

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2004 DEC 30 PM 1 13 RECEIVED 070 FARMINGTON NM	5. Lease Number SF-079419 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> 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 San Juan 28-6 Unit 9. Well Number 94N
4. Location of Well 1985' FNL, 1165' FEL  Latitude 36° 37.1731'N, Longitude 107° 24.7714'W		10. Field, Pool, Wildcat Basin Dakota/Blanco Mesaverde  11. Sec., Twn, Rge, Mer. (NMPM) H Sec 36, T-28-N, R-6-W API # 30-045-39-29400
14. Distance in Miles from Nearest Town 34 miles to PO in Blanco NM	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1165'		
16. Acres in Lease	17. Acres Assigned to Well 320.23 E/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1110'		
19. Proposed Depth 7709	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6477' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Frances Bond</u> Regulatory Specialist	<u>12-30-04</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY DJ Montoya

TITLE AFM

DATE 1-27-05

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

NMOC

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

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

**DISTRICT III**  
**1000 Rio Brasos 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**

☐ AMENDED REPORT

# WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30--039 29400		*Pool Code 71599/72319	*Pool Name Basin Dakota/Blanco Mesaverde
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 94N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6477'

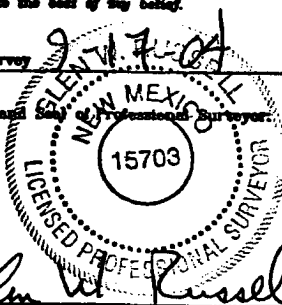
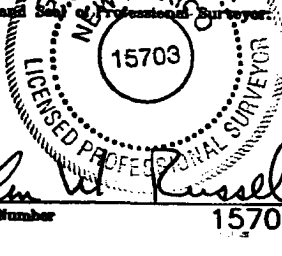
## <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
H	36	28-N	6-W		1985'	NORTH	1165'	EAST	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>22</sup> Dedicated Acres DK-320.23-E/2 MV-320.23-E/2			<sup>23</sup> Joint or Infill		<sup>24</sup> Consolidation Code		<sup>25</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**

<p>16</p>	<p>17</p>	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: right; font-size: 1.2em;"><u>Frances Bond</u></p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Regulatory Specialist _____</p> <p>Title _____</p> <p><u>11-29-04</u></p> <p>Date _____</p>	
<p style="text-align: center;">X</p>	<p style="text-align: center;">X</p>	<p style="text-align: center;">18</p> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plan 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.</i></p> <p>Date of Survey <u>9-17-04</u></p> <p>Signature and Seal of Professional Surveyor _____</p> <p style="text-align: center;">  </p> <p><u>Calvin W. Russell</u></p> <p>Certificate Number _____</p> <p style="text-align: right; font-size: 1.2em;">15703</p>	
<p style="text-align: center;">X</p>	<p style="text-align: center;">X</p>	<p style="text-align: center;">19</p> <p style="text-align: center;">WELL LOCATION CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plan 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.</i></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p style="text-align: center;">  </p> <p><u>Calvin W. Russell</u></p> <p>Certificate Number _____</p> <p style="text-align: right; font-size: 1.2em;">15703</p>	

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-079419

7. Lease Name or Unit Agreement Name

San Juan 28-6 Unit

8. Well Number

94N

9. OGRID Number

14538

10. Pool name or Wildcat

Blanco Mesaverde/Basin Dakota

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 H : 1985 feet from the North line and 1165 feet from the East line  
Section 36 Township 28N Range 6W NMPM County Rio Arriba

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:

na

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 ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐MULTIPLE COMPL ☐

OTHER:

New Drill ☒

## SUBSEQUENT REPORT OF:

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

Burlington Resources proposes to construct a new drilling pit and an associated blow/flare pit. Based on Burlington's interpretation of the OCD's risk ranking criteria, the new drilling pit and blow/flare pit will be an unlined pit as detailed in Burlington's Drilling / Workover Pit Construction / Operation Procedures dated April 26, 2004 on file at the NMOCDD office. A portion of the blow/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 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

Frances Bond

TITLE

Regulatory Specialist

DATE

11/23/2004

Type or print name

Frances Bond

E-mail address:

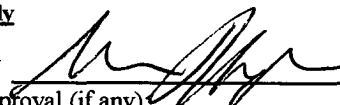
fbond@br-inc.com

Telephone No.

505-326-9847

For State Use Only

APPROVED BY



TITLE

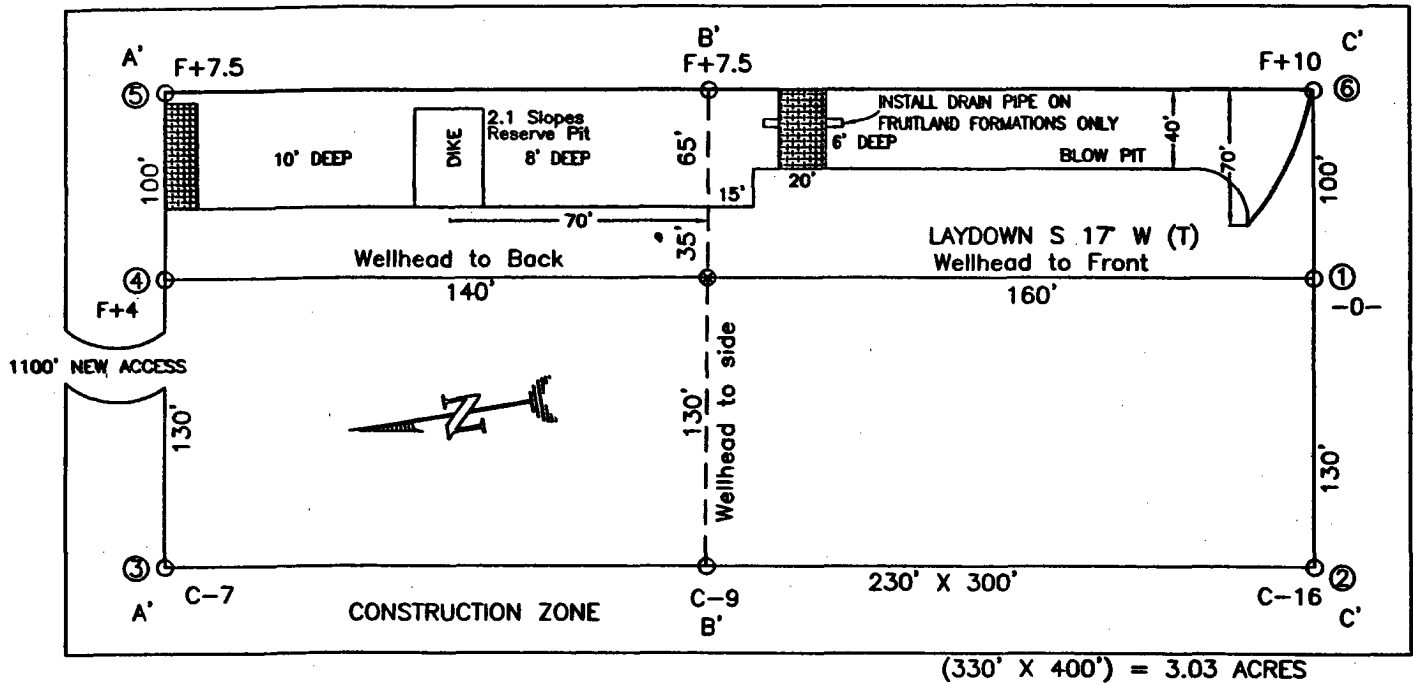
DEPUTY OIL &amp; GAS INSPECTOR, DIST. IV

DATE

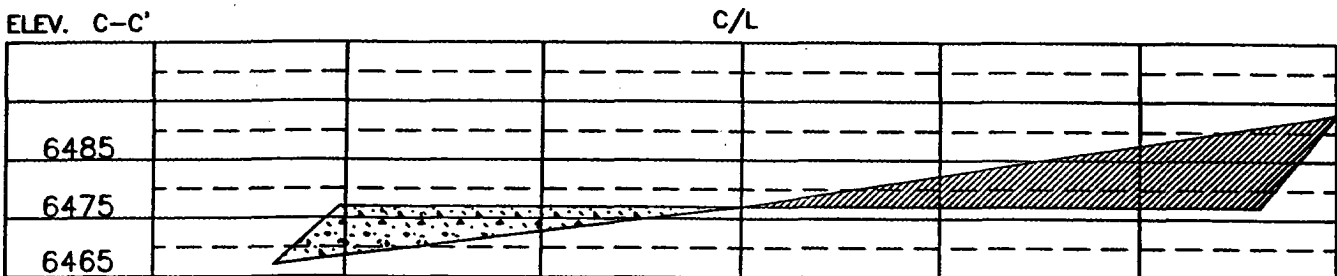
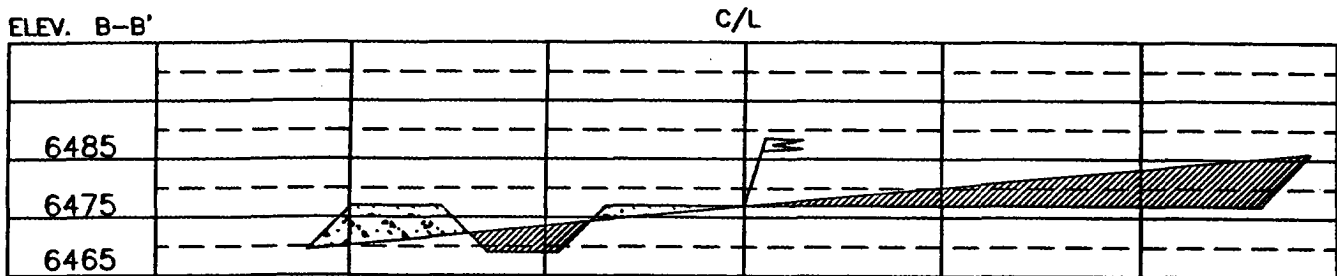
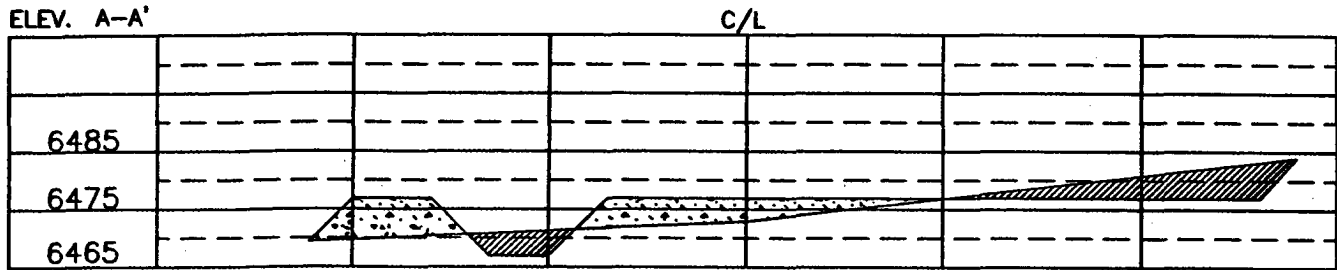
JAN 31 2005

Conditions of Approval (if any):

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**SAN JUAN 28-6 UNIT #94N, 1985' FNL & 1165' FEL**  
**SECTION 36, T-28-N, R-6-W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 6477', DATE: AUGUST 23, 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.



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 #94N

**Location:** 1985' FNL, 1165' FEL, Sec 36, T-28-N, R-6-W  
Rio Arriba County, NM

Latitude 36° 37.1731'N, Longitude 107° 24.7714' W

**Formation:** Basin Dakota/Blanco Mesaverde

**Total Depth:** 7709

**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' -	3549	7"	20.0#	J-55	794	cu.ft
6 1/4	0' -	7709	4.5"	10.5/11.6#	J-55	567	cu.ft

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

- \* The Dakota and Mesaverde formations will be completed.
- \* The east half of Section 36 is dedicated to the Dakota and Mesaverde formation in this well.
- \* Gas is dedicated.

Dean Louigan  
Drilling Engineer

November 29, 2004  
Date

\*Assumption

Lewis 100

**MULTI-POINT SURFACE USE PLAN**

San Juan 28-6 Unit #94N

- \* Anticipated pipeline facilities as shown on the attached plat from Williams Field Services
- \* 1300' of new road will be built.
- \* Water supply from the San Juan 27-5 Water Well #1 located NE/4 Section 3, T-27-N, R-5-W, New Mexico.
- \* Surface ownership: Federal
- \* Archaeological Resources: See Archaeological Survey technical report # WAS0435 from Western Archeological Services

Frances Bond

Regulatory Specialist

12-30-04

Date