

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2005 FEB 2 11:11 AM
RECEIVED
070 FARMINGTON NM

1a. Type of Work
DRILL

5. Lease Number
SF-079521-A
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 28-5 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
58N

4. Location of Well
390' FSL, 2285' FEL
Latitude 36° 37.5651'N, Longitude 107° 23.9235'W

10. Field, Pool, Wildcat
Blanco MV/Basin Dk

11. Sec., Twn, Rge, Mer. (NMPM)
Sec. 30, T-28-N, R-5-W
API # 30-048-39-29437

14. Distance in Miles from Nearest Town
32.7 Miles to PO in Blanco NM

12. County
Rio Arriba

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
390'

16. Acres in Lease

17. Acres Assigned to Well
320

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1776'

19. Proposed Depth
7816'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6565 GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Francesca Bond
Regulatory Specialist

10-25-04
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY Maureen Townsend

TITLE Acting AFM

DATE 7/20/05

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

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

NMOCB

DISTRICT I
1625 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
611 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 PM 4 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039 29437	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde Basin Dakota NM
⁴ Property Code 7460	⁵ Property Name SAN JUAN 28-5 UNIT	⁶ Well Number 5841 N
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6565'

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
0	30	28-N	5-W		390'	SOUTH	2285'	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
¹² Dedicated Acres DK-320 - S/2 MV-320 - S/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

<div>16</div> <p>30</p> <p>USA SF-079472</p> <p>USA SF-079521-A</p> <p>390'</p> <p>2285'</p> <p>S 89-59-46 W</p> <p>2638.15'</p>	<div>17 OPERATOR CERTIFICATION</div> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Frances Bond</u></p> <p>Signature</p> <p>Frances Bond</p> <p>Printed Name</p> <p>Regulatory Specialist</p> <p>Title</p> <p>10-25-04</p> <p>Date</p>
	<div>18 SURVEYOR CERTIFICATION</div> <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>Date of Survey <u>10-25-04</u></p> <p>Signature <u>Calvin W. Russell</u></p> <p>Signature and Seal of Professional Surveyor</p> <p>15703</p> <p>Certificate Number</p> <p>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 DIVISION1220 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.)

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 O : 390 feet from the South line and 2285 feet from the East line
Section 30 Township 28N Range 5W 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 >100' Distance from nearest fresh water well >1000' Distance from nearest surface water >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 ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐
MULTIPLE COMPL ☐

OTHER:

New Drill pit

☒**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.

Burlington Resources proposes to construct a new drilling pit and an associated blow/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and blow/flare pit will be an unlined 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 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 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

11/22/2004

Type or print name
For State Use Only

Frances Bond

E-mail address:

fbond@br-inc.com

Telephone No.

505-326-9847

APPROVED BY

TITLE

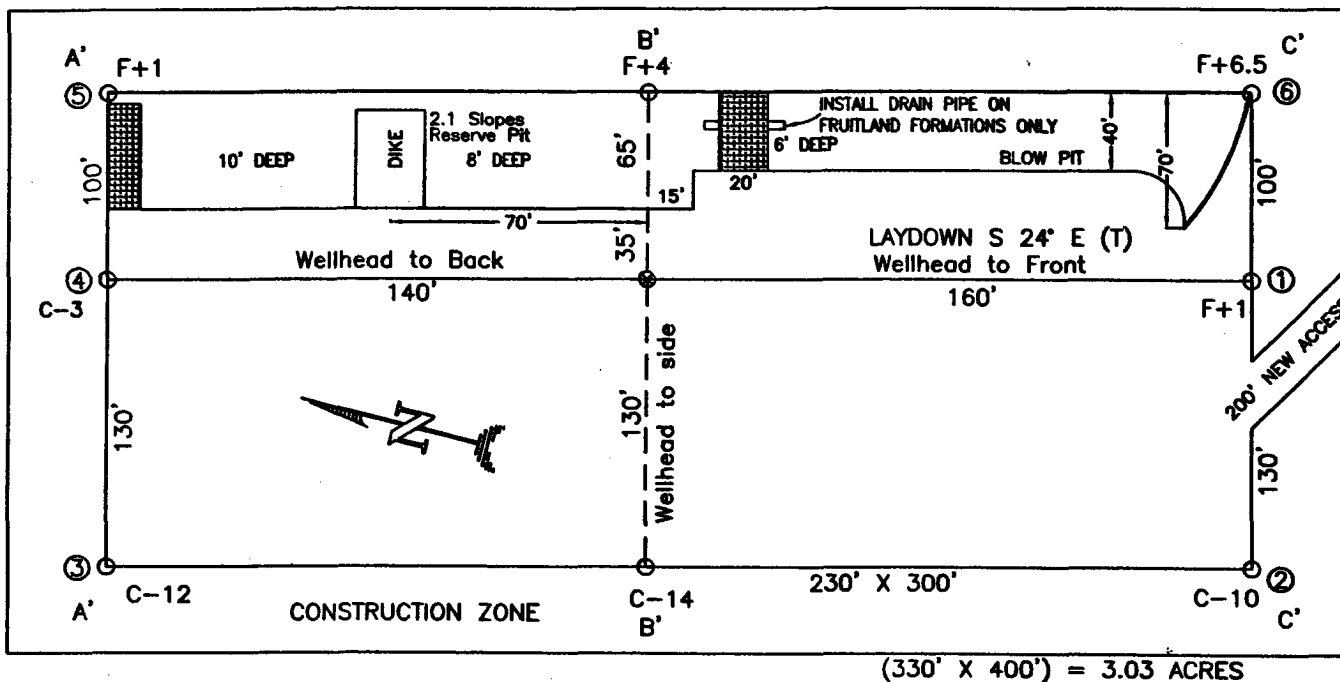
DEPUTY OIL & GAS INSPECTOR, DIST. 30

DATE

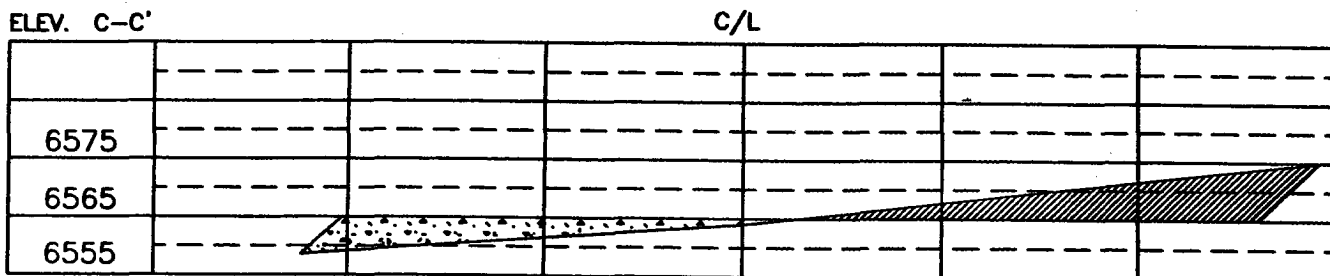
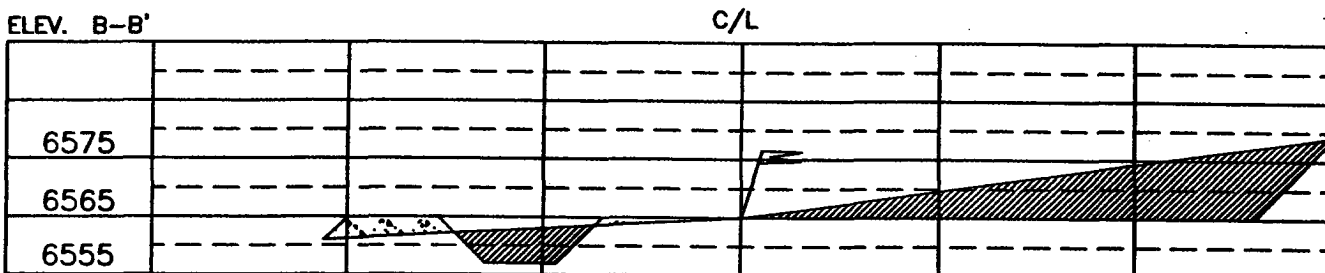
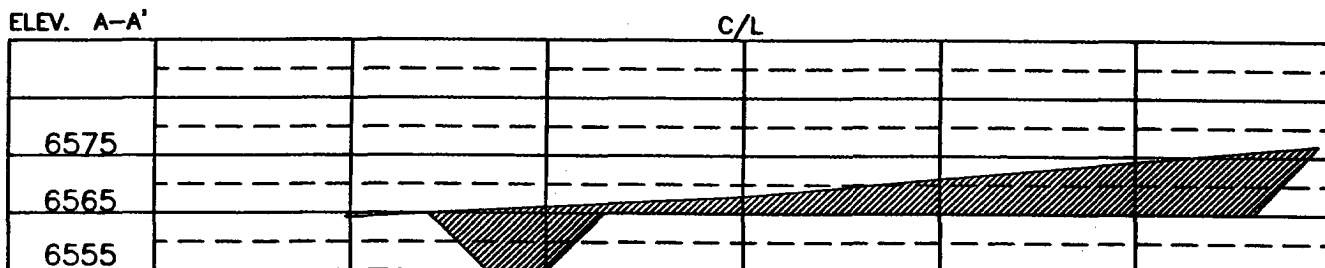
JUL 22 2005

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 28-5 UNIT #58E-N390' FSL & 2285' FEL
SECTION 30, T-28-N, R-5-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6565', 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 28-5 Unit #58N

Location: 390' FSL, 2285' FEL, Sec 30, T-28-N, R-5-W
Rio Arriba County, NM

Latitude 36° 37.5651'N, Longitude 107° 23.9235'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7816

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

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

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

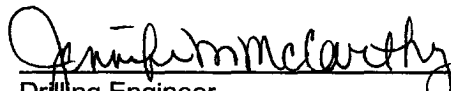
Hole Size	Depth Interval	Csg	Wt.	Grade	Cement		
12 1/4	0' -	120	9.625"	32.3#	H-40	113	cu.ft
8 3/4	0' -	3567	7"*	20.0#	J-55	798	cu.ft
6 1/4	0' -	7816	4.5" **	10.5#	J-55	578	cu.ft

* Note - Will use 7", 23#, L-80 7" casing from 4000' to intermediate TD

** Note - Will use 4.5# 11.6#, N-80 casing from 7800' to TD

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

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The south half of section 30 is dedicated to the Mesaverde and the Dakota formation in this well.
Gas is dedicated.


Drilling Engineer

2-14-05
Date

*Assumption

Lewis 100