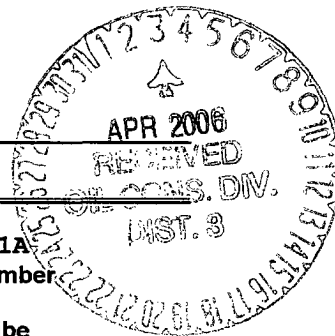


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK



2004 DEC 13 AM 11:34
RECEIVED
070 FARMINGTON NM
NMSF NM079731A
Unit Reporting Number

1a. Type of Work DRILL	5. Lease Number NM079731A
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name San Juan 28-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
	9. Well Number 33M
4. Location of Well Unit E (SW/NW), 1460' FNL & 1040' FWL Latitude 36° 37.1938' N Longitude 107° 15.6360' W	10. Field, Pool, Wildcat Basin Dakota & Blanco Mesaverde
	11. Sec., Twn, Rge, Mer. (NMPM) E Sec. 33, T28N, R4W API # 30-039- 29370
14. Distance in Miles from Nearest Town Gobernador - 15 miles	12. County Rio Arriba
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line	
16. Acres in Lease	17. Acres Assigned to Well DK - W/2 320 & MV N/2 320
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease	
19. Proposed Depth 8718'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7333' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>Patsy Chugst</u> Regulatory Compliance Specialist	<u>12/10/04</u> 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.

ONLY TO BE USED BY AUTHORIZED ARE
FOR COMPLIANCE WITH ATTACHED
BLM FORMS

NMOC

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

RECEIVED

OTO FARMINGTON

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-29370	² Pool Code 71599 / 72319	³ Pool Name Basin Dakota / Blanco Mesaverde
⁴ Property Code 7459	⁵ Property Name SAN JUAN 28-4 UNIT	⁶ Well Number 33M
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	⁹ Elevation 7333

¹⁰ Surface Location

UL or lot no. E	Section 33	Township 28N	Range 4W	Lot Idn	Feet from the 1460	North/South line NORTH	Feet from the 1040	East/West line WEST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. E	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres DK 320 W/2; MY 320 N/2					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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

16

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Patsy Clugston Printed Name Sr. Regulatory Specialist Title 8-26-04 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. Date of Survey: JULY 26, 2004 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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103

May 27, 2004

WELL API NO.

30-039- **29370**

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

Federal Lease - NMNM079731A

7. Lease Name or Unit Agreement Name

San Juan 28-4 Unit

8. Well Number

#33M

9. OGRID Number

14538

10. Pool name or Wildcat

Basin DK & Blanco MV

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 E : 1460 feet from the North line and 1040 feet from the West line
Section 33 Township 28N Range 4W NMPM County Rio Arriba

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

7333' GL

Pit or Below-grade Tank Application

☐ or Closure ☐

Pit type New Drill Depth to Groundwater <100' Distance from nearest fresh water well >1000' Distance from nearest surface water >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.

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 Patsy Clugston TITLE Sr. Regulatory Specialist DATE 12/8/2004

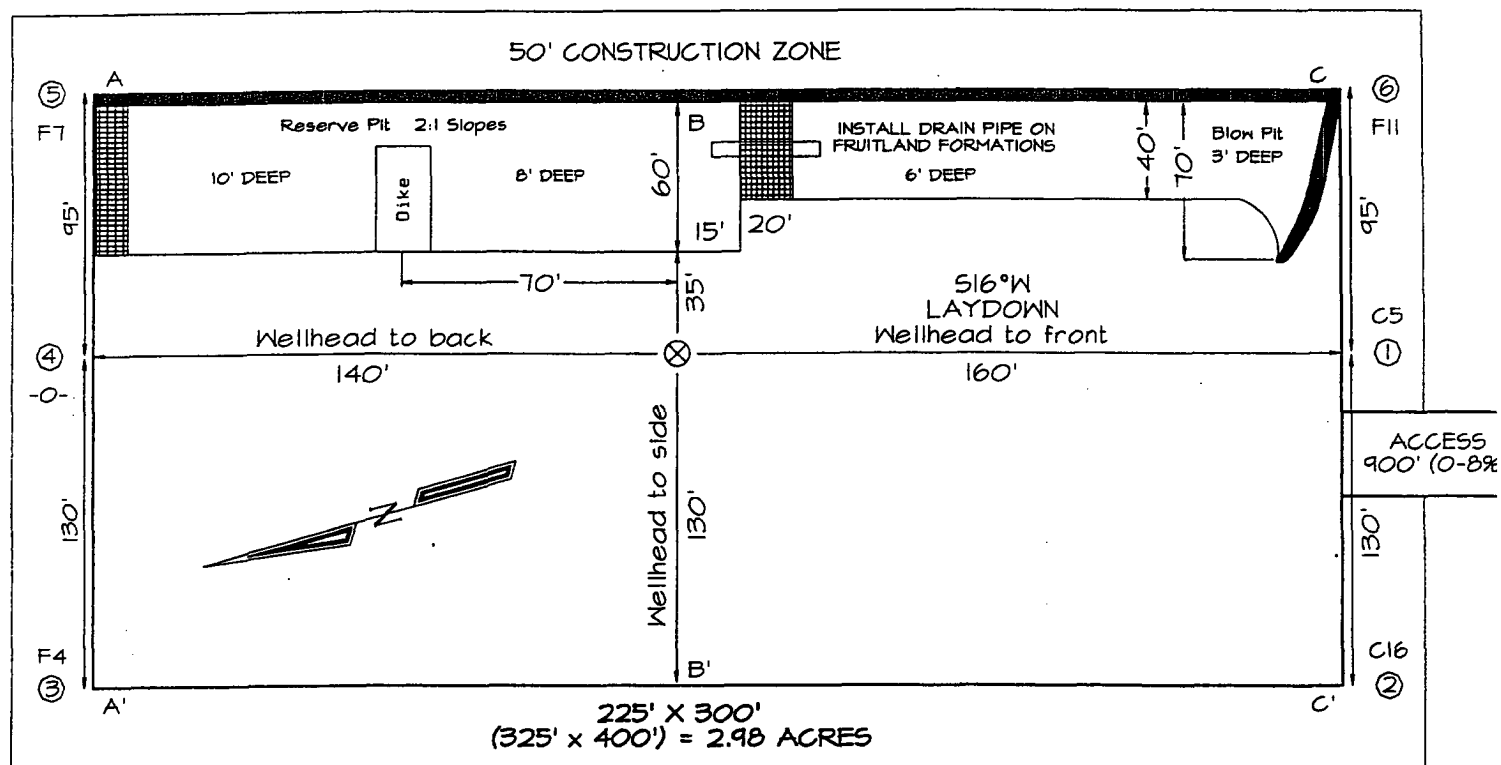
Type or print name Patsy Clugston E-mail address: pclugston@br-inc.com Telephone No. 505-326-9518

For State Use Only

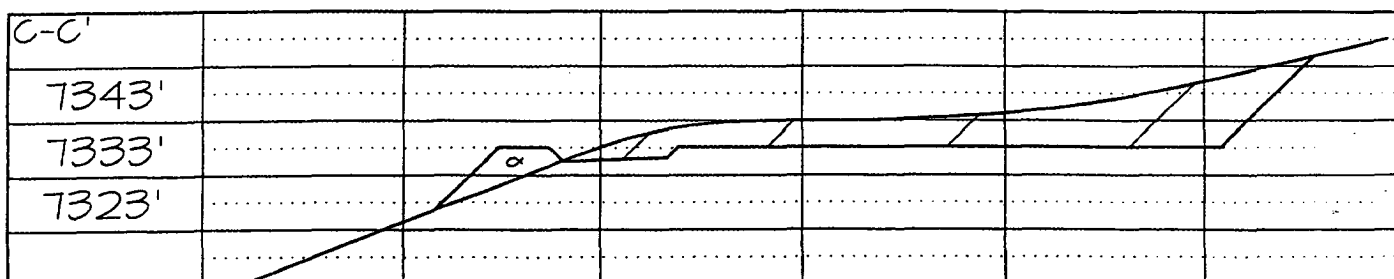
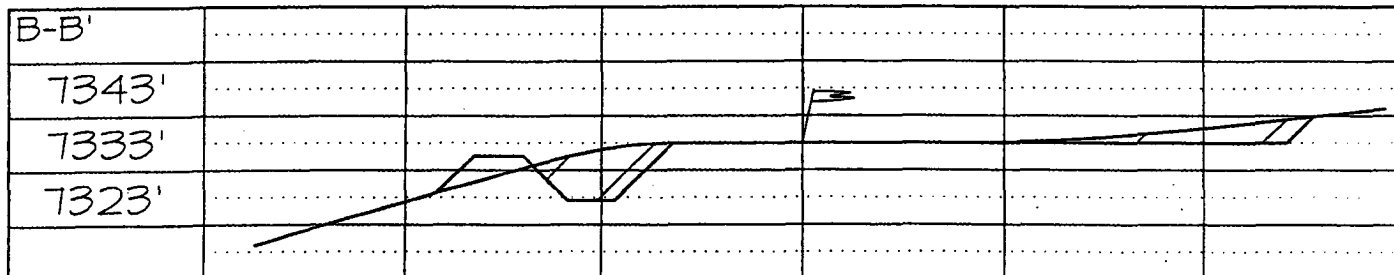
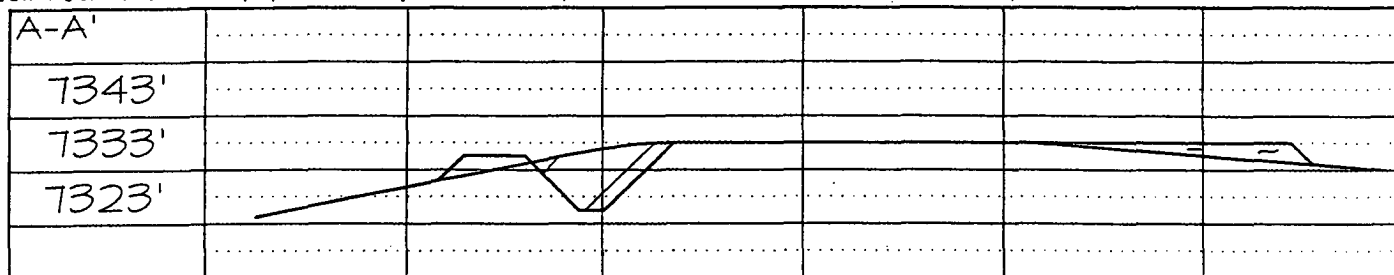
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 2 DATE APR 03 2006

Conditions of Approval (if any):

LATITUDE: 36°37'12"
LONGITUDE: 107°15'38"
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 28-4 Unit #33M

Location: SWNW/4, 1460' FNL & 1040' FWL, Section 33, T28N, R4W
Rio Arriba County, NM

Latitude 36° 37.1938'N, Longitude 107° 15.6360'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 8718'

Logging Program: See San Juan 28-4 Unit Master Operations Plan

Mud Program: See San Juan 28-4 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' -	4475	7"	20.0#	J-55	1003	cu.ft
6 1/4	0' -	8718	4.5"	10.5# / 11.6#	J-55	578	cu.ft

Tubing Program: See San Juan 28-4 Unit Master Operations Plan

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The west half of Section 33 is dedicated to the Dakota and the north half of Section 33 is dedicated to the Mesaverde formation in this well.
- * Gas is dedicated.


Drilling Engineer

12-10-04
Date

*Assumption
Lewis 100