

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

1a. Type of Work DRILL	5. Lease Number NMSF-079522	2004 MAY 25 PM 12:04
1b. Type of Well GAS	Unit Reporting Number MV-8910009490 DK-891000949A	Farmington, NM
2. Operator <b>BURLINGTON</b> RESOURCES Oil & Gas Company	6. If Indian, All. or Tribe	7. Unit Agreement Name San Juan 28-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name San Juan 28-5 Unit	9. Well Number #45N
4. Location of Well 10' FNL, 2615' FWL  Latitude 36° 37.4970', Longitude 107° 18.6088'	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota	11. Sec., Twn, Rge, Mer. (NMPM) C Sec. 36, T28N, R5W API # 30-045- <b>039-27754</b>
14. Distance in Miles from Nearest Town 10 miles from Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 10'	17. Acres Assigned to Well MV-344.74 N/2 DK-345.39	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1400'	20. Rotary or Cable Tools Rotary	
19. Proposed Depth 8080'	22. Approx. Date Work will Start	
21. Elevations (DF, FT, GR, Etc.) 6714' GR		
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Nancy Oltmanns</u> Senior Staff Specialist	3-10-04 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 in any matter within its jurisdiction.

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

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.9  
and appeal pursuant to 43 CFR 3165.4

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Drawer DD, Artesia, NM 88211-0719

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

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-27754	*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7460	*Property Name SAN JUAN 28-5 UNIT	*Well Number 45N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6714'

10 Surface Location

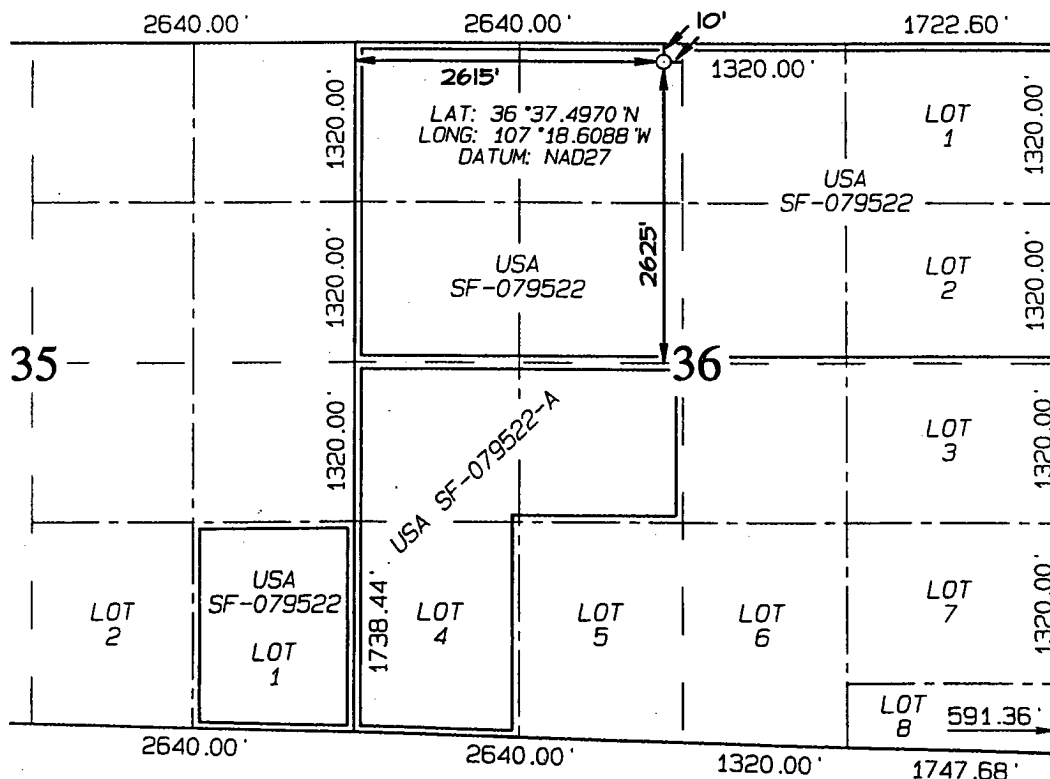
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	28N	5W		10	NORTH	2615	WEST	RIO ARriba

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

12 Dedicated Acres MV-N/344.74 DK-345.39	13 Joint or Infill	14 Consolidation Code	15 Order No. R-2948 Tract 13
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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



17 OPERATOR CERTIFICATION

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

*Nancy Oltmanns*  
Signature

Nancy Oltmanns  
Printed Name  
Senior Staff Specialist  
Title

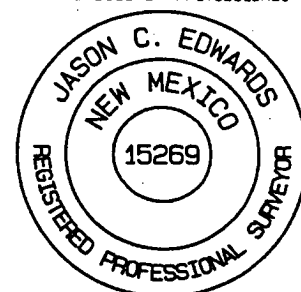
3-10-04  
Date

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.

Survey Date: SEPTEMBER 8, 2003

Signature and Seal of Professional Surveyor



JASON C. EDWARDS  
Certificate Number 15269

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-
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name San Juan 28-5 Unit
8. Well Number #45N
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 & Gas Company LP

3. Address of Operator  
3401 E. 30<sup>th</sup> Street, Farmington, NM 87402

4. Well Location

Unit Letter C : 10 feet from the North line and 2615 feet from the West line

Section 36 Township 28N Range 5W NMPM Rio Arriba County, NM

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

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL C Sect 36 Twp 28N Rng 5W Pit type New Depth to Groundwater <50 Distance from nearest fresh water well  
> 1000' Distance from nearest surface water > 1000' Below-grade Tank Location UL  Sect  Twp  Rng  ;  
 feet from the  line and  feet from the  line

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: New Drill Pit

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.

Burlington Resources proposes to construct a new drill pit. The new drill pit will be a lined pit as detailed in Burlington's general pit construction plan dated April 26, 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 ☐.

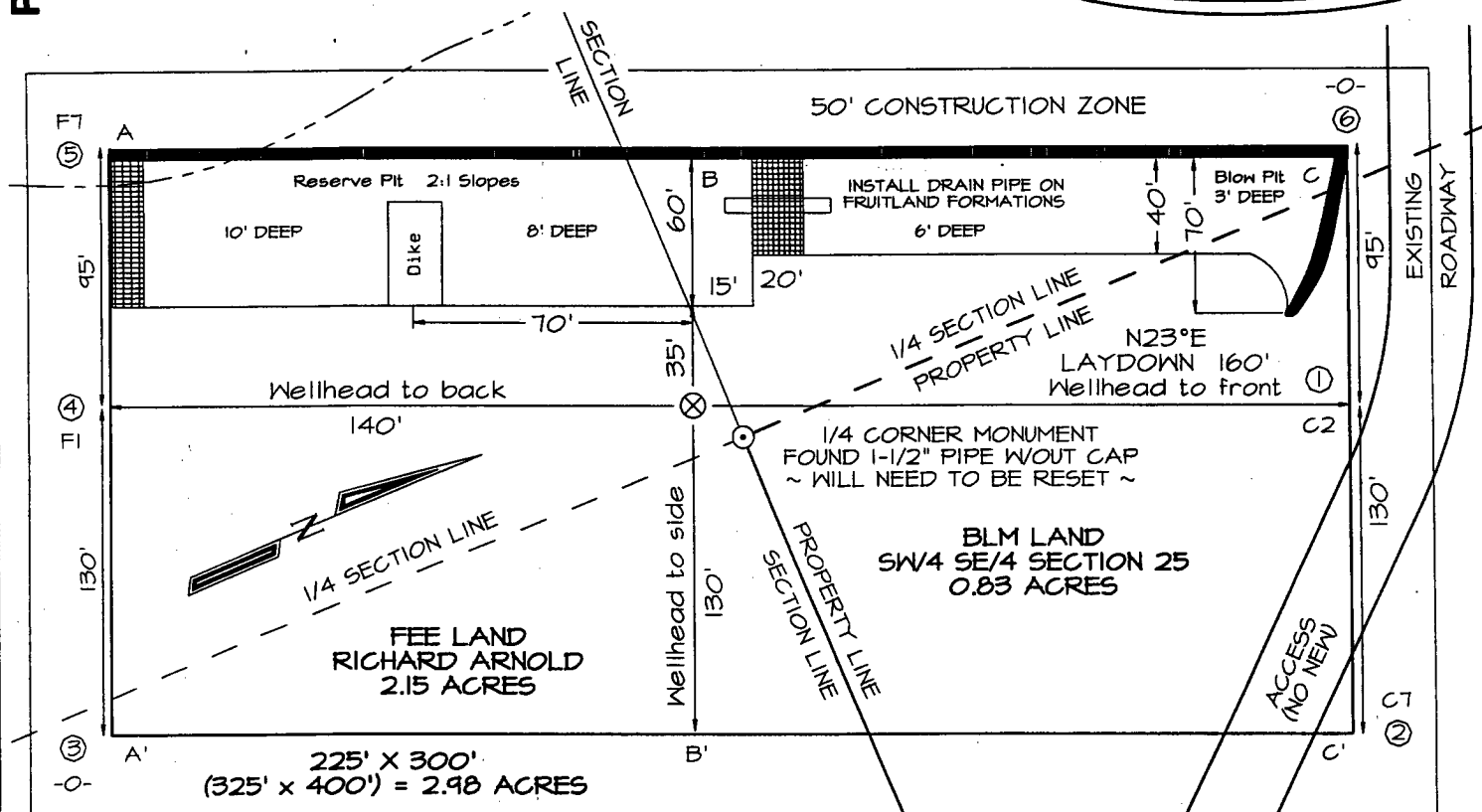
SIGNATURE Cassady Harraden TITLE Regulatory Specialist DATE 5/10/04

Type or print name Cassady Harraden E-mail address charraden@br-inc.com Telephone No. 326-9700

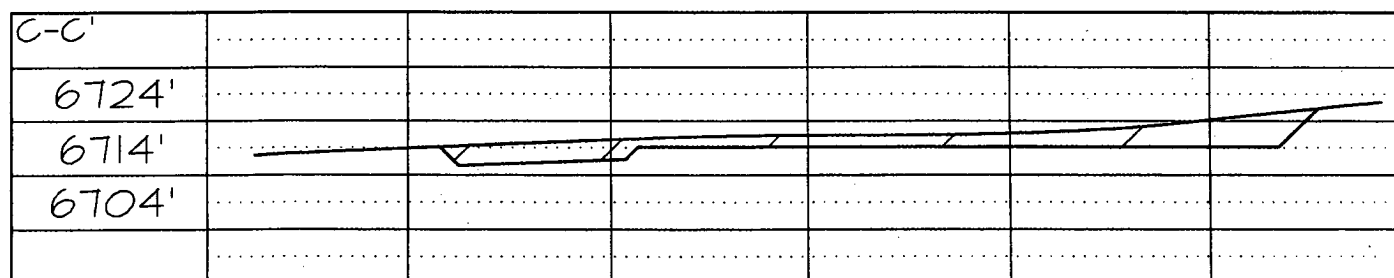
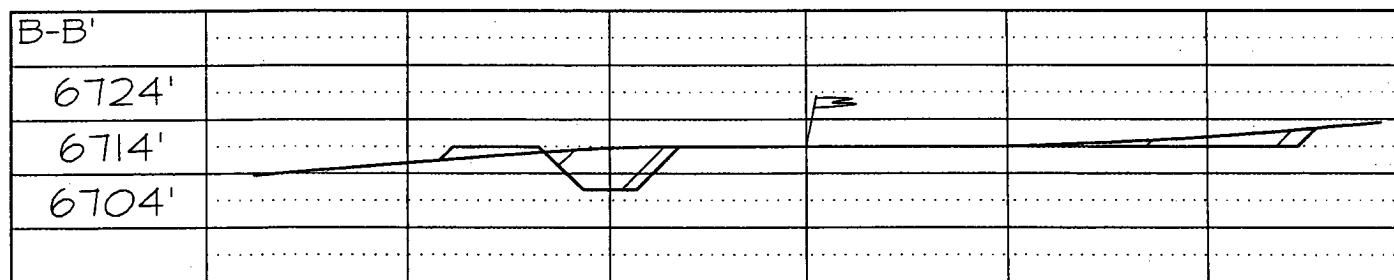
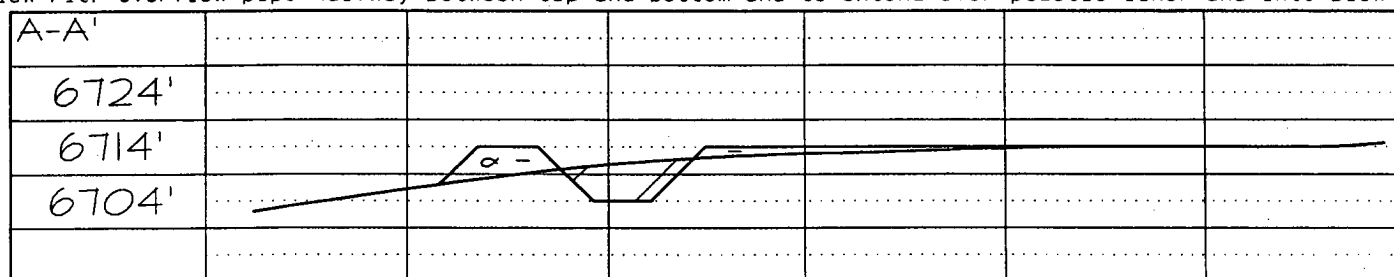
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APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 00 DATE MAY 30 2004  
Conditions of approval, if any:

**LATITUDE: 36°37'30"**  
**LONGITUDE: 107°18'37"**  
DATUM: NAD1927



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: 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 28-5 Unit #45N  
Location: 10' FNL, 2615' FWL, Sec 36, T-28-N, R-5-W  
Rio Arriba County, NM  
Latitude 36° 37.4970', Longitude 107° 18.6088'  
Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 8080'

Logging Program: See San Juan 28-5 Unit Master Operations Plan

Mud Program: See 28-5 Unit Master Operations Plan

Casing Program (as listed, the equivalent, or better):

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>	<u>Cement</u>
12 1/4"	0' - 120'	9 5/8"	32.3#	WC-50	113 cu.ft.
8 3/4"	0' - 3846'	7"	20.0#	J-55	861 cu.ft.
6 1/4"	0' - 7800'	4 1/2"	10.5#	J-55	576 cu.ft.
	7800' - 8080'	4 1/2"	11.6#	L-80	

Tubing Program: See 28-5 Unit Master Operations Plan

- The Mesaverde and Dakota formations will be completed and commingled.
- The north half of Section 36 is dedicated to the Mesaverde. Lot 1 Section 35; S/2NW/4, NE/4NW/4, SW/4NE/4, Lot 4, N/2SW/4 Section 36 is dedicated to the Dakota formation in this well.
- Gas is dedicated.

Sean Corrigan  
Drilling Engineer

April 6, 2004  
Date