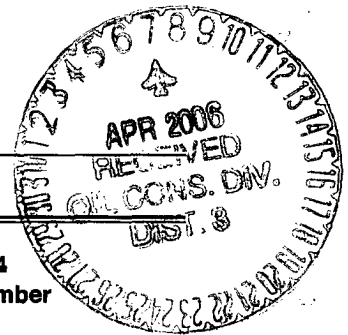


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2005 JUN 4 1 1 43 RECEIVED OTO FARMINGTON NM	5. Lease Number NMSF080674 Unit Reporting Number
1b. Type of Well GAS		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 71M
4. Location of Well Unit I (NESE), 1710' FSL & 710' FEL  Latitude 36° 34.2388' N Longitude 107° 14.9478' W		10. Field, Pool, Wildcat Basin Dakota & Blanco Mesaverde  11. Sec., Twn, Rge, Mer. (NMPM) I Sec. 16, T27N, R4W  API # 30-039- 29399
14. Distance in Miles from Nearest Town Gobernador - 21 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 MV & DK - 320 E/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease		
19. Proposed Depth 8459'		20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7136' GL		22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Patsy Clugston</u> Sr. Regulatory Specialist		1/4/05 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 notice is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

NMOCD

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

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>29399</b>	*Pool Code 71599 / 72319	*Pool Name Basin Dakota and Blanco Mesaverde
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT	*Well Number 71M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 7136'

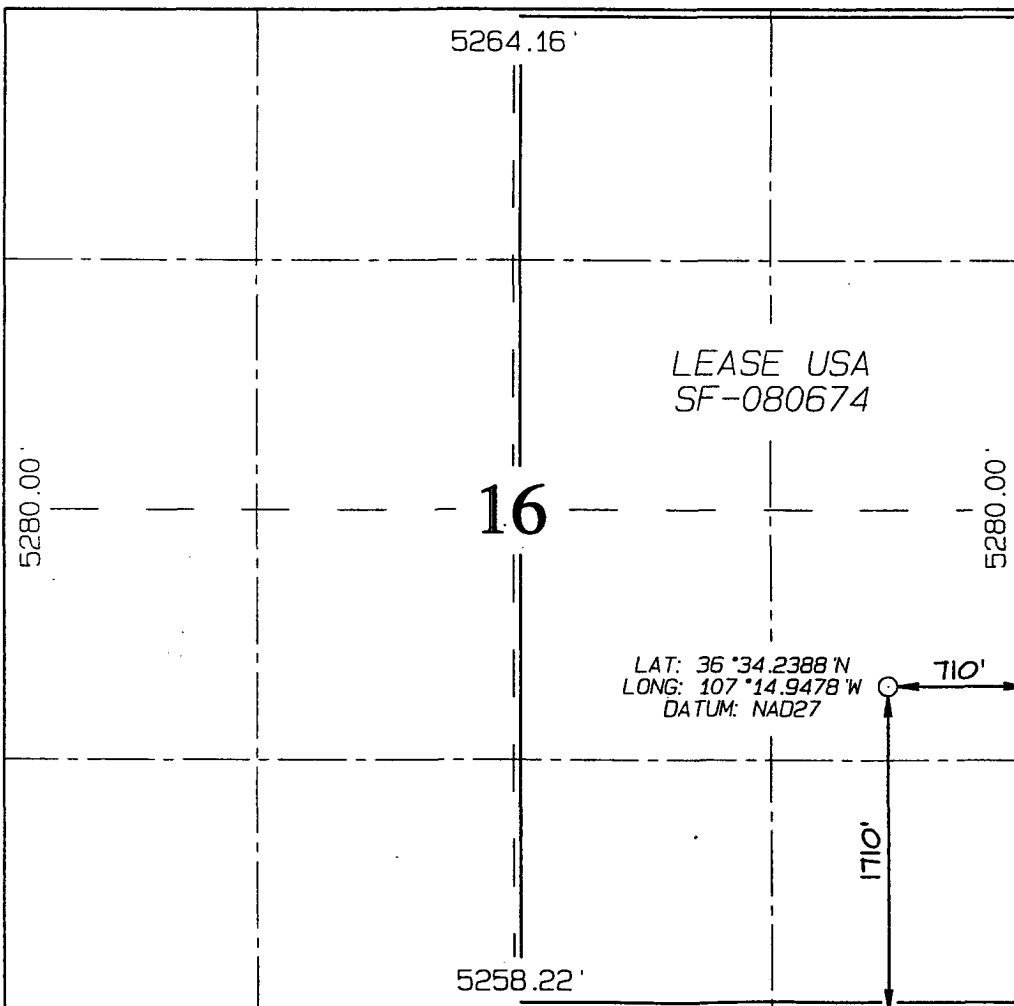
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	16	27N	4W		1710	SOUTH	710	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
I									
<sup>12</sup> Dedicated Acres 320 E/2 for MV & DK					<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>17</sup> OPERATOR CERTIFICATION

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

*Patsy Clugston*  
Signature

Patsy Clugston

Printed Name

Sr. Regulatory Specialist

Title

12-8-04

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: JULY 15, 2004

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*  
Certificate Number 15269

Office

Energy, Minerals and Natural Resources

May 27, 2004

District I

WELL API NO.

1625 N. French Dr., Hobbs, NM 88240

30-039-29399

District II

5. Indicate Type of Lease

1301 W. Grand Ave., Artesia, NM 88210

STATE ☐FEE ☐District III**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

6. State Oil &amp; Gas Lease No.

1000 Rio Brazos Rd., Aztec, NM 87410

Santa Fe, NM 87505

District IV

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

**Federal Lease - SF-080674**

**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.)

7. Lease Name or Unit Agreement Name

**San Juan 27-4 Unit**

1. Type of Well:

Oil Well ☐Gas Well ☒Other ☐

8. Well Number

#71M

2. Name of Operator

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**

9. OGRID Number

**14538**

3. Address of Operator

**3401 E. 30TH STREET, FARMINGTON, NM 87402**

10. Pool name or Wildcat

**Basin Dakota / Blanco Mesaverde**

4. Well Location

Unit Letter **I** : **1710'** feet from the **South** line and **710'** feet from the **East** line  
 Section **16** Township **27N** Range **4W** NMPM County **Rio Arriba**

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

**7136' GR**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 **2200'**

Pit Liner Thickness:

**12****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 ☐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.

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. 90**

DATE

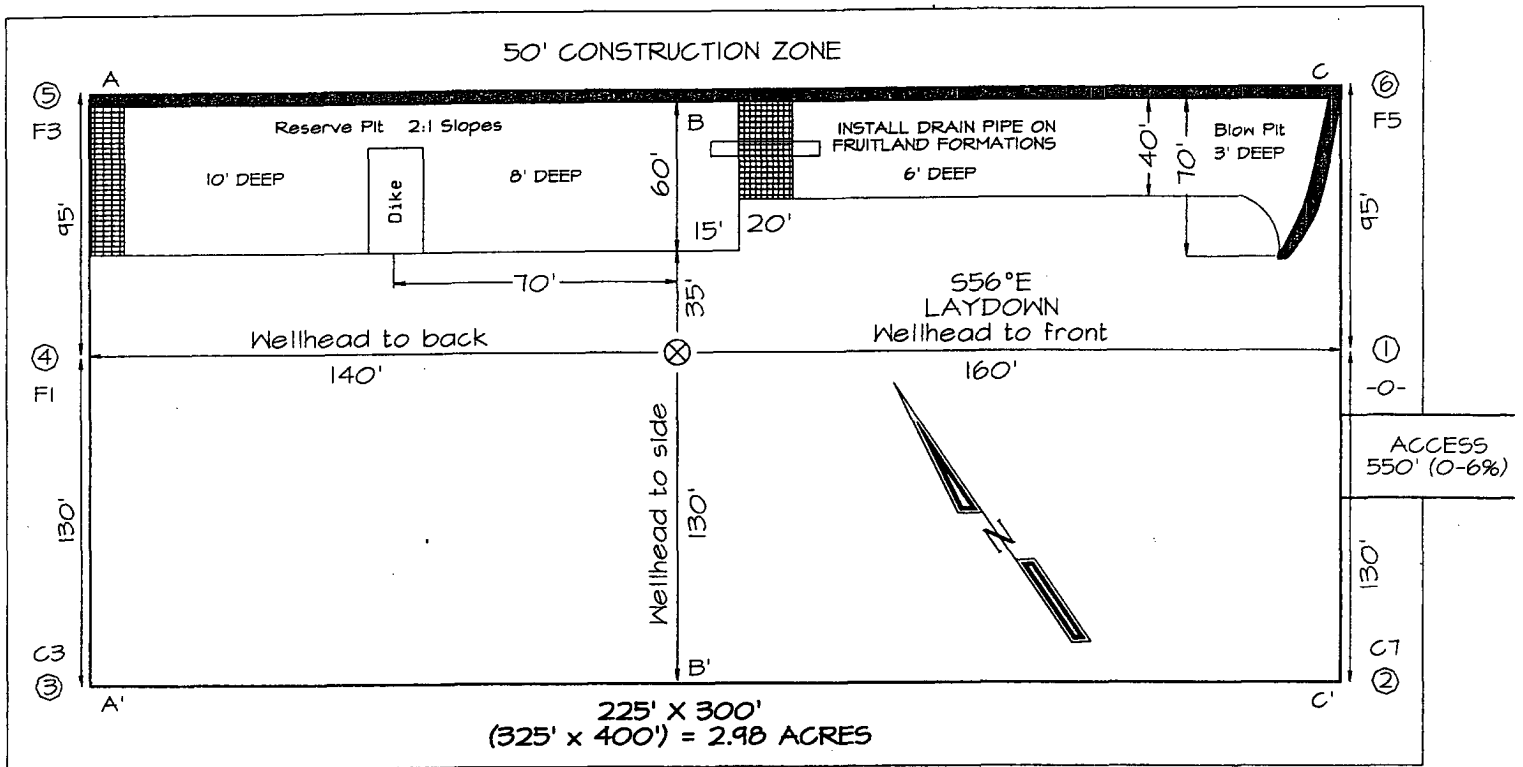
**APR 07 2006**

Conditions of Approval (if any):

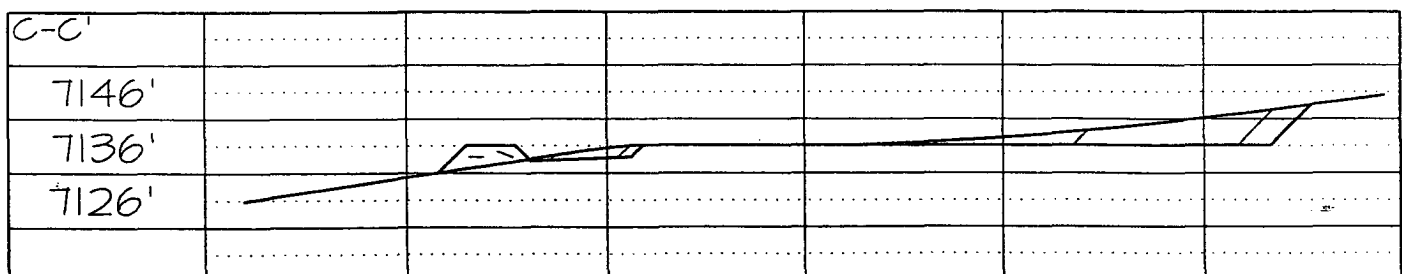
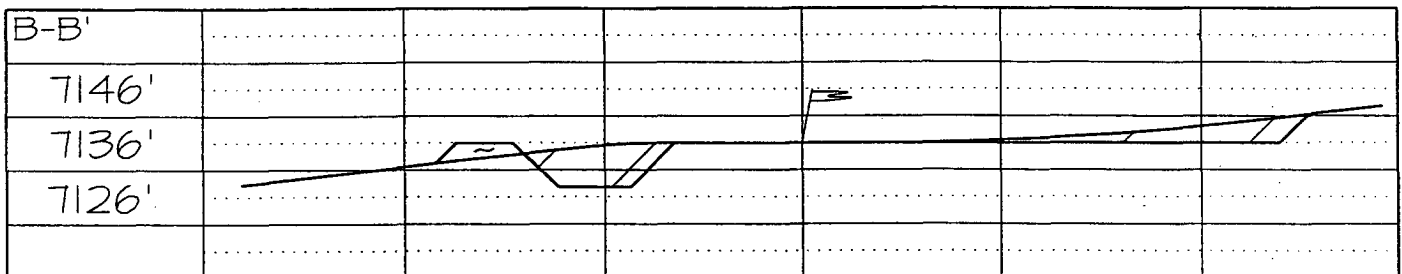
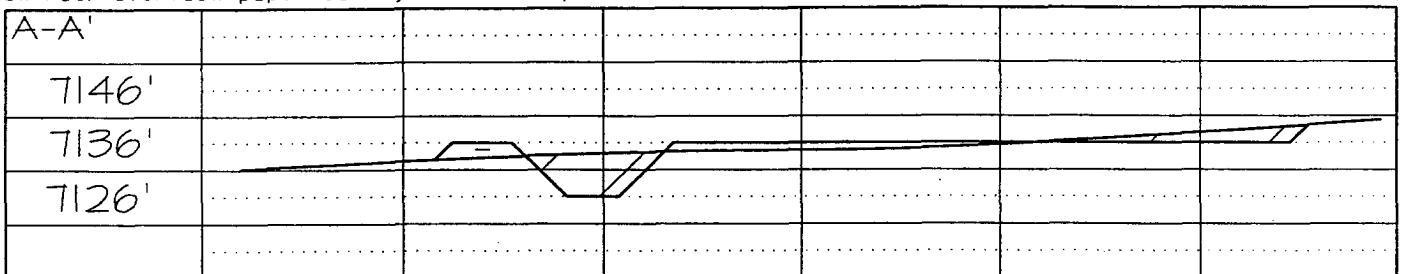
PLAT #1

**BURLINGTON RESOURCES OIL & GAS COMPANY, LP**  
**SAN JUAN 27-4 UNIT #71M, 1710' FSL & 710' FEL**  
**SECTION 16, T27N, R4W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 7136' DATE: JULY 15, 2004**

**LATITUDE: 36°34'14"**  
**LONGITUDE: 107°14'57"**  
 DATUM: NAD1927



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: 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 #71M

**Location:** NESE/4, 1710' FSL & 710' FEL, Sec. 16, T27N, R4W (NMPM)  
Rio Arriba County, NM

Latitude 36° 34.2388'N, Longitude 107° 14.9478'W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 8459'

**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' -	4193	7"	20.0#	J-55	939 cu.ft
6 1/4	0' -	8459	4.5"	10.5#/11.6#	J-55	581 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 16 is dedicated to the Mesaverde and the Dakota formation in this well.
- \* Gas is dedicated.

  
Drilling Engineer

12-22-04  
Date

\*Assumption

Lewis 100