

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 NMS#079363 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe 070 FARMINGTON, NM	
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	
4. Location of Well Unit H (SENE), 1735' FNL & 660' FEL Latitude 36° 35.4745' N Longitude 107° 24.6713' W	9. Well Number #161N 10. Field, Pool, Wildcat Basin Dakota & Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 12, T27N, R6W API # 30-039- 29328	
14. Distance in Miles from Nearest Town Gobernador - 10 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 & MV - 320 E/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease		
19. Proposed Depth 7788'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6564' GL	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Patsy Cluzh</u> Regulatory/Compliance Specialist	<u>10-20-04</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Montano

TITLE AFM

DATE 11/8/04

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".

NMOCD

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039 29328		*Pool Code 71599/72319	*Pool Name Basin Dakota/Blanco Mesaverde
*Property Code 7462	*Property Name SAN JUAN 28-6 UNIT		*Well Number 161N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6564'

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
H	12	27N	6W		1735	NORTH	660	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 E/2-320 MV E/2-320					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><p>¹⁶</p><p>5211.36'</p><p>1735'</p><p>LAT: 36°35.4745' N LONG: 107°24.6713' W DATUM: NAD27</p><p>660'</p><p>5223.90'</p><p>5263.50'</p><p>12</p><p>LEASE USA SF-079363</p><p>5274.06'</p></div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Patsy Clugston</i></p> <p>Signature</p> <p>Patsy Clugston</p> <p>Printed Name</p> <p>Sr. Regulatory Specialist</p> <p>Title</p> <p>August 26, 2004</p> <p>Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <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: JULY 19, 2004</p> <p>Signature and Seal of Professional Surveyor</p> <div><p>JASON C. EDWARDS</p><p>Certificate Number 15269</p></div>

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.	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. Federal Lease - NMSF079363	
7. Lease Name or Unit Agreement Name San Juan 28-6 Unit	
8. Well Number #161N	
9. OGRID Number 14538	
10. Pool name or Wildcat Basin DK & Blanco Mesaverde	

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 H : 1735 feet from the North line and 660 feet from the East line
Section 12 Township 27N Range 6W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6564' 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 ☐

OTHER: New Drill Pit ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/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 an unlined pit as detailed in Burlington's general pit plan dated April 26, 2004 on file at the NMOCDD office. Burlington Resources anticipates closing the pit according to the general pit dated August 2, 2004 on file at the NMOCDD Office in Aztec.

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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Patsy Clugston TITLE Sr. Regulatory Specialist DATE 8/26/2004

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

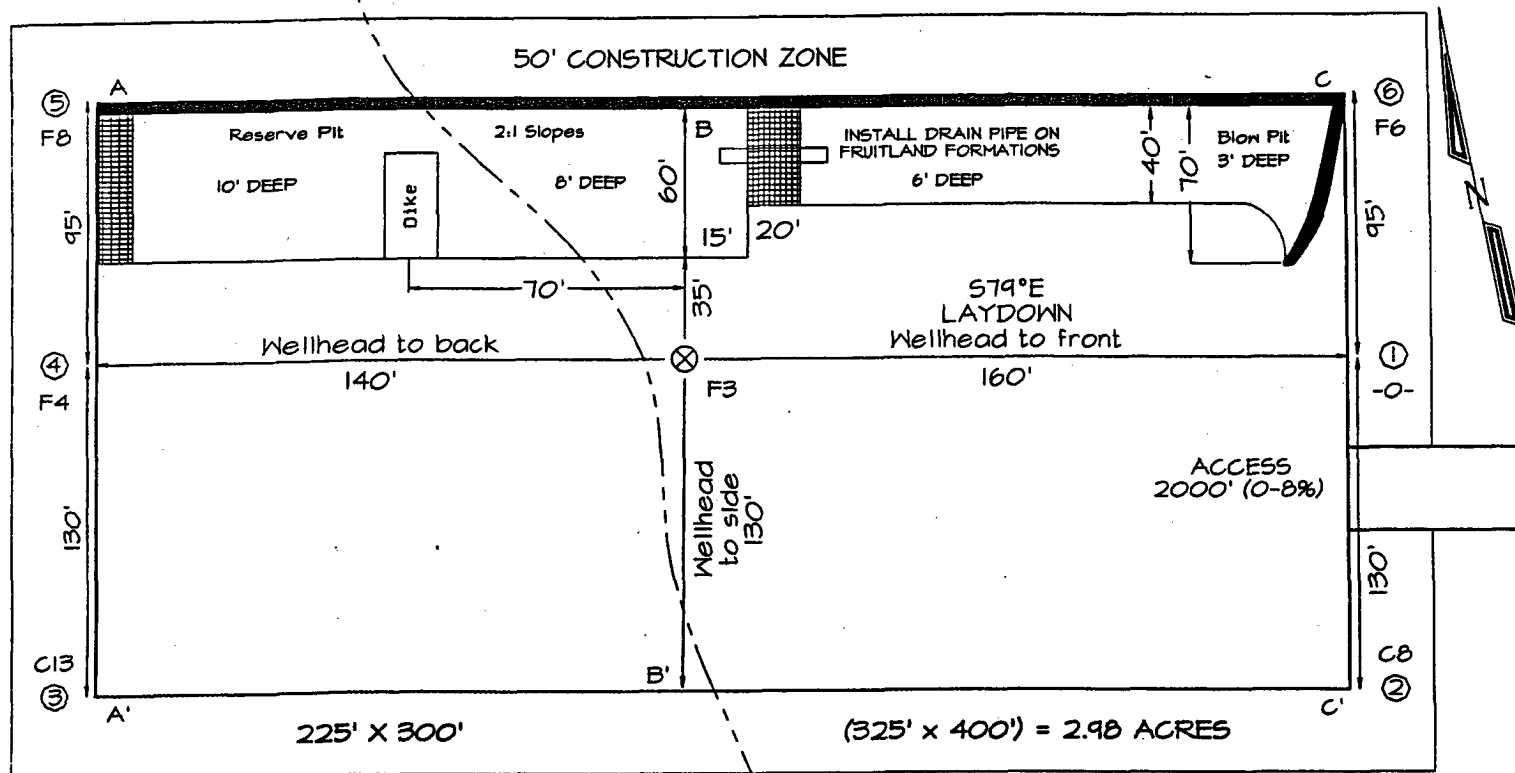
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 88 DATE NOV 15 2005

Conditions of Approval (if any):

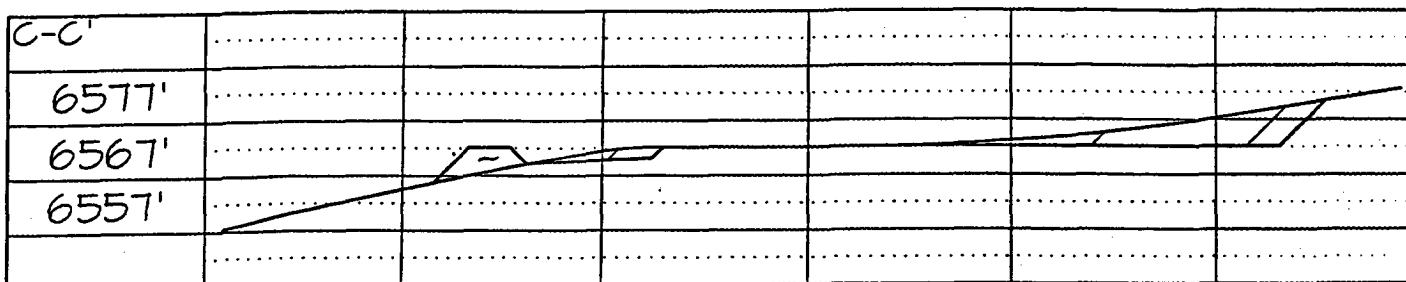
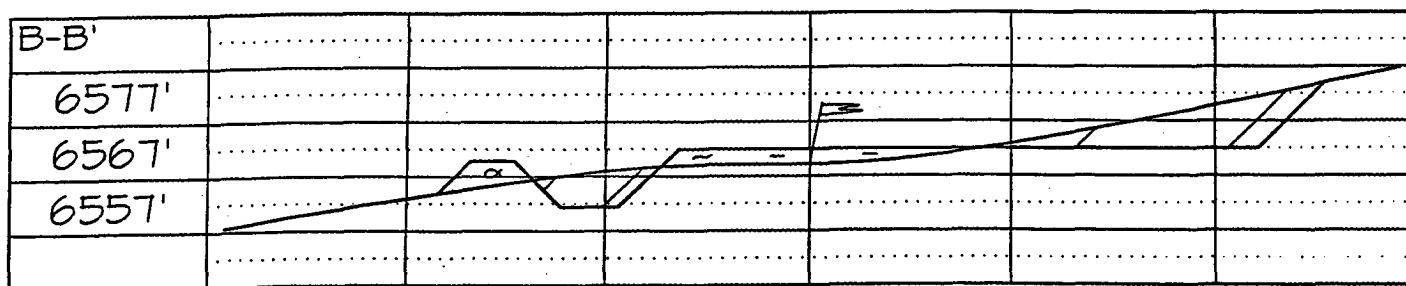
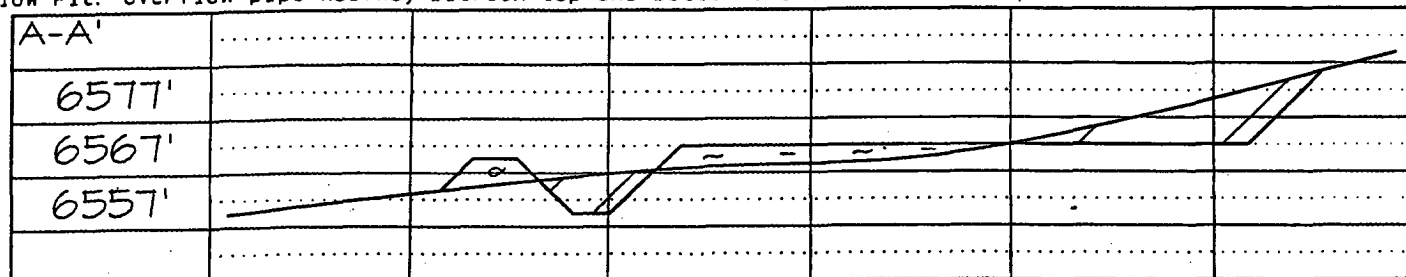
PLAT #

SAN JUAN 28-6 UNIT #161N, 1735' FNL & 660' FBL
SECTION 12, T27N, R6W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6564' DATE: JULY 19, 2004

LATITUDE: 36°35'28"
LONGITUDE: 107°24'40"
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 28-6 Unit #161N

Location: Unit H (SENE), 1735' FNL & 660' FEL, Section 12, T27N, R6W
Rio Arriba County, NM

Latitude 36° 35.4745' N, Longitude 107° 24.6713' W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7788'

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' - 3571	7"	20.0#	J-55	799	cu.ft
6 1/4	0' - 7788	4.5"	10.5#	J-55	574	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 12 is dedicated to the Mesaverde and Dakota formations in this well.
- * Gas is dedicated.

Sean Corrigan
Drilling Engineer

October 12, 2004
Date

*Assumption

Lewis 100

MULTI-POINT SURFACE USE PLAN

San Juan 28-6 Unit #161N

- * Anticipated pipeline facilities as shown on the attached plat from Williams Field Service.
- * Approx. 2000' of new access road is required.
- * Water supply from the San Juan 27-5 Water Well #1 located NE/4 Section 3, T-27-N, R-5-W, New Mexico
- * Surface ownership: Bureau of Land Management
- * Culverts: Low Spot on Access and at entrance
- * Diversion [South above east
- * Rounded Corners: Round #3
- * Top Soil: 6" Rehab
- * Trees/Firewood: Yes, greater than 6" for firewood
- * Slopes: 3 to 1
- * 2000' silt traps upstream of all culvert locations
- * Archeological Resources: See Archaeological Survey technical report # AAC-04-107 from Aztec Archaeological Consultants, LLC

Frances Bond
Regulatory Specialist

10-20-04
Date