

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2006 MAR 13 PM 3 29

1a. Type of Work  
DRILL

1b. Type of Well  
GAS

2. Operator  
**BURLINGTON**  
RESOURCES Oil & Gas Company

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499  
(505) 326-9700

4. Location of Well  
1690' FNL, 660' FWL  
Latitude 36° 34.5243'N, Longitude 107° 17.8578'W

5. Lease Number  
SF-080669  
Unit Reporting Number  
NMNM-078408A - NMNM 078408B DC

6. If Indian, All. or Tribe

7. Unit Agreement Name  
San Juan 27-4 Unit

8. Farm or Lease Name  
San Juan 27-4 Unit

9. Well Number  
#14N

10. Field, Pool, Wildcat  
Blanco Mesaverde/Basin Dakota

11. Sec., Twn, Rge, Mer. (NMPM)  
E Sec. 18, T27N, R04W

API # 30-039- 29836

12. County  
Rio Arriba

13. State  
NM

14. Distance in Miles from Nearest Town  
15 miles to Gobernador

15. Distance from Proposed Location to Nearest Property or Lease Line  
1640'

16. Acres in Lease

17. Acres Assigned to Well  
321.12 W/2 MV/DK

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease  
1210'

19. Proposed Depth  
7934'

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6656' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: Joni Clark  
Regulatory/Compliance Specialist

Date 3/13/06

PERMIT NO.

APPROVAL DATE

APPROVED BY DJ Montez

TITLE AFM

DATE 3/30/06

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.

BLM FORM 3160-3  
SUBJECT TO OCS POLICIES WITH ATTACHED  
"GENERAL REQUIREMENTS".

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

NMOC

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  
2006 MAR 13 PM 3 29

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

RECEIVED  
WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-27836		*Pool Code 72319 / 71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT		*Well Number 14N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6656'

<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
E	18	27N	4W		1690	NORTH	660	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/2 321.12 acres					<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.

1327.26'

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

<div><p>15</p><p>1690'</p><p>LOT 1</p><p>LEASE USA SF-080669</p><p>LAT: 36°34.5243' N LONG: 107°17.8578' W DATUM: NAD27</p><p>660'</p><p>LOT 2</p><p>5280.00'</p><p>LOT 3</p><p>18</p><p>LEASE FEE</p><p>LOT 4</p><p>1331.22'</p><p>1320.00'</p><p>2640.00'</p></div>	<div><p><sup>17</sup> OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p><p><i>Joni Clark</i></p><p>Signature</p><p>Joni Clark</p><p>Printed Name</p><p>Sr. Regulatory Specialist</p><p>Title</p><p>1/10/06</p><p>Date</p></div>
	<div><p><sup>18</sup> SURVEYOR CERTIFICATION</p><p>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.</p><p>Survey Date: OCTOBER 27, 2005</p><p>Signature and Seal of Professional Surveyor</p><div><p>JASON C. EDWARDS</p><p>NEW MEXICO</p><p>15269</p><p>REGISTERED PROFESSIONAL SURVEYOR</p></div><p>JASON C. EDWARDS</p><p>Certificate Number 15269</p></div>

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- 29836

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

SF-080669

7. Lease Name or Unit Agreement Name

San Juan 27-4 Unit

8. Well Number

14N

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 E : 1690 feet from the North line and 660 feet from the West line  
Section 18 Township 27N Range 4W NMPM County Rio Arriba, NM

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

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; 200'

&lt; 1000'

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 ☐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 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

TITLE

Regulatory Specialist

DATE

11/10/2005

Type or print name

Joni Clark

E-mail address:

jclark@br-inc.com

Telephone No.

326-9700

**For State Use Only**

APPROVED BY

TITLE

DEPUTY OIL &amp; GAS INSPECTOR DIST. 2

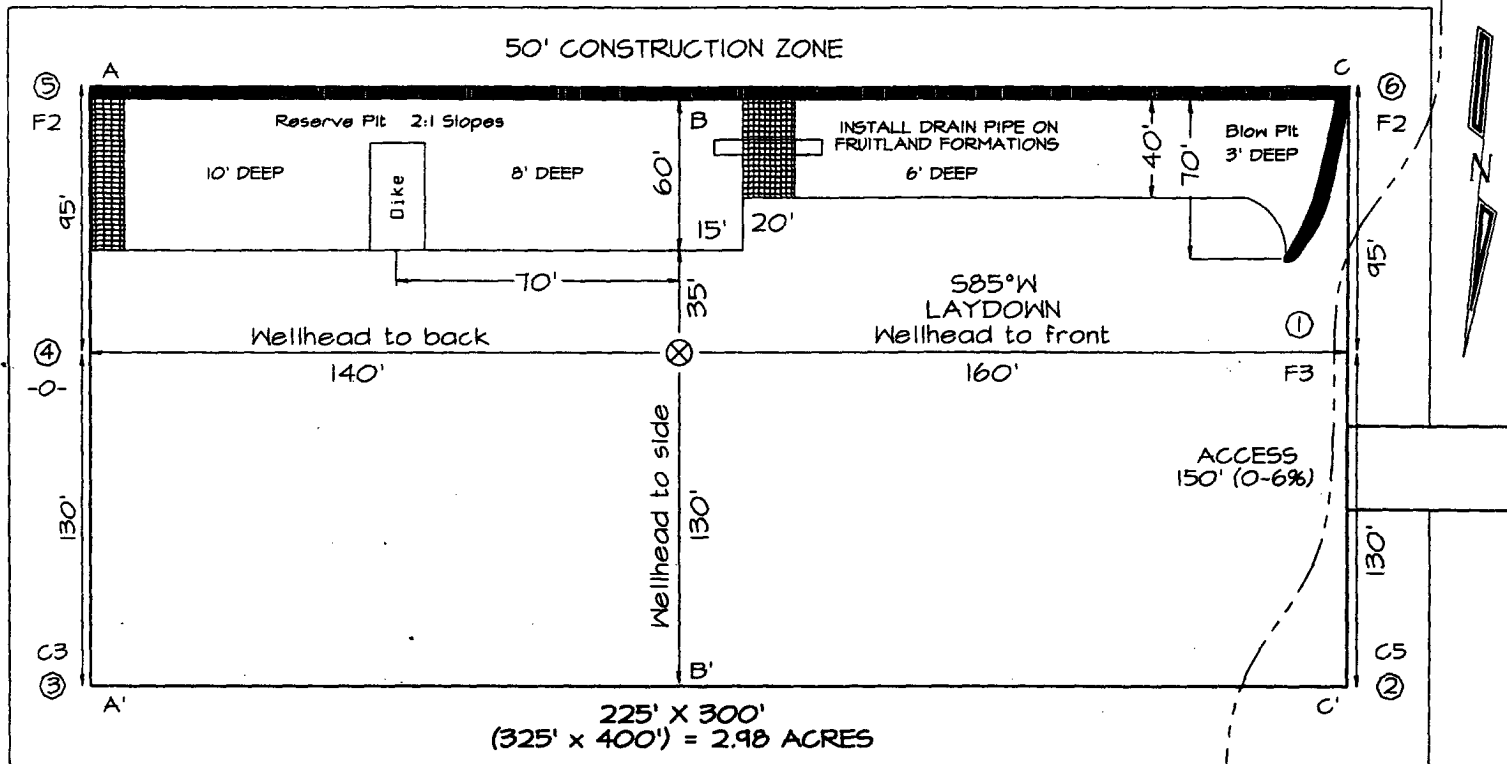
DATE

APR 03 2006

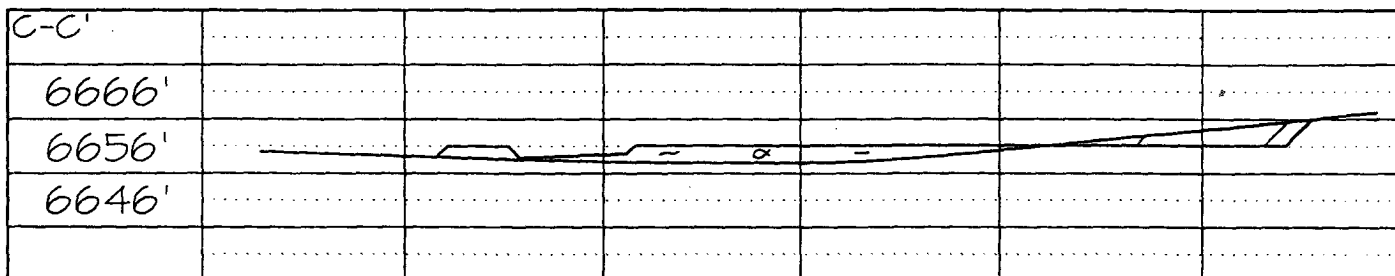
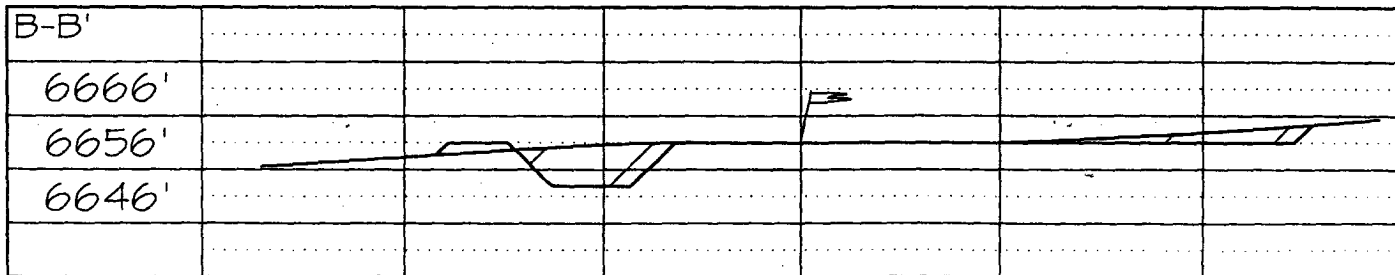
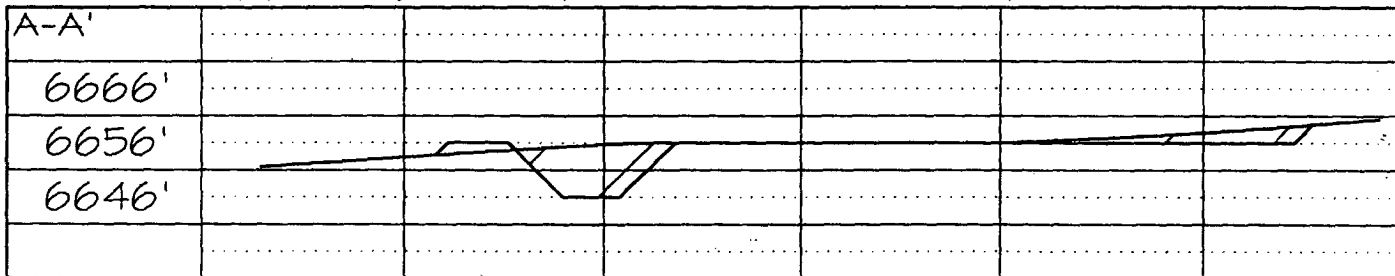
Conditions of Approval (if any):

**BURLINGTON RESOURCES OIL & GAS COMPANY, LP**  
**SAN JUAN 27-4 UNIT #14N, 1690' FNL & 660' FWL**  
**SECTION 18, T27N, R4W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 6656' DATE: OCTOBER 27, 2005**

**LATITUDE: 36°34'31"**  
**LONGITUDE: 107°17'51"**  
 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 #14N

**Location:** SWNW/4, 1690' FNL & 660' FWL, Sec. 18, T27N, R4W  
Rio Arriba County, NM

Latitude 36° 34.5243'N, Longitude 107° 17.8578'W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 7934'

**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' - 3808'	7"	20.0#	J-55	852	cu.ft
6 1/4	0' - 7934'	4.5"	11.6#	N-80	562	cu.ft

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

- \* The Mesaverde and Dakota formations will be completed and commingled.
- \* The west half of Section 18 is dedicated to the Mesaverde and the Dakota formation in this well.
- \* Gas is dedicated.

  
Drilling Engineer

  
Date 11/15/05

C. HARRADEN/ March 14, 2006 

BURLINGTON RESOURCES/ San Juan 27-4 Unit #14N APD

### STIPULATION/CONDITION OF APPROVAL

This well is located within a 'vulnerable area'. In order to protect the integrity of the fresh water alluvium aquifer, a minimum surface csg. depth of 200' is stipulated as a condition of approval for this APD.