

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

8

2005 FEB 2 PM 1 56

RECEIVED  
070 FARMINGTON NM

1a. Type of Work  
DRILL

5. Lease Number 5  
NMNM-012673  
Unit Reporting Number

1b. Type of Well  
GAS

6. If Indian, All. or Tribe

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

7. Unit Agreement Name  
San Juan 30-6 Unit

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

8. Farm or Lease Name

9. Well Number  
420S

4. Location of Well  
Unit I (NESE), 1735' FSL & 420' FEL  
Latitude 36° 49.4770' N  
Longitude 107° 30.8458' W

10. Field, Pool, Wildcat  
Basin Fruitland Coal

11. Sec., Twn, Rge, Mer. (NMPM)  
I Sec. 12, T30N, R7W  
API # 30-039- 29449

14. Distance in Miles from Nearest Town  
20 miles from Navajo City

12. County  
Rio Arriba ✓

13. State  
NM

15. Distance from Proposed Location to Nearest Property or Lease Line  
420'

16. Acres in Lease

17. Acres Assigned to Well  
FC - E/2

18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease  
340' MV - SJ 30-6 #67A

19. Proposed Depth  
3535'

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6526' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: Patsy Chisot  
Sr. Regulatory Specialist

Date 2/2/05

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY D. Mantey TITLE AFM DATE 3-18-05

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

NMOCOD

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

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, 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

2005 FEB 2 PM 1:56  
RECEIVED  
AMENDED REPORT  
070 FARMINGTON NM

### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-039 29449</b>	<sup>2</sup> Pool Code <b>71629</b>	<sup>3</sup> Pool Name <b>Basin Fruitland Coal</b>
<sup>4</sup> Property Code <b>7469</b>	<sup>5</sup> Property Name <b>SAN JUAN 30-6 UNIT</b>	<sup>6</sup> Well Number <b>420S</b>
<sup>7</sup> OGRID No. <b>14538</b>	<sup>8</sup> Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY, LP</b>	<sup>9</sup> Elevation <b>6526'</b>

#### <sup>10</sup> Surface Location

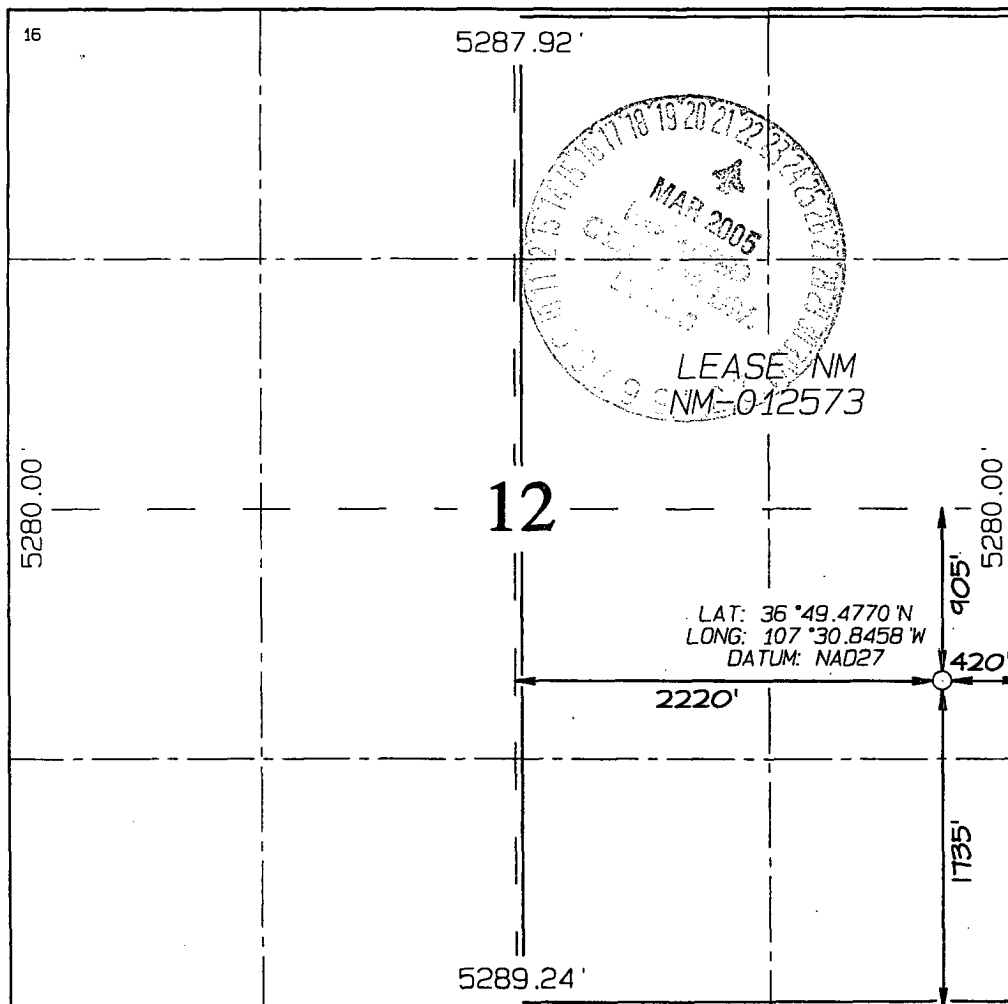
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>I</b>	<b>12</b>	<b>30N</b>	<b>7W</b>		<b>1735</b>	<b>SOUTH</b>	<b>420</b>	<b>EAST</b>	<b>RIO ARriba</b>

#### <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
<b>I</b>									

<sup>12</sup> Dedicated Acres <b>320 E/2</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

**12-10-04**  
Date

**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.

**Survey Date: NOVEMBER 8, 2004**

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

- Submit 3 Copies To Appropriate District

# State of New Mexico

Form C-103

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-

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

Federal Lease - NMNM-012573

7. Lease Name or Unit Agreement Name

San Juan 30-6 Unit

8. Well Number

#420S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal 71629

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 I : 1735' feet from the South line and 420' feet from the East line

Section 12 Township 30N Range 7W NMPM County Rio Arriba

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

6526' GL

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:

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 ☐

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

1/31/2005

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

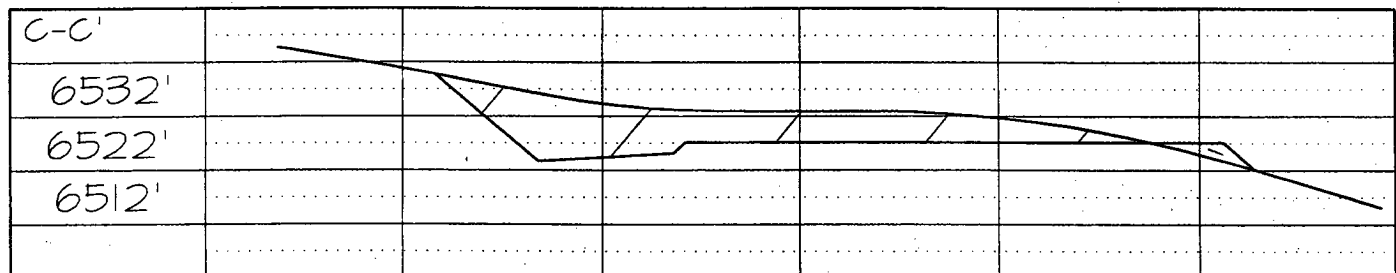
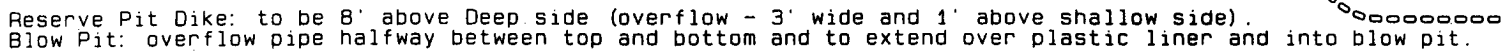
DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

MAR 22 2005

Conditions of Approval (if any):

205' X 240'      305' X 340' = 2.38 ACRES



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 30-6 Unit #420S

**Location:** Unit I (NESE), 1735' FSL & 420' FEL, Sec. 12, T30N, R7W  
Rio Arriba County, NM

Latitude 36° 49.4770'N, Longitude 107° 30.8458'W

**Formation:** Basin Fruitland Coal

**Total Depth:** 3535'

Burlington Resources is requesting a sump on this well.

**Logging Program:** See San Juan 30-6 Unit Wells Master Operations Plan

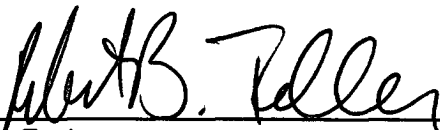
**Mud Program:** See San Juan 30-6 Unit Wells Master Operations Plan

**Casing Program (as listed, the equivalent, or better):** \_\_\_\_\_

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement	
12 1/4	0' - 200	9.625"	32.3#	H-40	188	cu.ft
8 3/4	0' - 3212	7"	20.0#	J-55	714	cu.ft
6 1/4	3192 - 3535	5 1/2"	15.5#	J-55	uncemented	

**Tubing Program:** See San Juan 30-6 Unit Wells Master Operations Plan

- \* The Fruitland Coal formation will be completed.
- \* The east half of Section 12 is dedicated to the Fruitland Coal formation in this well.
- \* Gas is dedicated.

  
\_\_\_\_\_  
Drilling Engineer

2/1/05  
\_\_\_\_\_  
Date

## **MULTI-POINT SURFACE USE PLAN**

San Juan 30-6 Unit #420S

- \* Duke Energy Services will be submitting ROW application for the pipeline including Archaeological Reports and Threaten & Endangered Species
- \* No new road will be built.
- \* Water supply from the Navajo Dam at Francis Creek located in SE/4 Section 14 T-30-N, R-7-W, New Mexico
- \* Surface ownership: Bureau of Land Management
- \* Archaeological Resources: See Archaeological Survey technical report CASA 04-131 from Complete Archaeological Service Associates
- \* Diversion ditch - between Corner 5 & 6; Top of slope draining north with silt trap

Patsy Chugot  
Senior Regulatory Specialist

1/31/05  
Date