

**BURLINGTON**  
**RESOURCES**  
San Juan Division

PMFSO-529249570

Sent Federal Express

September 13, 2005

**RECEIVED**

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87504

SEP 20 2005

Re: San Juan 28-6 Unit #170N  
180' FSL, 80' FEL, Section 5, T-27-N, R-6-W, Rio Arriba County  
30-039-29573

Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

Dear Mr. Stogner:

30-039-29573

Burlington Resources proposes to drill the above referenced well location as a commingled well in the Mesaverde and Dakota formations and is applying for administrative approval of an unorthodox gas well location for the Blanco Mesaverde formation. The Dakota formation falls within a standard location.

The subject well was staked 180 feet FSL and 80 feet FEL due to rugged terrain and wash within the legal spacing window for the Mesaverde formation, as shown on the attached Aerial Photography map. This location offsets the outside of the Participating Area as shown on the attached Offset Operator Plat. We have also proposed this well location in order to stay on the existing road and eliminate any unnecessary surface disturbance.

The following attachments are for your review:

- Approved application for Permit to Drill
- C-102 at referenced location
- Offset operators plat, showing Participating Area for Mesaverde & Dakota formations
- 9 Section plat
- Aerial Photography map

No copies of this application were submitted to offset operator / working interest owners by certified mail, being Burlington Resources was the sole operator. Please let me know if you have any questions about this application.

Sincerely,



Joni Clark  
Regulatory Specialist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NMSF-079049-B Unit Reporting Number REVISED 070 FARMINGTON NM	
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 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 #170N	
4. Location of Well Unit P (SESE) 180' FSL, 80' FEL  Latitude 36° 35.7778'N Longitude 107° 28.8349'W	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota  11. Sec., Twn, Rge, Mer. (NMPM) Sec. 5, T27N, R06W  API # 30-039- 29573	
14. Distance in Miles from Nearest Town 34.1 miles to the Blanco Post Office	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 80'		
16. Acres in Lease	17. Acres Assigned to Well 320.88 E2 MV/DK	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 3482' - San Juan 28-6 Unit #104N		
19. Proposed Depth 7367'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6207' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Armando Sandoval</u> Regulatory Compliance Assistant II	<u>6-23-05</u> Date	

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

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

APPROVED BY Thayne Townsend

TITLE Acting AFM

DATE 8/17/05

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

OPERATOR

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

First, Artesia, N.M. 88210

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

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

ACT III  
Rio Brazos Rd., Aztec, N.M. 87410

ABSTRACT IV  
2040 South Pacheco, Santa Fe, NM 87505

2005 JUN 24 PM 2 ☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

*API Number 30-039-	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT	*Well Number 170N
*OGBD No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	*Elevation 6207'

**10 Surface Location**

UL or lot no.	Section	Township	Range	Lot Mn	Feet from the	North/South line	Feet from the	East/West line	County
P	5	27-N	6-W		180'	SOUTH	80'	EAST	RIO ARRIBA

**11 Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Mn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres MV/DK 320.88 E/2		Joint or Infill		Consolidation Code		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

16 40.34 LOT 4	40.38 LOT 3 San Juan 28-6 Unit 30-039-20452 1650' FNL-1460' FEL	40.42 LOT 2 San Juan 28-6 Unit #38 30-039-07197 1150' FNL-800' FEL	40.46 LOT 1 MV
		NM SF-079051-A	
		5	
		NM SF-079051	
	San Juan 28-6 Unit Well No. 170 30-039-25772 1915' FEL-1150' FEL	LAT: 35°35.777' N LONG: 107°28.834' W MAD 1987	
		NM SF-079049-B	
		8 68'-11"-88" W 2804.65	80' 180'

**17 OPERATOR CERTIFICATION**

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

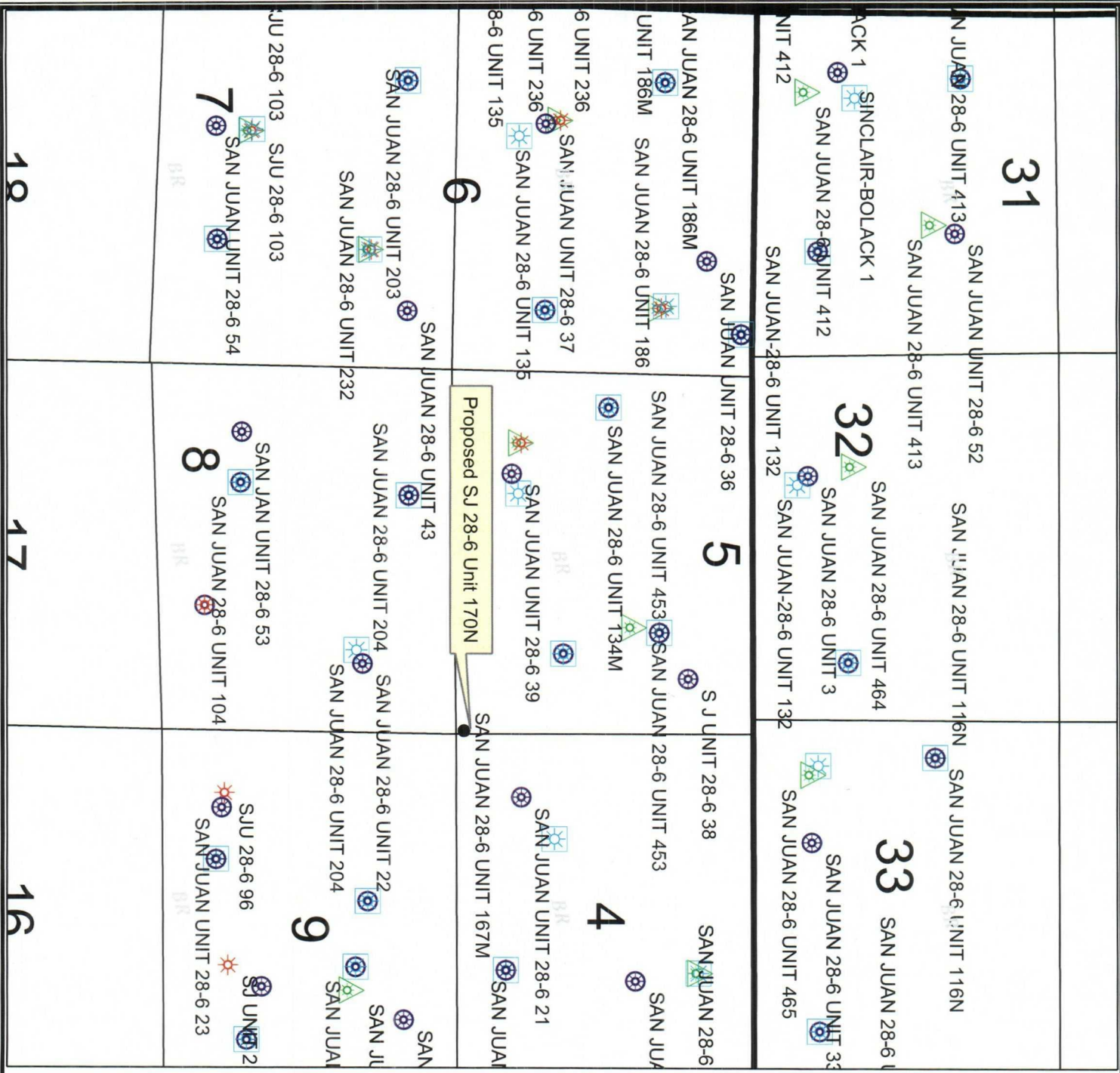
Frances Bond  
Signature  
Frances Bond  
Printed Name  
Regulatory Specialist  
Title  
6.23-05  
Date

**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.

Date of Survey: 6.17.05  
Signature: [Signature]  
NEW MEXICO  
15703  
LICENSED PROFESSIONAL SURVEYOR  
Certificate Number: 15703





**Legend**

<all other values>

FRUITLAND COAL

PICTURED CLIFFS

MESAVERDE

DAKOTA

Sections\_(SJD)

Townships\_(SJD)



**BURLINGTON**  
RESOURCES

**PLAT**

**BURLINGTON RESOURCES**  
*San Juan*

**San Juan 28-6 Unit 170N**  
**9 Section Plat**

Sec. 5, T27N, R6W, Rio Arriba County, NM

Prepared By: je Date: 9/13/2005

File Number: 9/13/2005

Revised Date: 9/13/2005

File Name:



**BURLINGTON**  
RESOURCES



GCS North American 1927

**BURLINGTON RESOURCES**  
*San Juan*

**San Juan 28-6 Unit 170N**  
**NSL Plat**

Section 5, T27N, R6W, NMPM

Prepared By: JEC Date: 9/13/2005  
 File Number: Revised Date: 9/13/2005  
 File Name: C:\plat\Public\Projects\PI\ Sundries - tlw\PI Sundries - tlw.mxd

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

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)</p>		<p>WELL API NO. <b>30-039-</b></p>
<p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY LP</b></p>		<p>6. State Oil &amp; Gas Lease No. <b>NMSF- 079049B</b></p>
<p>3. Address of Operator <b>3401 E. 30TH STREET, FARMINGTON, NM 87402</b></p>		<p>7. Lease Name or Unit Agreement Name <b>San Juan 28-6 Unit</b></p>
<p>4. Well Location Unit Letter <b>P</b> : <b>180</b> feet from the <b>South</b> line and <b>80</b> feet from the <b>East</b> line Section <b>5</b> Township <b>27N</b> Range <b>6W</b> NMPM County <b>Rio Arriba</b></p>		<p>8. Well Number <b>170N</b></p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>6207'</b></p>		<p>9. OGRID Number <b>14538</b></p>
<p>Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/></p>		<p>10. Pool name or Wildcat <b>Blanco Mesaverde/Basin Dakota</b></p>
<p>Pit type <b>New Drill</b> Depth to Groundwater <b>&lt;50'</b> Distance from nearest fresh water well <b>&gt;1000'</b> Distance from nearest surface water <b>4200'</b></p>		
<p>Pit Liner Thickness: <b>12</b> mil Below-Grade Tank: Volume <b>bbls;</b> Construction Material <b></b></p>		

**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 NMOCDD 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 NMOCDD 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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Amanda Sandoval TITLE Regulatory Assistant II DATE 6/6/2005

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. 2 DATE AUG 19 2005

Conditions of Approval (if any):

*If ground water is less than 20', no below grade pits or tanks may be used.*

Submit 3 Copies To Appropriate District Office  
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

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
March 4, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-039-29573
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. NMSF-079049-B
7. Lease Name or Unit Agreement Name San Juan 28-6 Unit
8. Well Number #170N
9. OGRID Number 14538
10. Pool name or Wildcat Blanco Mesaverde/ Basin Dakota - 71599/72319

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  
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter P : 180' feet from the South line and 80' feet from the East line

Section 5 Township 27N Range 6W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6207' GL

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 COMPLETION ☐

OTHER: Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

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.

It is intended to commingle the subject well in the Blanco Mesaverde (Pool Code 72319) and the Basin Dakota (Pool Code 71599). The Production will be commingled according to Oil Conservation Order Number 11363. Allocation and methodology will be provided after the work completed. Commingling will not reduce the value of the production. Bureau of Land Management has been notified in writing of this application.

No notification is required under New Mexico Conservation Division Order R10696.

DHC1977A2

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 Compliance Assistant II DATE 9/6/05

Type or print name Amanda Sandoval E-mail address: asandoval@br-inc.com Telephone No. 505-326-9891

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE SEP 07 2005  
Conditions of approval, if any: