

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2005 FEB 2 PM 1 55
RECEIVED
070 FARMINGTON NM

1a. Type of Work
DRILL

5. Lease Number
NMNMSP-02805

6. Unit Reporting Number

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

7. Unit Agreement Name
San Juan 28-6 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
101M

4. Location of Well
2120' FSL, 375' FEL

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

Latitude 36° 39.5913, Longitude 107° 25.6923

11. Sec., Twn, Rge, Mer. (NMPM)
I Sec. 14, T-28-N, R-6-W
API # 30-045-39-29447

14. Distance in Miles from Nearest Town
26.5 miles to PO in Blanco, NM

12. County
Rio Arriba NM

13. State

15. Distance from Proposed Location to Nearest Property or Lease Line
375'

16. Acres in Lease

17. Acres Assigned to Well
320-E/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1635'

19. Proposed Depth
7730

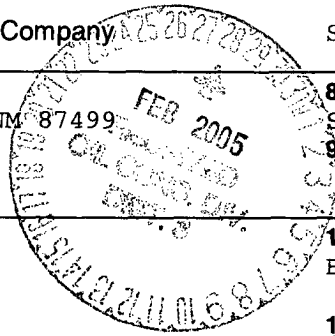
20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6414 GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Frances Bond Date 2-1-05
Regulatory Specialist



A

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE AEM DATE 2.25.05

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

NMOCD

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

DISTRICT I
1626 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
811 South First, Artesia, N.M. 88210

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

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

2005 FEB 2 AMENDED REPORT
PIT-1-53

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-29447		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin F Dakota
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 101M
*OGRD No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6414'

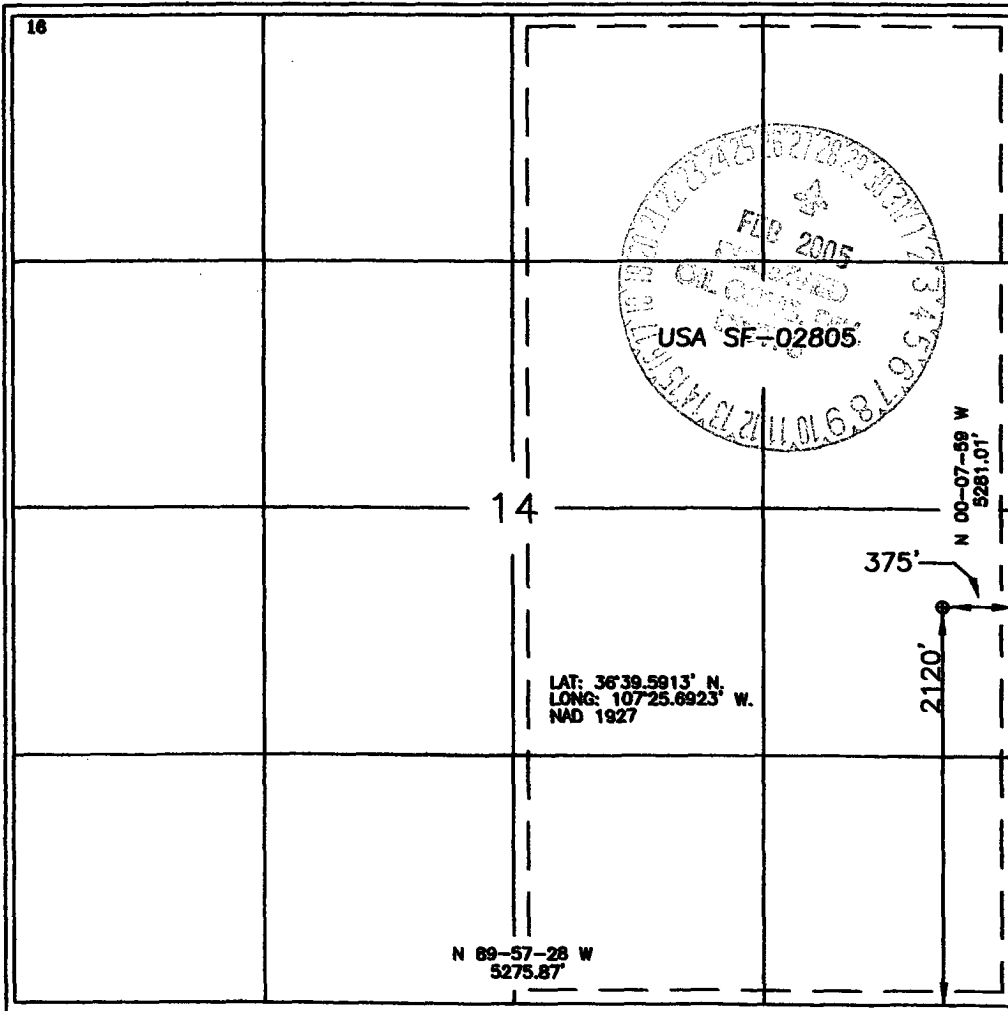
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	14	28-N	6-W		2120'	SOUTH	375'	EAST	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
*Dedicated Acres MV/DK-320-E/2			*Joint or Infill		*Consolidation Code		*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



¹⁷ OPERATOR CERTIFICATION

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

Frances Bond
Signature
Frances Bond
Printed Name
Regulatory Specialist
Title
12-30-04
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 11-27-04
Signature and Seal of Professional Surveyor

Certificate Number 15703

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
 May 27, 2004

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

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.)		WELL API NO. 30-039-
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	6. State Oil & Gas Lease No. SF--02805
2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY LP	7. Lease Name or Unit Agreement Name San Juan 28-6 Unit	8. Well Number 101M
3. Address of Operator 3401 E. 30TH STREET, FARMINGTON, NM 87402	9. OGRID Number 14538	10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota
4. Well Location Unit Letter <u>I</u> : <u>2120'</u> feet from the <u>South</u> line and <u>375'</u> feet from the <u>East</u> line Section <u>14</u> Township <u>28N</u> Range <u>6W</u> NMPM County <u>Rio Arriba</u>		11. Elevation (Show whether DR, RKB, RT, GR, etc.)
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type <u>New Drill</u> Depth to Groundwater <u>>100'</u> Distance from nearest fresh water well <u>>1000'</u> Distance from nearest surface water <u><1000'</u> Pit Liner Thickness: <u>na</u> mil Below-Grade Tank: <u>Volume</u> bbls; Construction Material		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER: <u>New Drill</u> <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>		ALTERING CASING P AND A <input type="checkbox"/>
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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 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 .

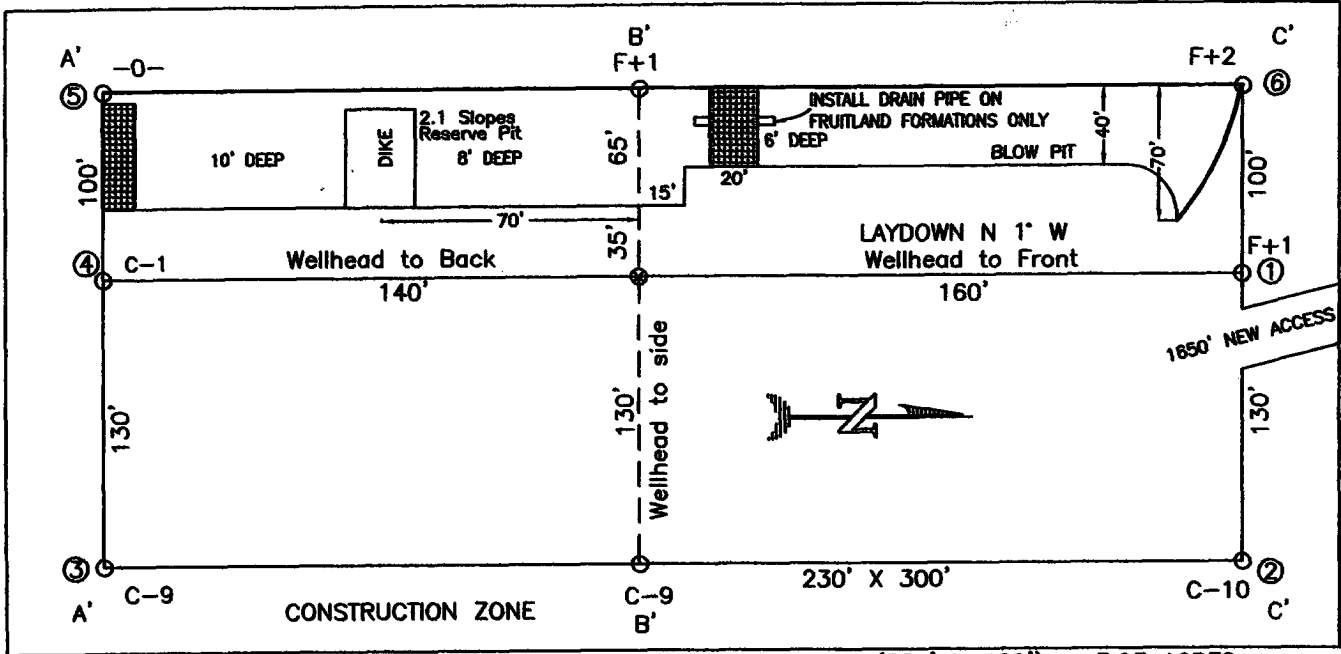
SIGNATURE Frances Bond TITLE Regulatory Specialist DATE 12/22/2004

Type or print name Frances Bond E-mail address: fbond@br-inc.com Telephone No. 505-326-9847

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #1 DATE FEB 28 2005

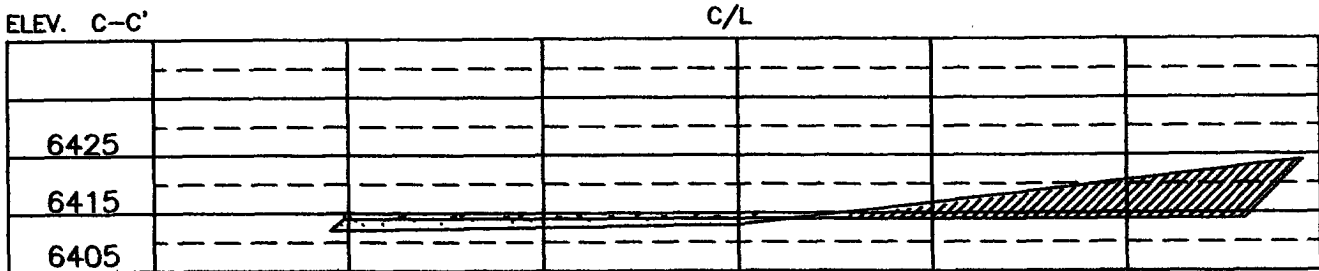
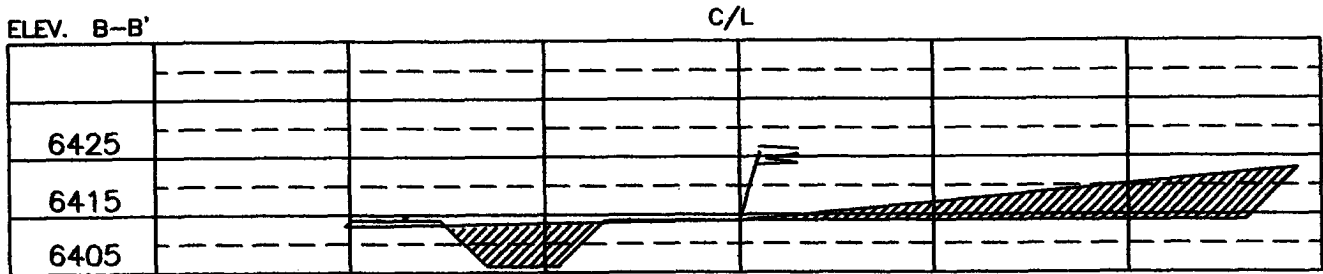
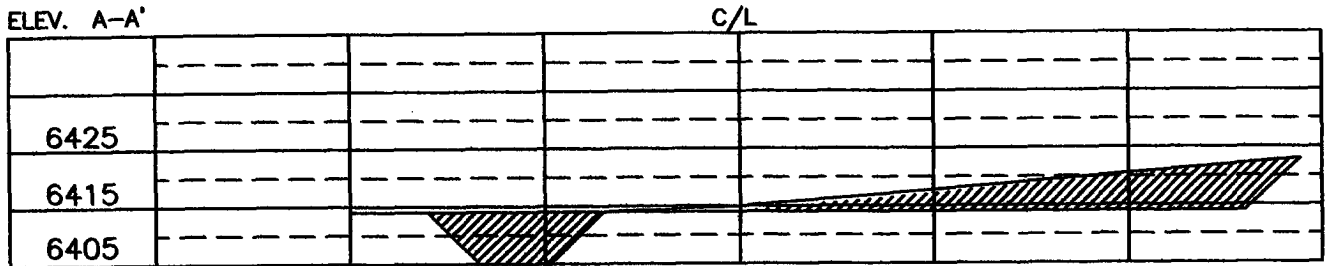
Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 28-6 UNIT #101M, 2120' FSL & 375' FEL
SECTION 14, T-28-N, R-6-W, NMPM, RIO ARRIBA COUNTY, NM
GROUND ELEVATION: 6414', DATE: NOVEMBER 11, 2004



(330' X 400') = 3.03 ACRES

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 #101M

Location: 2120' FSL, 375' FEL, Sec 14, T-28-N, R-6-W
Rio Arriba County, NM

Latitude 36° 39.5913'N, Longitude 107° 25.6923W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7730

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	²⁰⁰ Csg	Wt.	Grade	Cement	
12 1/4	0' -	120	9.625"	32.3#	H-40	113
8 3/4	0' -	3493	7"	20.0#	J-55	781
6 1/4	0' -	7730	4.5"	10.5	J-55	577

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

- * The Dakota and Mesaverde formations will be completed.
- * The east half of Section 14 is dedicated to the Dakota and Mesaverde formation in this well.
- * Gas is dedicated.

Quinn McCarthy
Drilling Engineer

12-28-04
Date

*Assumption
Lewis 100

MULTI-POINT SURFACE USE PLAN

San Juan 28-6 Unit #101M

- * Anticipated pipeline facilities as shown on the attached plat from Williams Field Services
- * 1650' of new road will be built.
- * Water supply from San Juan 28-6 Water Well located SW/4 Section 23, T-28-N, R-6-W, New Mexico
- * Surface ownership: Federal
- * Culverts: As Needed
- * Diversion Ditches: Install diversion ditch to north
- * Top Soil: 6 inches
- * Slopes: 3 to 1
- * Paint Green
- * Line Pit
- * Archaeological Resources: See Archaeological Survey technical report #WAS 0425 from Western Archeological Services.

Frances Bond

Regulatory Specialist

12-30-04

Date