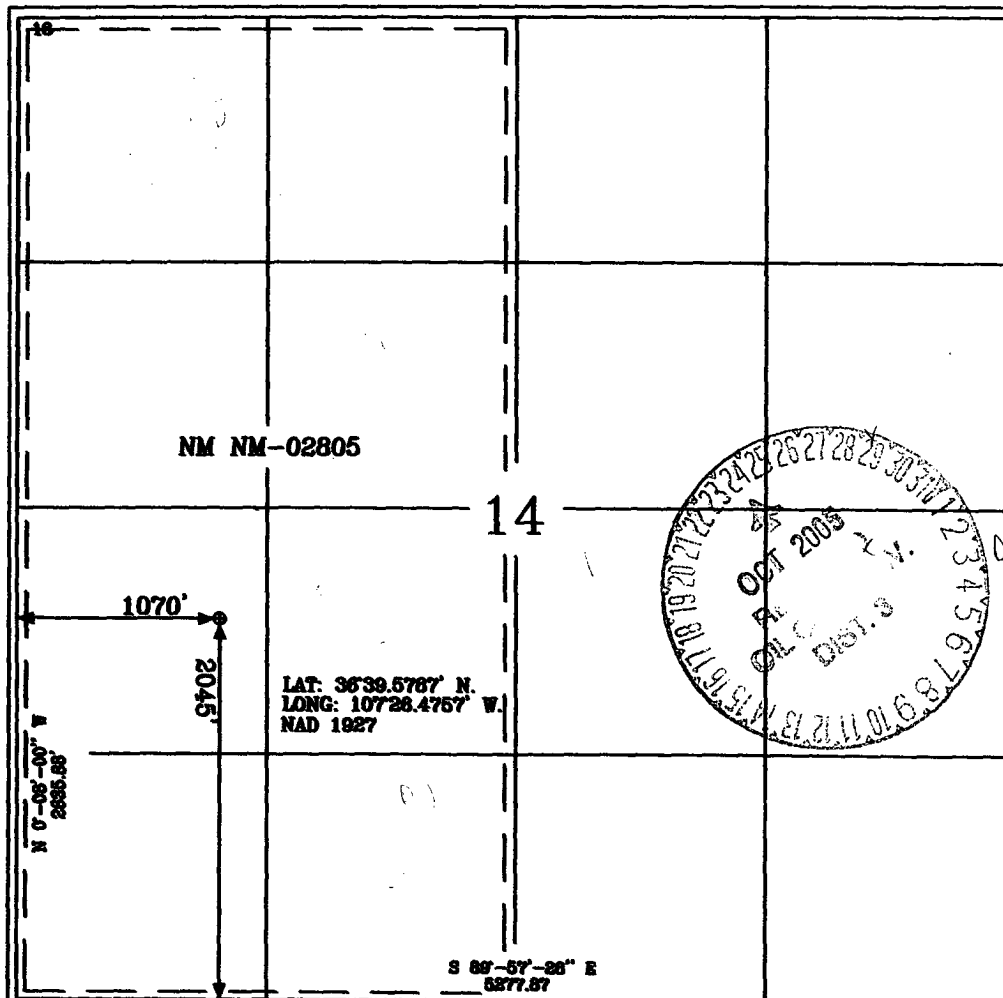
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	14	28-N	6-W		2045'	SOUTH	1070'	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>12</sup> Dedicated Acres W/2 320			<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



17 OPERATOR CERTIFICATION

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

Amanda Sandoval  
Signature

Amanda Sandoval  
Printed Name

Regulatory Assistant II  
Title

8-9-05  
Date

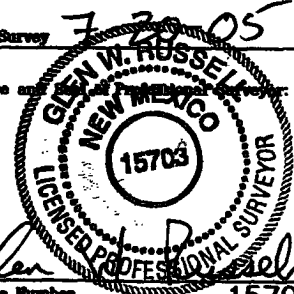
18 SURVEYOR CERTIFICATION

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.

7-29-05  
Date of Survey

Glen W. Russell  
Signature

Glen W. Russell  
Certificate Number 15703



Office

Energy, Minerals and Natural Resources

May 27, 2004

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.

30-039- 29670

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

San Juan 28-6 Unit

8. Well Number

137N

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 L : 2045 feet from the South line and 1070 feet from the West line  
 Section 14 Township 28N Range 6W NMPM County Rio Arriba

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

6528' GL

Pit or Below-grade Tank Application

☒ or Closure ☐

Pit type

New Drill

Depth to Groundwater

&gt;100'

Distance from nearest fresh water well

&gt;1000'

Distance from nearest surface water

&gt;1000'

Pit Liner Thickness:

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 ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐**SUBSEQUENT REPORT OF:**REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐

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 vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and vent/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 vent/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

Amanda Sandoval

TITLE

Regulatory Assistant II

DATE

8/9/2005

Type or print name

Amanda Sandoval

E-mail address:

asandoval@br-inc.com

Telephone No.

505-326-9700

**For State Use Only**

APPROVED BY

[Signature]

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. ☒

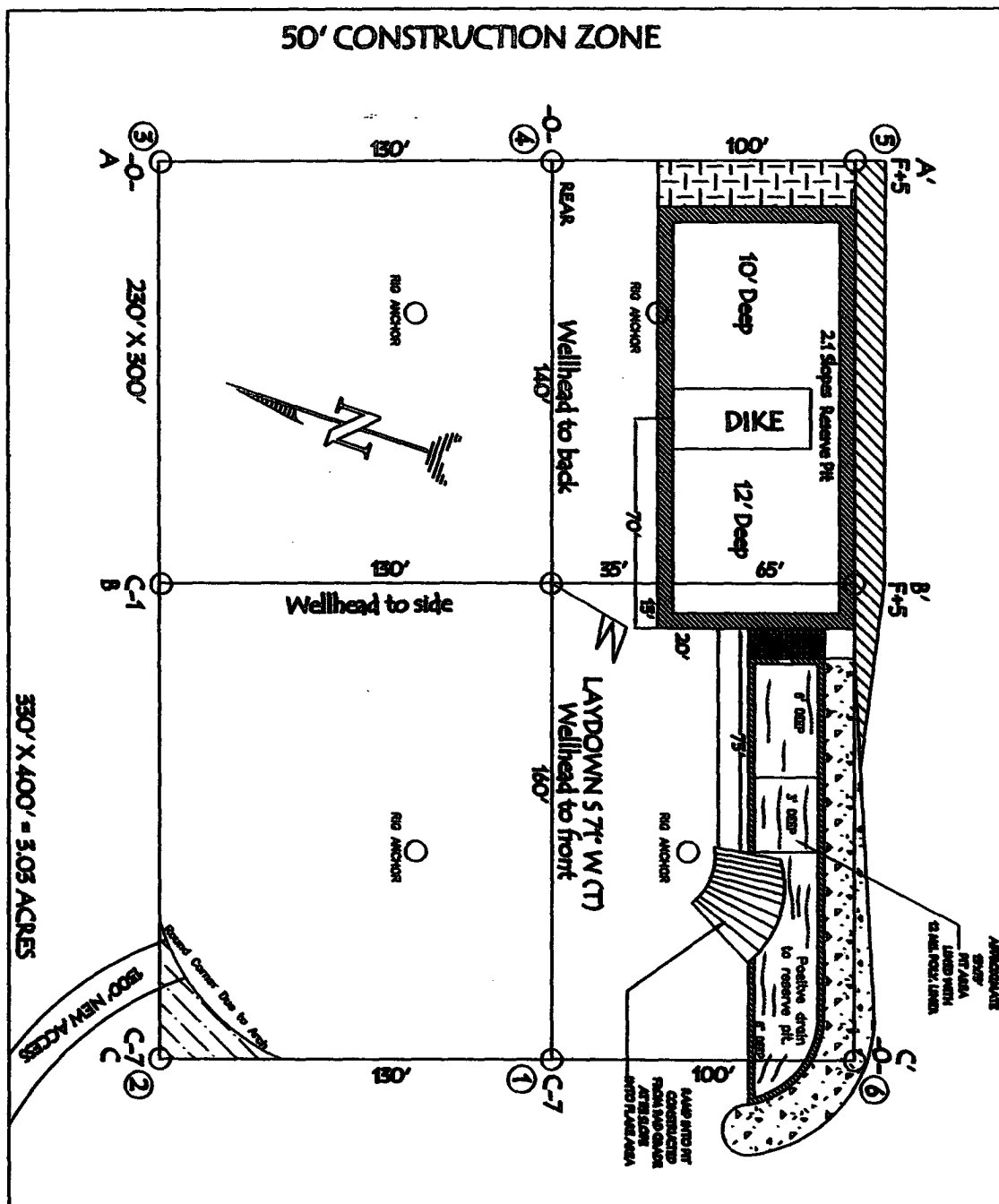
DATE

OCT 24 2005

Conditions of Approval (if any):

RESERVE PIT DIKE TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).

BURLINGTON RESOURCES OIL & GAS COMPANY LP  
 SAN JUAN 28-6 UNIT #137N, 2045' FSL & 1070' FWL  
 SECTION 14, T-28-N, R-6-W, NMPM, RIO ARriba COUNTY, NM  
 GROUND ELEVATION: 6528', DATE: JUNE 15, 2005



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.

LATITUDE: 36° 39.5787' LONGITUDE: 107° 26.4757' NAD27

SAN JUAN 28-6 UNIT #137N, 2045' FSL & 1070' FWL  
14, T-28- N, R-6-W, NMPM, RIO ARIBA COUNTY, NM  
GROUND ELEVATION: 6528', DATE: JUNE 15, 2005

2

6540							
6530							
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21

6540							
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6510							

21

[illegible]

**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 137N

**Location:** 2045' FSL, 1070' FEL, Sec 14, T-28-N, R-6-W  
Rio Arriba County, NM

Latitude 36° 39.5758'N, Longitude 107° 26.4757'W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 7847'

**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' - 3640	7"	20.0#	J-55	815	cu.ft
6 1/4	0' - 7847	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 west half of Section 14 is dedicated to the Mesaverde and the Dakota formation in this well.
- \* Gas is dedicated.



Drilling Engineer

9/22/05

Date

\*Assumption

Lewis 100

# ***BURLINGTON RESOURCES***

## **Multi-Point Surface Use Plan for San Juan 28-6 Unit #137N**

The following is required information concerning the possible effect, which the drilling of this well may have on the environment, existing road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items on this plan.

### **1. Existing Roads and Well Locations**

- A. The proposed Basin Fruitland Coal well location site is Unit L (NWSW) of Section 14, T28N, R06W, in Rio Arriba County, New Mexico. Existing roads used to access the location shall be maintained in the same or better condition than presently maintained.
- B. Directions to the location - see attached

### **2. Planned Access Road**

- A. A new access road will have to be constructed to reach the proposed well pad requiring 1300'.
- B. Turnouts as specified by the BLM.
- C. Using the Plat 1 Map (cut & fill diagram) for reference of road direction and length.
- D. Cattleguards - no new cattleguards indicated during onsite.

### **3. Wellsite Layout & Cross Sections**

See Cut & Fill plat for details. The proposed project will require 3:1 cut & fill slopes during the clean-up phase of the project. Trees from the well pad will be used as erosion control along new access road as needed and the remainder will be cut & hauled to town.

### **5. Water Supply**

Water will be trucked to the location from San Juan 29-6 Water Well #1 in located in SW/4 Section 28, T-29-N, R-6-W, New Mexico.

### **6. Source of Construction Materials:**

Construction materials will be obtained from the location site.

### **7. Methods of Handling Waste Disposal**

- A. The Drill cuttings, drill water and completion fluids will be placed in a lined reserve pit. The reserve pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves out. The reserve pit will be allowed to dry or the fluids will be hauled to an approved disposal facility. The reserve pit will then be backfilled, leveled and contoured as to prevent any materials being carried into the watershed. Upon completion, the pad will be leveled, contoured and reseeded with the appropriate seed mixture as specified by the BLM. The information mentioned in this section is in accordance with Burlington's "General Plan" to construct and close drill pits which is in compliance with Rule 19.15.2.50 (B)(2).
- A. All garbage and trash will be hauled away to a landfill designated by Burlington.
- B. Chemical toilets will be provided and maintained during drilling operations.
- C. Any trees greater than 6" in diameter shall be limbed and taken to town.
- D. Any brush, small trees and limbs will be used as erosion control along the new access road.