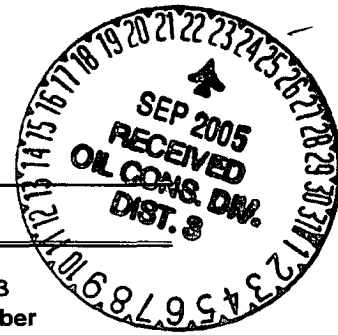


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL

2005 AUG 5 AM 9 30

5. Lease Number  
NMSF-079363  
Unit Reporting Number

1b. Type of Well  
GAS

RECEIVED  
070 FARMINGTON NM

6. If Indian, All. or Tribe

2. Operator  
**BURLINGTON**  
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  
#182N

4. Location of Well  
Unit K (NESW) 2105' FSL, 2455' FWL

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

Latitude 36° 35.2400'N  
Longitude 107° 25.1086'W

11. Sec., Twn, Rge, Mer. (NMPM)  
Sec. 12, T27N, R06W

API # 30-039-29615

14. Distance in Miles from Nearest Town  
37.1 miles to the Blanco Post Office

12. County  
Rio Arriba

13. State  
NM

15. Distance from Proposed Location to Nearest Property or Lease Line  
2105'

16. Acres in Lease

17. Acres Assigned to Well  
320 ~~W2~~ W2 MV/DK

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease  
1716' - San Juan 28-6 Unit #161M

19. Proposed Depth  
7776'

20. Rotary or Cable Tools  
Rotary

21. Elevations (DF, FT, GR, Etc.)  
6574' GL

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: Armanda Sandavel  
Regulatory Compliance Assistant II

8-5-05  
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.

NMOC

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

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

OIL CONSERVATION DIVISION

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

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

2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

2005 AUG 5 AM 9:30 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-29615	<sup>2</sup> Pool Code 72319/71599	<sup>3</sup> Pool Name Blanco Mesaverde/ Basin Dakota NM
<sup>4</sup> Property Code 7462	<sup>5</sup> Property Name SAN JUAN 28-6 UNIT	<sup>6</sup> Well Number 182N
<sup>7</sup> GRID No. 14538	<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	<sup>9</sup> Elevation 6574'

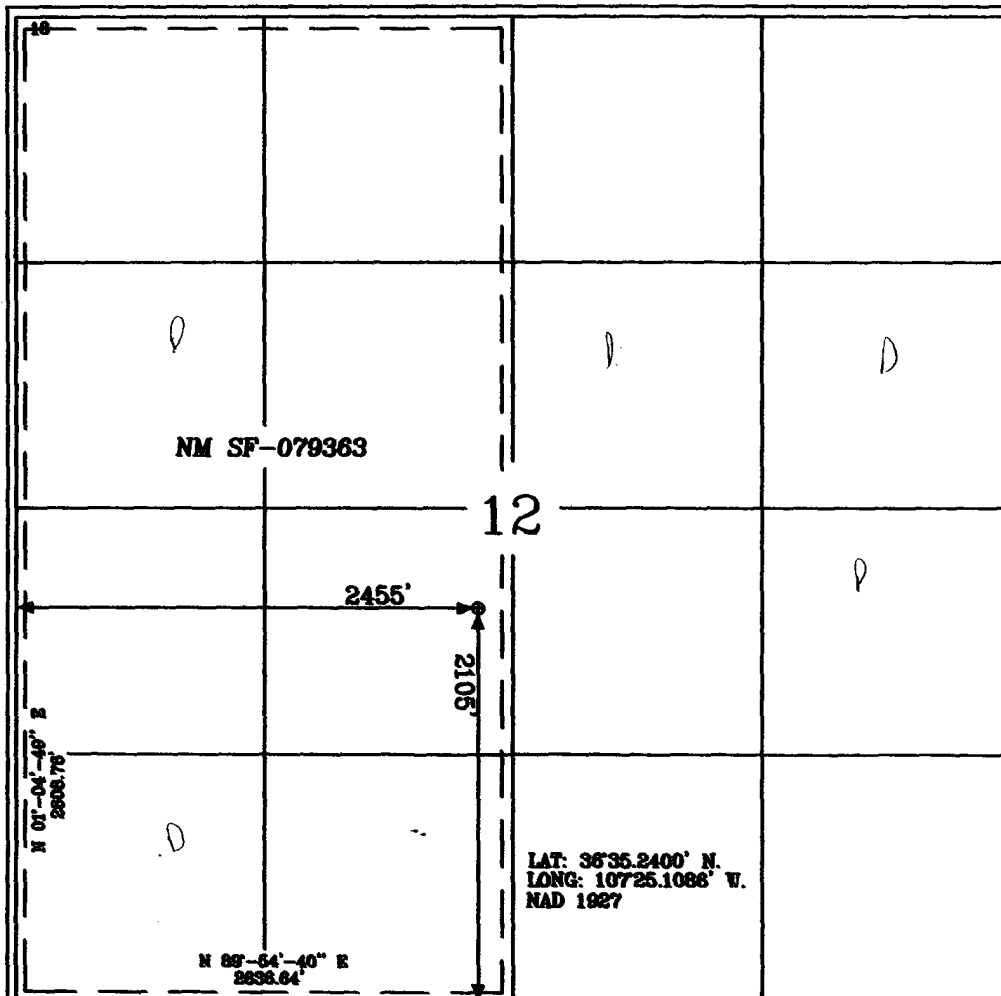
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	12	27-N	6-W		2105'	SOUTH	2455'	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 320 W2 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

*Amanda Sandoval*  
Signature

Amanda Sandoval  
Printed Name

Regulatory Assistant II  
Title 6-13-05

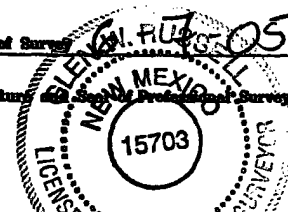
Date

<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

Signature of Licensed Professional Surveyor



*Eileen H. Russell*  
Certificate Number 15703

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- 29615

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

NMSF-079363

7. Lease Name or Unit Agreement Name

San Juan 28-6 Unit

8. Well Number

182N

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Dakota/Balco Mesaverde

**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 K : 2105 feet from the South line and 2455 feet from the West lineSection 12 Township 27N Range 6W NMPM County San Juan, 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;1000'

Pit Liner Thickness:

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 and vent/flare pit will be an unlined 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 unlined, 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

Amanda Sandoval

TITLE

Regulatory Assitant II

DATE

6/23/2005

Type or print name

Amanda Sandoval

E-mail address:

asandoval@br-inc.com

Telephone No.

326-9700

**For State Use Only**

APPROVED BY

[Signature]

TITLE

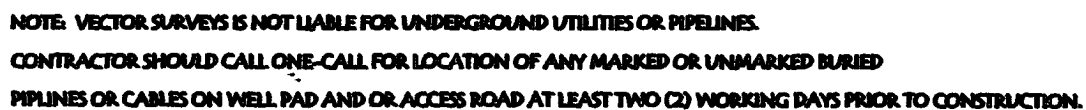
DEPUTY OIL &amp; GAS INSPECTOR, DIST. 8

DATE

SEP 23 2005

Conditions of Approval (if any):


**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**SAN JUAN 28-6 UNIT #182N, 2105' FSL & 2455' FWL**  
**SECTION 12, T-27-N, R-6-W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 6574', DATE: MAY 13, 2005**



**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**SAN JUAN 28-6 UNIT #182N, 2105' FSL & 2455' FWL**  
**SECTION 12, T-27-N, R-6-W, NMPM, RIO ARIBA COUNTY, NM**  
**GROUND ELEVATION: 6574', DATE: MAY 13, 2005**

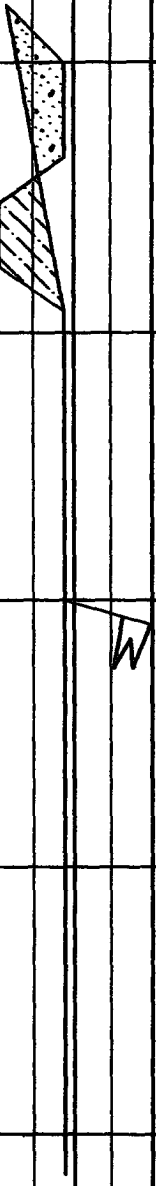
ELEV. A'-A

C/L	
6595	
6585	
6575	
6565	




ELEV. B'-B

C/L	
6595	
6585	
6575	
6565	



ELEV. C'-C

C/L	
6595	
6585	
6575	
6565	



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 #182N

**Location:** 2105' FSL, 2455' FWL, Sec 12, T-27-N, R-6-W  
Rio Arriba County, NM

Latitude 36° 35.2400'N, Longitude 107° 25.1086'W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 7776'

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

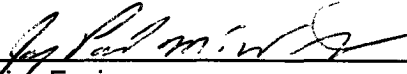
**Mud Program:** See San Juan 28-6 Unit Master Operations Plan

**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' - 3491	7"	20.0#	J-55	781	cu.ft
6 1/4	0' - 7776	4.5"	10.5/11.6#	J-55	583	cu.ft

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

- \* The Mesaverde and Dakota formations will be completed and commingled.
- \* The east half of Section 34 is dedicated to the Mesaverde and the Dakota formation in this well.
- \* Gas is dedicated.

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

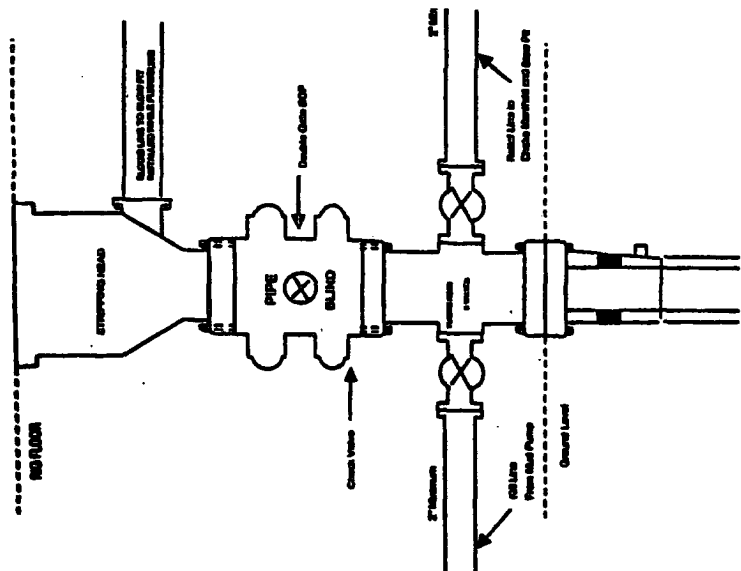
6/27/05  
\_\_\_\_\_  
Date

\*Assumption

Lewis 100

## BURLINGTON RESOURCES

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

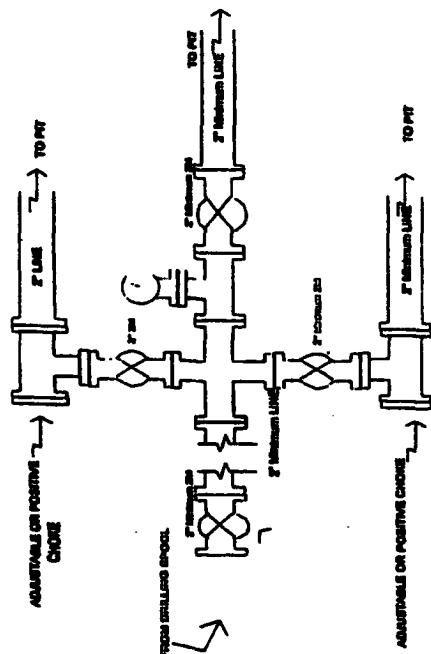


Minimum BOP installation for all Completion/Workover Operations. 7-1/16" bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stripping head.

**Figure #2**

## BURLINGTON RESOURCES

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

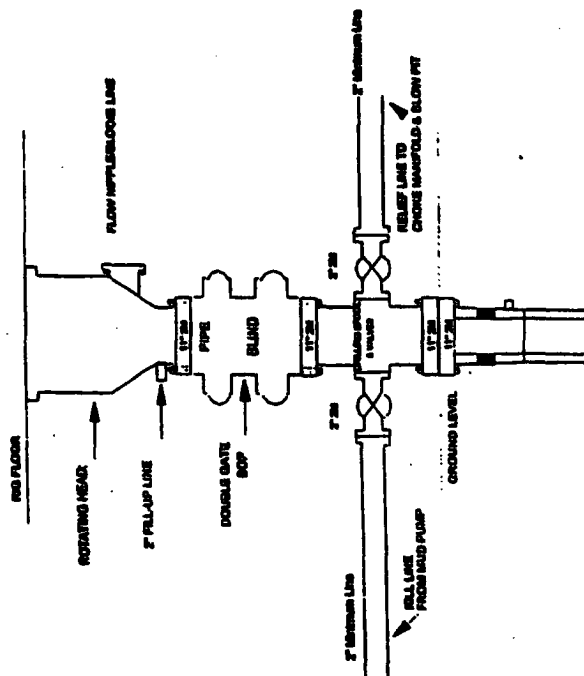


**Choice manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two choices.**

**Figure #3**

## Burlington Resources

## Drilling Rig 2000 psi System



**BOP Installation from Surface Casing Point to Total Depth. 11" Bore**  
18" Nominal, 2000 psi working pressure double gate BOP to be  
equipped with blind rams and pipe rams. A 500 psi rotating head on top of  
man preventers. All BOP equipment is 2,000 psi working pressure

**Figure #1**