

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 NMM-03583
1b. Type of Well GAS	Unit Reporting Number NMM-678412C-DK
2. Operator BURLINGTON RESOURCES Oil & Gas Company	6. If Indian, All. or Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name San Juan 28-6 Unit
4. Location of Well Unit D (NWNW) 1210' FNL & 860' FWL, Latitude 36° 35.5396'N Longitude 107° 29.7129'W	8. Farm or Lease Name
	9. Well Number 104N
	10. Field, Pool, Wildcat Basin Dakota / Blanco MV
	11. Sec., Twn, Rge, Mer. (NMPM) D Sec. 8, T27N, R06W API # 30-039-29766
14. Distance in Miles from Nearest Town	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 860'	
16. Acres in Lease	17. Acres Assigned to Well MV/DK - 320.0 acres <i>W/P</i>
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1058' from SJ 28-6 #104M	
19. Proposed Depth 7318'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6188' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <i>Patsy Clugst</i> Sr. Regulatory Specialist	Date <i>1/26/06</i>

PERMIT NO.

APPROVAL DATE

APPROVED BY *D. Montano*

TITLE *AFM*

DATE *2/21/06*

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. +

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE 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 II
611 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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

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

Fee Lease - 3 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-039-29766		'Pool Code 72319/71599	'Pool Name Blanco Mesaverde/Basin Dakota
'Property Code 7462 ✓	'Property Name SAN JUAN 28-6 UNIT ✓		'Well Number 104N ✓
'OGRM No. 14538 ✓	'Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP ✓		'Elevation 6188' ✓

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	8	27-N	6-W		1210'	NORTH	860'	WEST	RIO ARRIBA

11 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
²³ Dedicated Acres			²⁴ Joint or Infill		²⁵ Consolidation Code		²⁶ Order No.		
W/2 320 ac. MV/DK									

**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 data-bbox="56 980 560 1484"><p>10</p><p>N 89°-19'-59" E 2807.85'</p><p>1210'</p><p>860'</p><p>LAT: 35°35.5398' N. LONG: 107°29.7129' W. NAD 1987</p><p>USA NM -03583</p></div>	<div data-bbox="560 980 1063 1484"><p>8</p></div>	<div data-bbox="1063 980 1552 1484"><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><u>Joni Clark</u> Signature</p><p><u>Joni Clark</u> Printed Name</p><p><u>Sr. Regulatory Specialist</u> Title</p><p><u>12-13-05</u> Date</p></div>
<div data-bbox="56 1484 560 1988"><p>USA NM -03582</p></div>		<div data-bbox="1063 1484 1552 1988"><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><u>11-30-05</u> Date of Survey</p><p><u>Glen W. Russell</u> Signature</p><p><u>GLEN W. RUSSELL</u> NEW MEXICO 15703 LICENSED PROFESSIONAL SURVEYOR</p><p><u>Glen W. Russell</u> Certificate Number</p><p><u>15703</u></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.

30-039-29766

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

San Juan 28-6 Unit

8. Well Number

#104N

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco MV / Basin DK

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 D : 1210' feet from the North line and 860' feet from the West line
Section 8 Township 27N Range 6W NMPM County Rio Arriba

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

6188' GL

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type

New Drill

Depth to Groundwater

<50'

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

<200'

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 ☐

OTHER:

New Drill ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☐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

TITLE

Sr. Regulatory Specialist

DATE

1/5/2006

Type or print name

Patsy Clugston

E-mail address:

pclugston@br-inc.com

Telephone No.

505-326-9518

For State Use Only

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 4

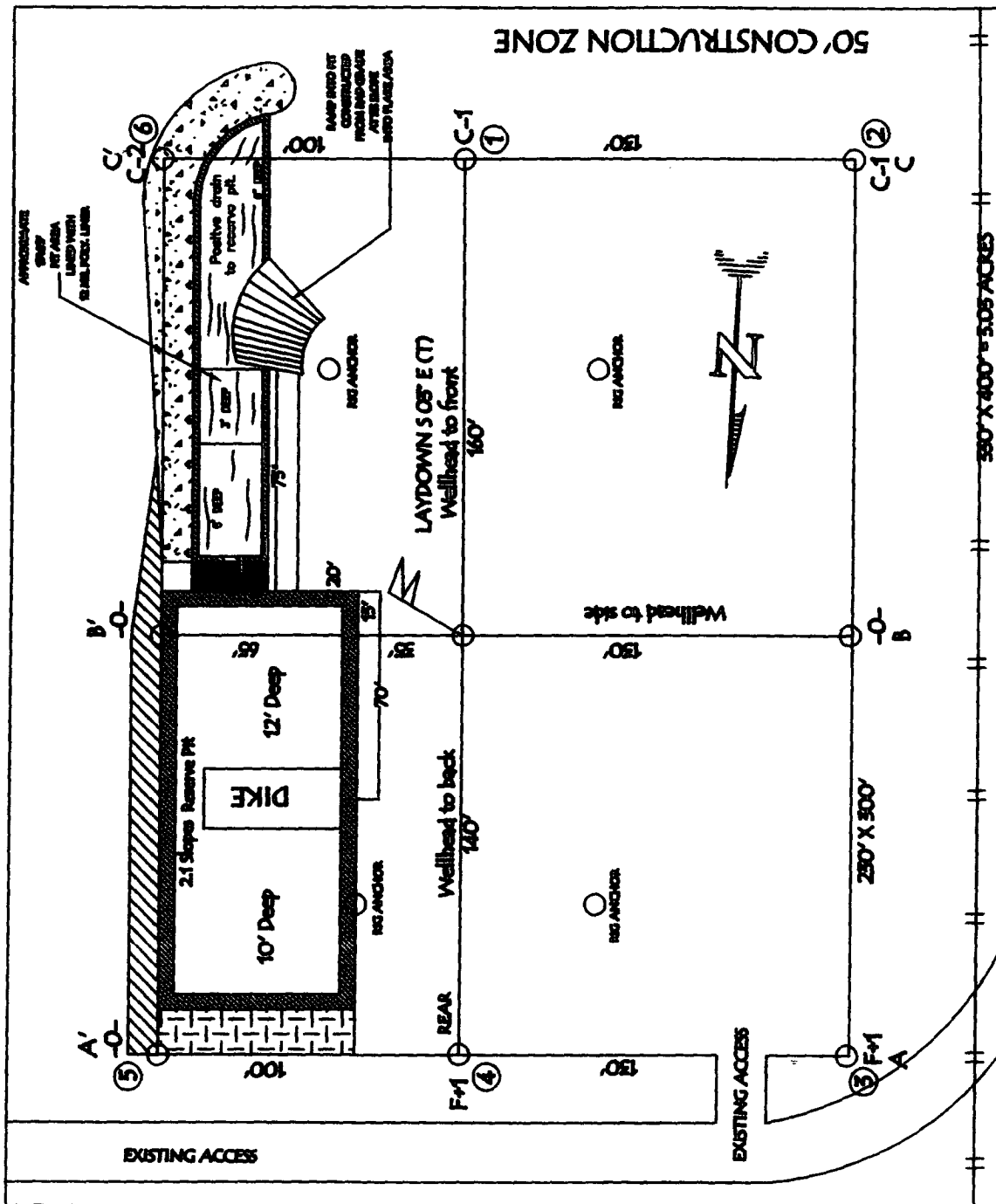
DATE

FEB 23 2006

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 28-6 UNIT #104N, 1210' FNL & 860' FWL
SECTION 8, T-27-N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM
GROUND ELEVATION: 6188', DATE: NOVEMBER 17, 2005

RESERVE PIT DIKE, TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).



LATITUDE: 36° 35.5396' LONGITUDE: 107° 29.7129' NAD27

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.

SAN JUAN 28-6 UNIT #104N, 1210' FNL & 860' FWL
SECTION 8, T-27- N, R-6-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6188', DATE: NOVEMBER 17, 2005

ELEV. B'-B	C/L			
6210				
6200				
6190				
6180				

ELEV. C'-C	CL			
6210				
6200				
6190				
6180				

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 #104N

Location: Unit D (NWNW), 1210' FNL & 860' FWL, Section 8, T27N, R6W
Rio Arriba County, NM

Latitude 36° 35.5396'N, Longitude 107° 29.7129'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7318'

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' - 3050	7"	20.0#	J-55	682	cu.ft
6 1/4	0' - 7318	4.5"	10.5/11.6#	J-55	581	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 08 is dedicated to the Mesaverde and the Dakota formation in this well.
- * Gas is dedicated.

Drilling Engineer

Date

1/5/06

*Assumption

C. HARRADEN/ January 31, 2006

BURLINGTON RESOURCES/ San Juan 28-6 Unit #104N APD
STIPULATION/CONDITION OF APPROVAL

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