

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NMSF079392 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 27-5 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name
	9. Well Number 139N
4. Location of Well Unit F (SENW), 1750' FNL & 2160' FWL Latitude 36° 33.6742'N, Longitude 107° 22.9855'W	10. Field, Pool, Wildcat Basin Dakota & Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) F Sec. 20, T27N, R5W API # 30-039-29353
14. Distance in Miles from Nearest Town Goberndaor - 12 miles	12. County Rio Arriba ✓
	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line	
16. Acres in Lease This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4	17. Acres Assigned to Well MV & DK both 320 acres W/2
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1120' - MV/DK well - SJ 27-5 Unit #139M	
19. Proposed Depth 7769'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6580' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".
24. Authorized by: <u>Patsy Olguin</u> Regulatory/Compliance Specialist	Date <u>11/29/04</u>

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY Thayne Townsend

TITLE Acting AFM

DATE 3-7-05

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.

NMOC

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-29353	*Pool Code 71599 / 72319	*Pool Name Basin Dakota / Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT	*Well Number 139N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	*Elevation 6580'

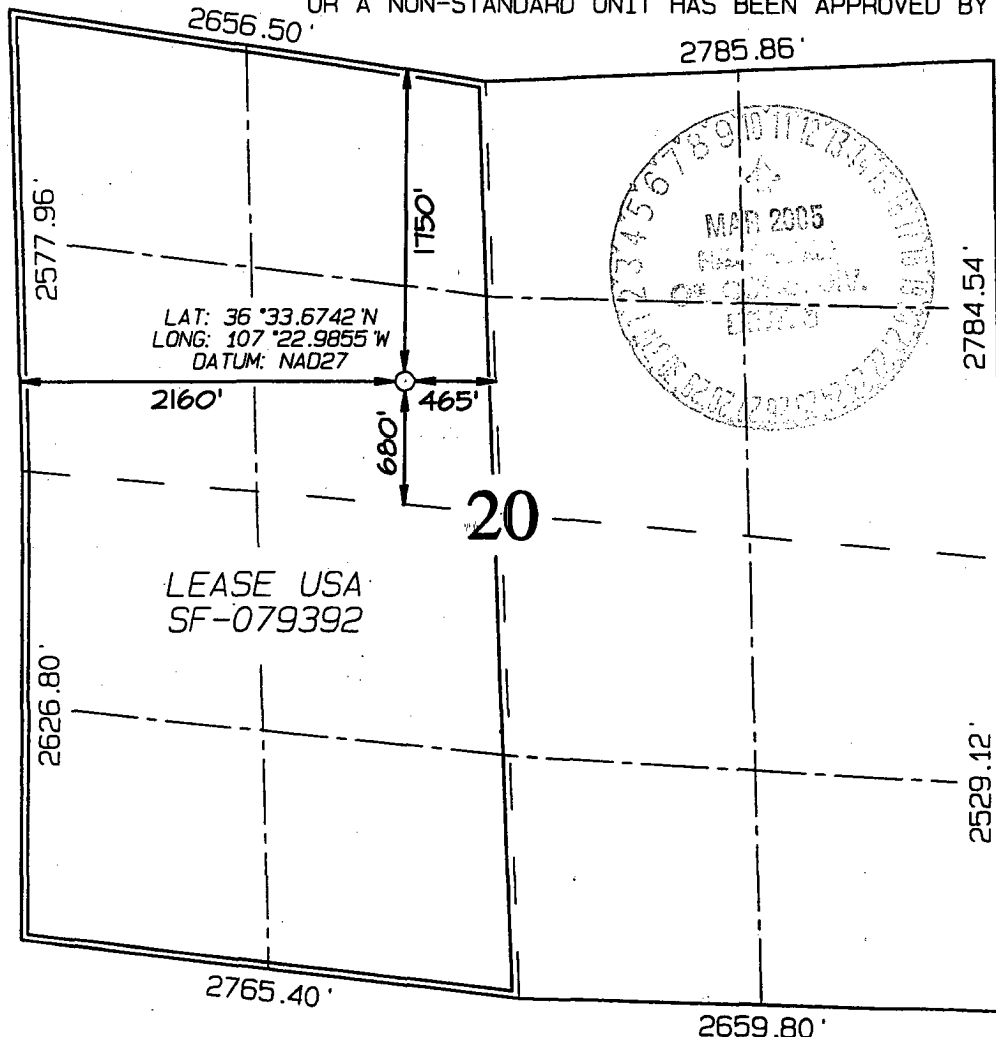
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	20	27N	5W		1750	NORTH	2160	WEST	RIO ARRIBA

¹¹Bottom Hole Location If Different From Surface[illegible]

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
MV & DK 320 W/2			

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.

Signature Patsy Chung

Patsy Clugston
Printed Name
Sr. Regulatory Specialist
Title

8/10/04

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.

Date of Survey: JUNE 16, 2004

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

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 & Gas Lease No.

Federal - NMSF-079392

7. Lease Name or Unit Agreement Name

San Juan 27-5 Unit

8. Well Number

#139N

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 F : 1750 feet from the North line and 2160 feet from the West line
Section 20 Township 27N Range 5W NMPM County Rio Arriba

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

6580' 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:

n/a

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 ☐

SUBSEQUENT REPORT OF:

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

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, Unlined:

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

TITLE

Sr. Regulatory Specialists

DATE

11/29/2004

Type or print name

Patsy Clugston

E-mail address:

pclugston@br-inc.com

Telephone No.

505-326-9518

For State Use Only

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #8

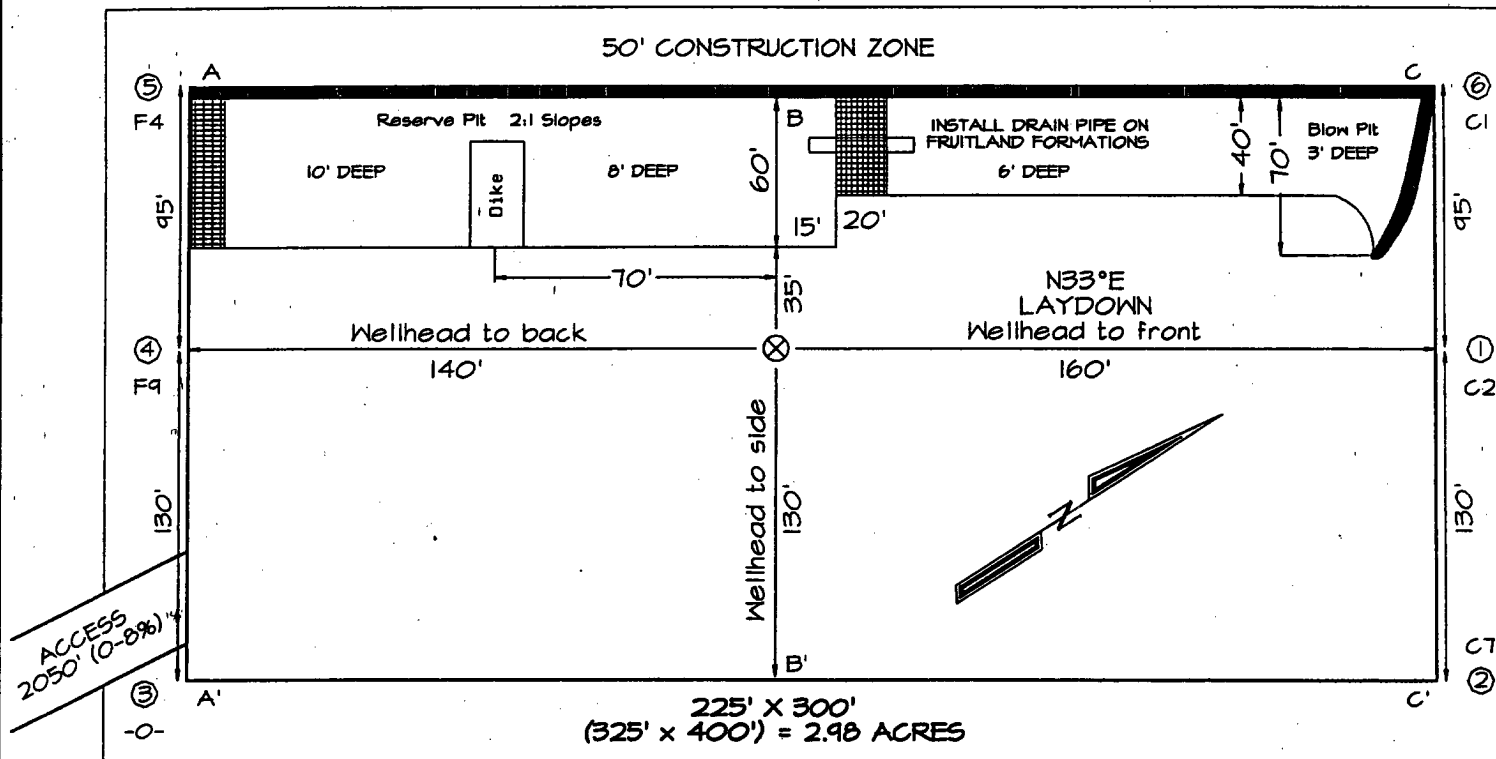
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MAR 10 2005

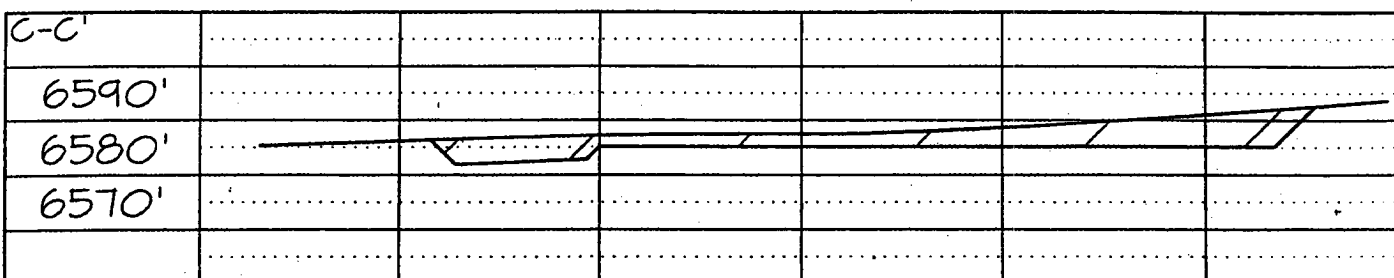
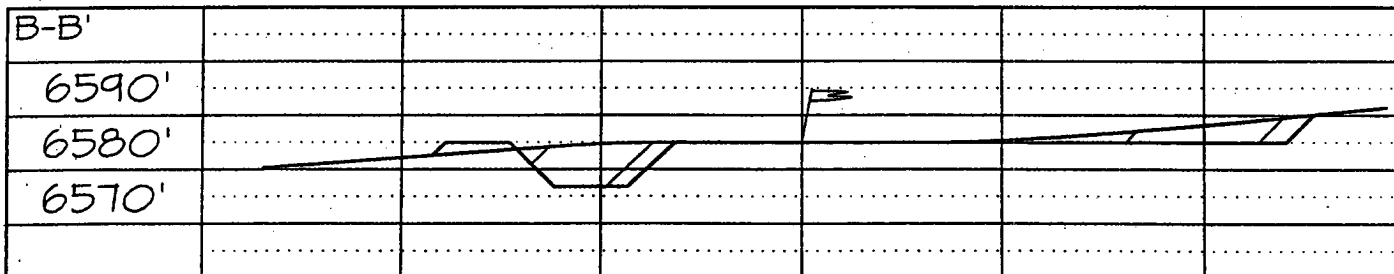
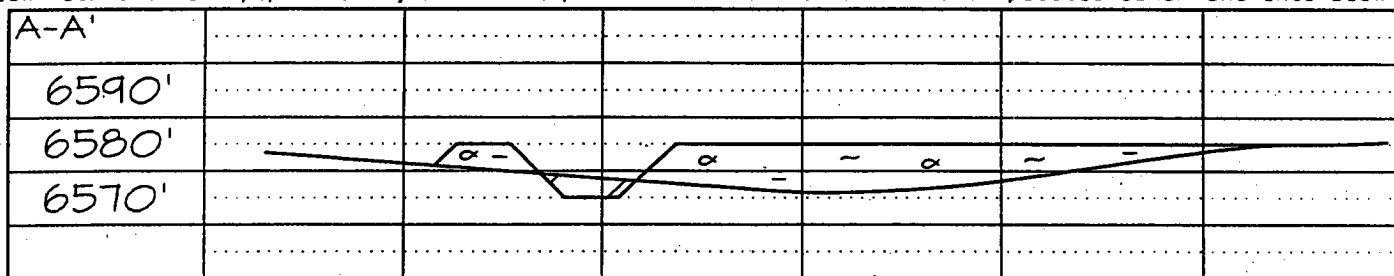
Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY, LP
 SAN JUAN 27-5 UNIT #139N, 1750' FNL & 2160' FWL
 SECTION 20, T27N, R5W, NMPM, RIO ARriba COUNTY, NM
 GROUND ELEVATION: 6580' DATE: JUNE 16, 2004

LATITUDE: 36°33'40"
 LONGITUDE: 107°22'59"
 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 27-5 Unit #139N

Location: Unit F (SENW), 1750' FNL & 2160' FWL, Sec. 20, T27N, R5W
Rio Arriba County, NM

Latitude 36° 33.6742' N, Longitude 107° 22.9855' W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7769'

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' - 3539	7"	20.0#	J-55	792	cu.ft
6 1/4	0' - 7769	4.5"	10.5#	J-55	576	cu.ft

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

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The east half of Section 6 is dedicated to the Mesaverde and the N/2 of Section 6 is dedicated to the Dakota formation in this well.
- * Gas is dedicated.

Sean Louija
Drilling Engineer

September 30, 2004
Date

*Assumption

Lewis 100

MULTI-POINT SURFACE USE PLAN

San Juan 27-5 Unit #139N

- * Anticipated pipeline facilities as shown on the attached plat from Williams Field Service
- * 2050' of new road will be built.
- * Water supply from the Candelaria Water Hole located SE/4 Section 29, T-27-N, R-5-W New Mexico.
- * Surface ownership: Juan Montano (surface agreement attached)
- * Special Stips:
 - Place culvert @ low spot at the entrance
 - diversion ditch above cut slope
 - Round corner #3
 - Stock pile top 6" of soil to be use for surface rehab
- * Archaeological Resources: See Archaeological Survey technical report #No. 2004-74 from Aztec Archaeological Consultants.