

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

Location of Well  
2185' FSL, 300' FWL

Latitude 36° 35.2504'N, Longitude 107° 27.6936'W

14. Distance in Miles from Nearest Town  
40.5 miles to Blanco, NM Post Office

15. Distance from Proposed Location to Nearest Property or Lease Line  
300'

16. Acres in Lease

5. Lease Number

SF-079363

Unit Reporting Number

6. If Indian, All. or Tribe

7. Unit Agreement Name

San Juan 28-6 Unit

8. Farm or Lease Name

San Juan 28-6 Unit

9. Well Number

#207N

10. Field, Pool, Wildcat

Blanco MV/Basin DK

11. Sec., Twn, Rge, Mer. (NMPM)

Sec. 10, T27N, R06W

API # 30-039-

29431

12. County

Rio Arriba

13. State

NM

17. Acres Assigned to Well

320 W/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease  
1441'

19. Proposed Depth  
8000'

20. Rotary or Cable Tools

Rotary

21. Elevations (DF, FT, GR, Etc.)  
6444' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: Joni Clark  
Regulatory Specialist

1/25/05  
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE

APM

DATE

4-11-05

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.

NO HPA NOTIFICATION REQUIRED UNDER ORDER R-8768F.

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

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

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 39-039- <b>29431</b>	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde / Basin Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT	*Well Number 207N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	*Elevation 6444'

<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	10	27-N	6-W		2185'	SOUTH	300'	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
*Dedicated Acres W/2 320 acres					*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

<div><p>16</p><p>LOBATO, FLORIPA</p><p>300'</p><p>2185'</p><p>LAT: 36°35.2504' N LONG: 107°27.6936' W NAD 1927</p><p>SF-079363</p><p>S 89-28-40 E 2622.32'</p></div>	<div><p>17 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> Signature Joni Clark Printed Name Sr. Regulatory Specialist Title 1-25-05 Date</p><p>18 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>Date of Survey <i>10/25/04</i> Signature and Seal of Registered Surveyor <i>Glen W. Russell</i> GLEN W. RUSSELL NEW MEXICO 15703 LICENSED PROFESSIONAL SURVEYOR Certificate Number 15703</p></div>
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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 &amp; Gas Lease No.

SF-079363

7. Lease Name or Unit Agreement Name

San Juan 28-6 Unit

8. Well Number

207N

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesaverde/Basin Dakota

SUNDY 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 : 2185 feet from the South line and 300 feet from the West line  
Section 10 Township 27N Range 6W NMPM County Rio Arriba

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

6444'

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

&lt;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.

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

Joni Clark

TITLE

Regulatory Specialist

DATE

1/25/2005

Type or print name

Joni Clark

E-mail address:

tiones3@br-inc.com

Telephone No.

505-326-9700

For State Use Only

APPROVED BY

[Signature]

TITLE

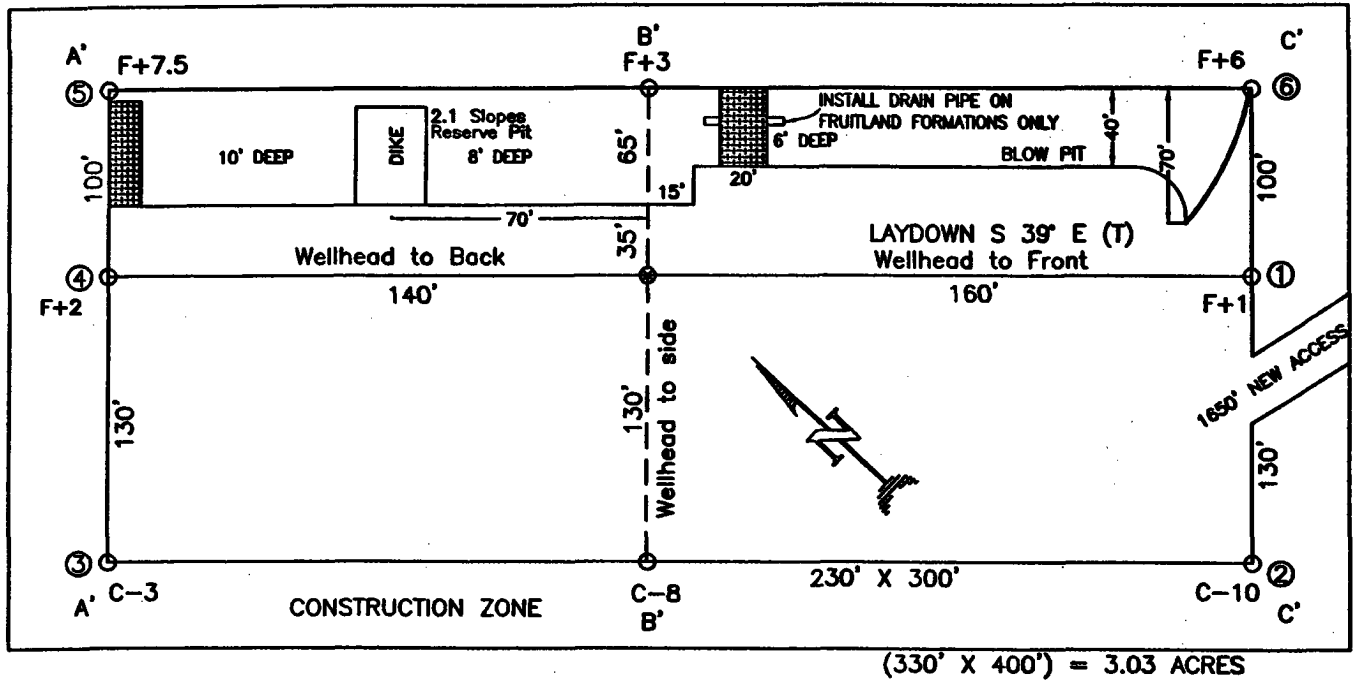
DEPUTY OIL &amp; GAS INSPECTOR, DIST. 30

DATE

APR 12 2005

Conditions of Approval (if any):

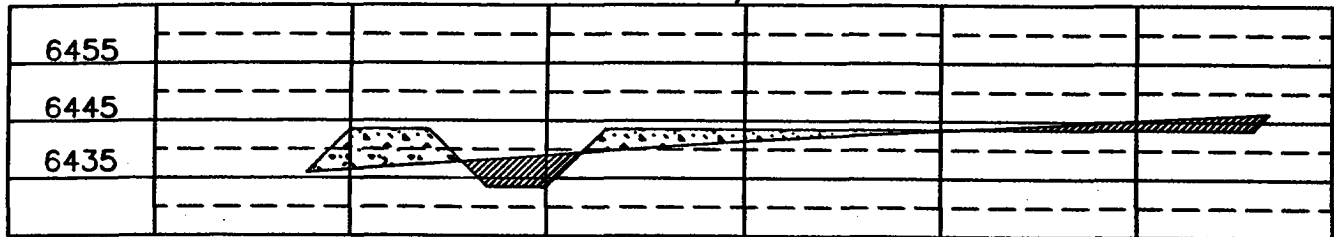
**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**SAN JUAN 28-6 UNIT #207N, 2185' FSL & 300' FWL**  
**SECTION 10, T-27-N, R-6-W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 6444', DATE: SEPTEMBER 28, 2004**



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.

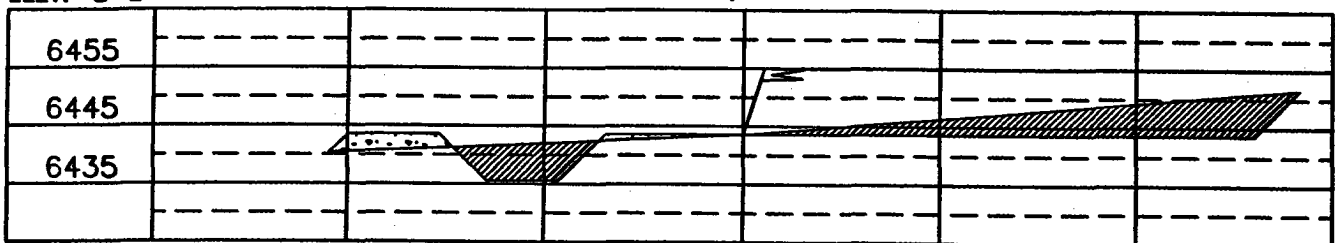
**ELEV. A-A'**

**C/L**



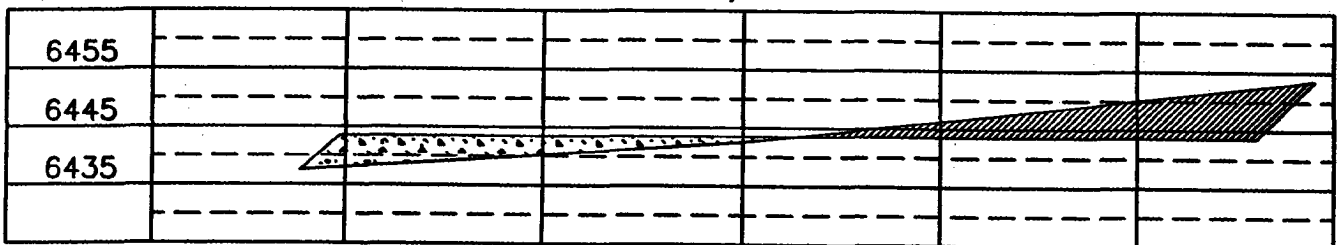
**ELEV. B-B'**

**C/L**



**ELEV. C-C'**

**C/L**



**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 #207N

**Location:** 2185' FSL, 300' FWL, Sec 10, T-27-N, R-6-W  
Rio Arriba County, NM

Latitude 36° 35.2504'N, Longitude 107° 27.6936'W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 7606'

**Logging Program:** See San Juan 28-6 Unit Master Operations Plan

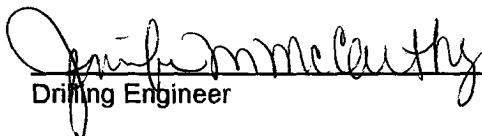
**Mud Program:** See San Juan 28-6 Unit Master Operations Plan

**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' -	3373	7"	20.0#	J-55	754	cu.ft
6 1/4	0' -	7606	4.5"	10.5#	J-55	576	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 10 is dedicated to the Mesaverde and the Dakota formation in this well.
- \* Gas is dedicated.

  
Drilling Engineer

3-1-05  
Date

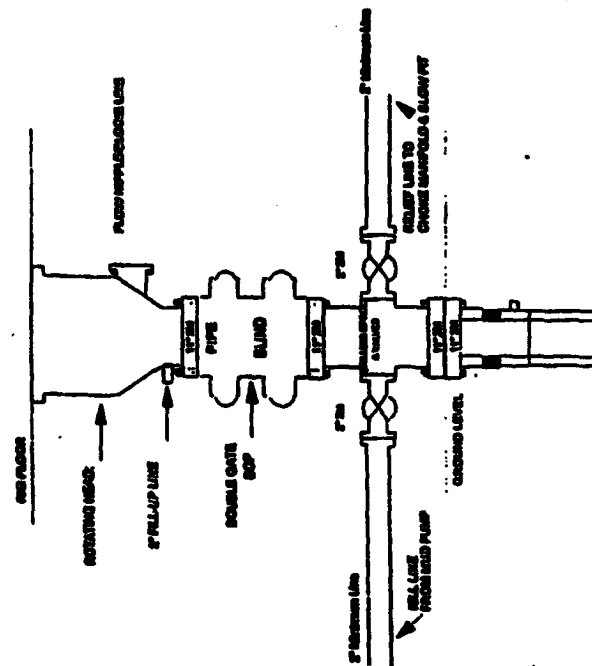
\*Assumption

Lewis 100

## Burlington Resources

## Drilling Rig

## 20000 pad System



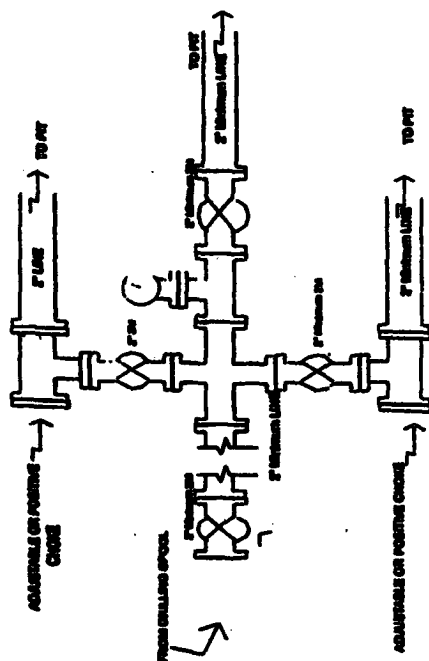
BCP Installation from Surface Casing Point to Total Depth, 11" Bore 10" Norelco, 2000 psi working pressure double gate BCP to be equipped with blind flange and NPS center. A 500 psi rotating head on top of gun preventer. All BCP equipment is 2,000 psi working pressure.

### Figure 2d

**4-20-01**

**Completion/Workover Rig  
BOP Configuration  
2,000 psi System**

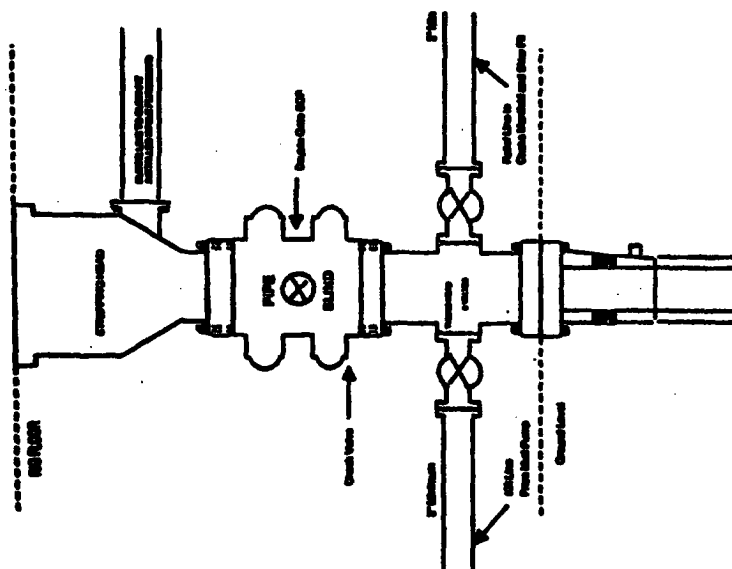
**Drilling Rig  
Choke Manifold Configuration  
2000 psi System**



**Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.**

Figure 43

4-20-01



Minimum BOP installation for all CompactionWerker Operations. 7-11/4" bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stopping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stopping head.

Figure 12