

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

1a. Type of Work DRILL	5. Lease Number SF-079391	204 MAY 13 PM 2:47
1b. Type of Well GAS	Unit Reporting Number MV-8910010510 DK-891001051B	Farmington, NM
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 San Juan 27-5 Unit	
	9. Well Number #86N	
4. Location of Well 2290' FSL, 410' FWL Latitude 36° 35.2322'N, Longitude 107° 22.2587'W	10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota	
	11. Sec., Twn, Rge, Mer. (NMPM) L Sec. 9, T27N, R05W API # 30-039-27737	
14. Distance in Miles from Nearest Town 10 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 410'		
16. Acres in Lease	17. Acres Assigned to Well 320 W/2 - MV 320 S/2 - DK	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1100'		
19. Proposed Depth 7992'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6752' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Joni Clark</u> Regulatory Specialist	<u>2/25/04</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY D. Monticue

TITLE AFM

DATE 6-7-04

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.

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

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 27737		*Pool Code 71599/72319	*Pool Name Basin Dakota/Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT		*Well Number 86N
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6752'

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
L	9	27N	5W		2290	SOUTH	410	WEST	RIO ARRIBA

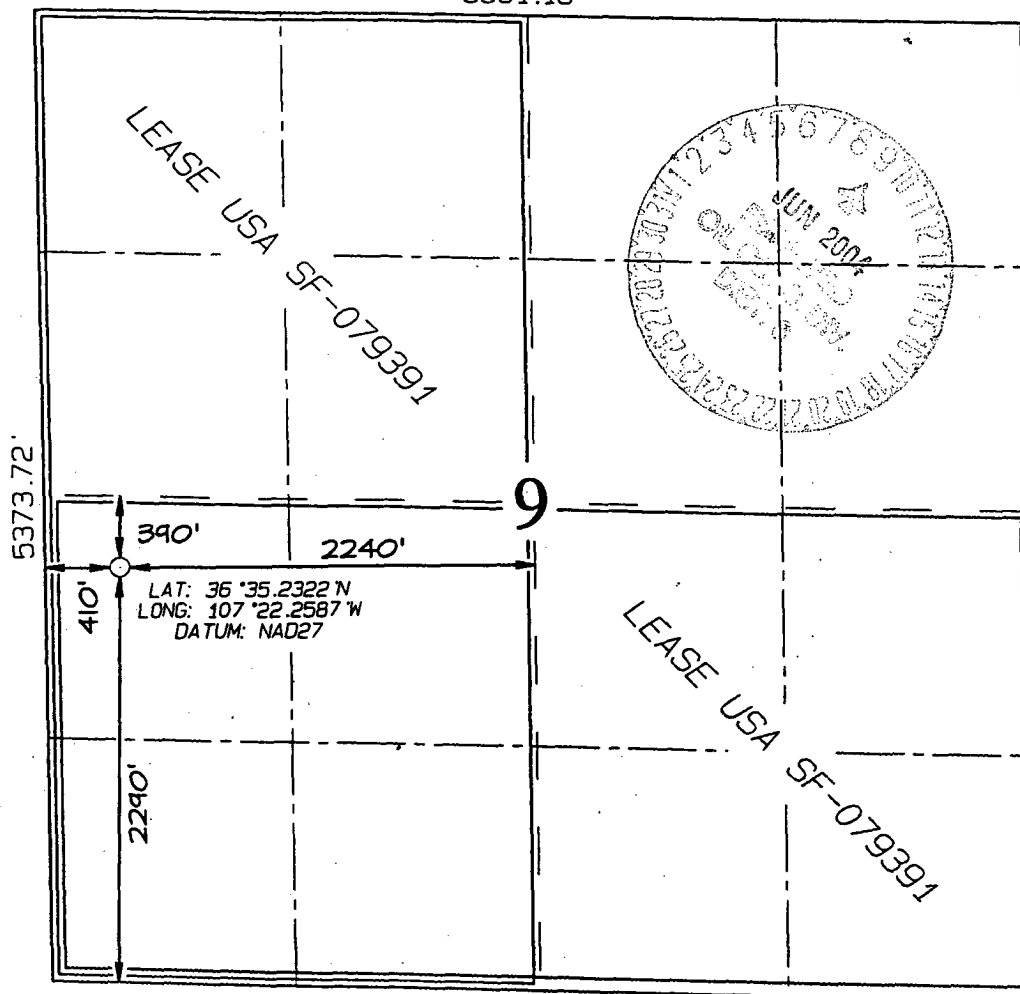
¹¹Bottom Hole Location If Different From Surface

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	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
DK S2/320 MV W2/320			

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

5361.18'



17 OPERATOR CERTIFICATION

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

Joni Clark
Signature

Signature _____

Joni Clark

Printed Name _____

Regulatory Specialist

Title _____

1-30-04

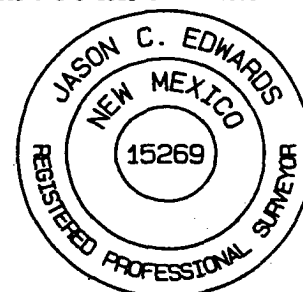
Date _____

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.

Survey Date: OCTOBER 23, 2003

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #86N
Location: 2290' FSL, 410' FWL, Sec 9, T-27-N, R-5-W
Rio Arriba County, NM
Latitude 36° 35.2322'N, Longitude 107° 22.2587'W
Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7992'

Logging Program: See San Juan 27-5 Unit Master Operations Plan

Mud Program: See San Juan 27-5 Unit Master Operations Plan

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

Hole Size	Depth Interval	Csg. Size	Wt.	Grade	Cement
12 1/4"	0' - 120'	9 5/8"	32.3#	H-40	113 cu.ft.
8 3/4"	0' - 3759'	7"	20.0#	J-55	841 cu.ft.
6 1/4"	0' - 7800'	4 1/2"	10.5#	J-55	576 cu.ft.
6 1/4"	7800' - 7992'	4 1/2"	11.6#	N-80	

Tubing Program: See San Juan 27-5 Unit Master Operations Plan

- The Mesaverde and Dakota formations will be completed and commingled.
- The west half of Section 9 is dedicated to the Mesaverde and the south half of the Dakota formation in this well.
- Gas is dedicated.

Sean Conigan
Drilling Engineer

February 25, 2004
Date

MULTI-POINT SURFACE USE PLAN

San Juan 27-5 Unit #86N

See San Juan 27-5 Unit Master Multi-point Surface Use Plan

- Anticipated pipeline facilities as shown on the attached plat from Williams Field Services.
- Approximately 850' of new road will be built.
- 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
- Line pits
- Stockpile top soil
- Build a diversion ditch below cut slope draining to north
- Maintain diversion for life of well
- Round corners #5 and #6
- Build long and narrow pits
- Archaeological Resources: See Archaeological Survey technical report #2566 from Arboles Contract Archaeology.

Nancy Olthoff
Senior Staff Specialist

5-17-04
Date

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
March 4, 2004

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.

7. Lease Name or Unit Agreement Name
San Juan 27-5 Unit

8. Well Number
86N

9. OGRID Number
14538

10. Pool name or Wildcat
Blanco Mesaverde/Basin Dakota

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 L : 2290 feet from the South line and 410 feet from the West line

Section 9 Township 27N Range 5W NMPM Rio Arriba County, NM

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

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL L Sect 9 Twp 27N Rng 5W Pit type New Depth to Groundwater >100' Distance from nearest fresh water
well >1000' Distance from nearest surface water >1000' Below-grade Tank Location UL Sect Twp Rng ;
 feet from the line and feet from the line

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
COMPLETION ☐

OTHER: New Drill Pit ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND
ABANDONMENT ☐

CASING TEST AND
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 construction plan dated April 26, 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 Cassady Harraden TITLE Regulatory Specialist DATE 5/10/04

Type or print name Cassady Harraden E-mail address: charraden@br-inc.com Telephone No. 326-9700

(This space for State use)

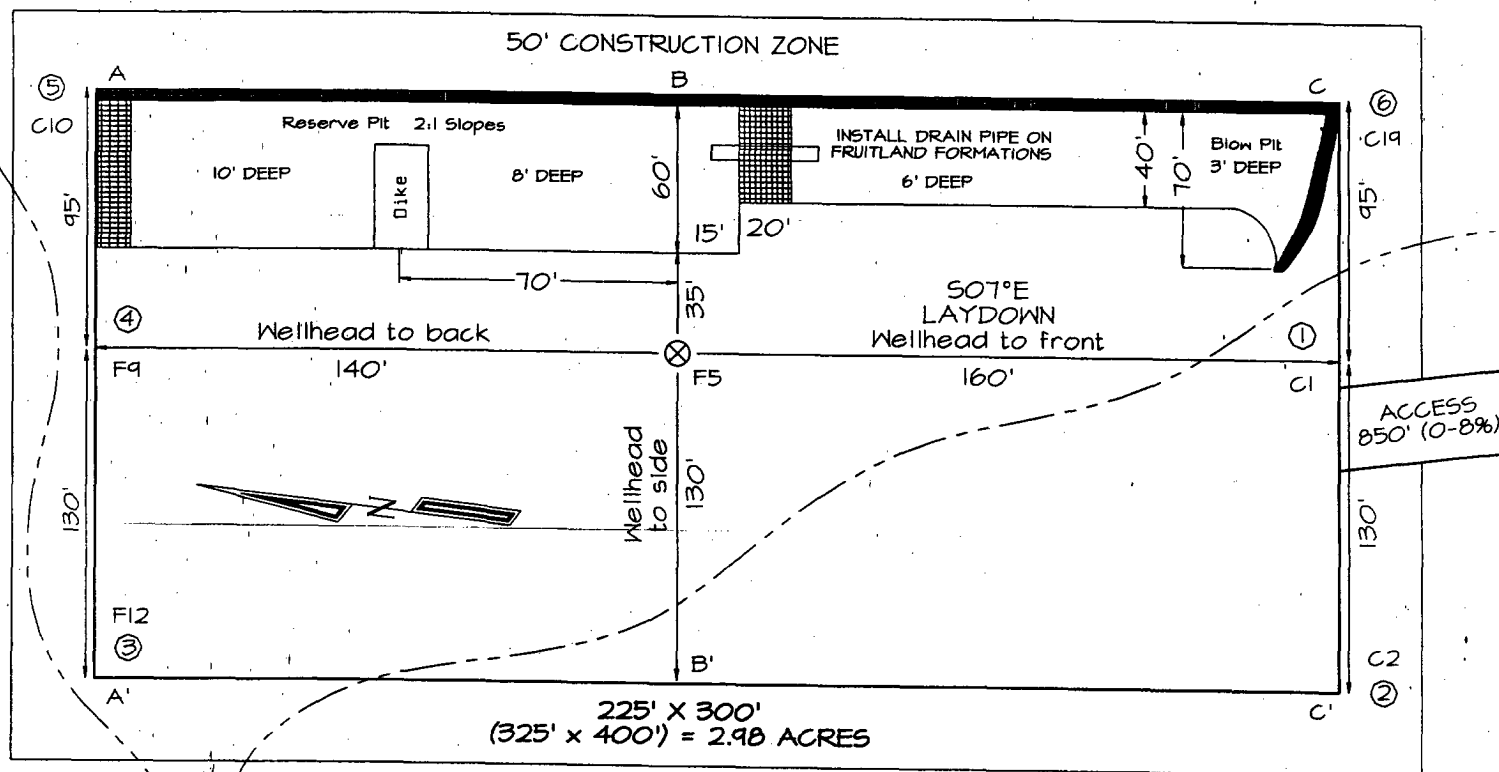
APPROVED BY TITLE DATE

Conditions of approval, if any:

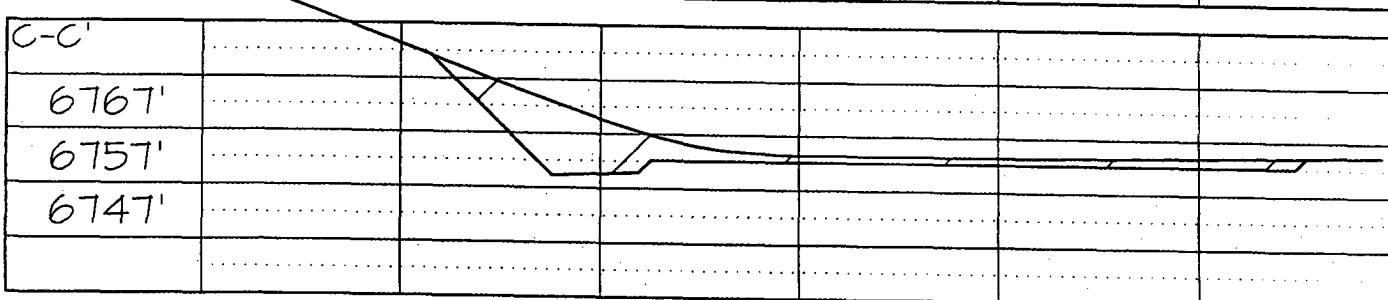
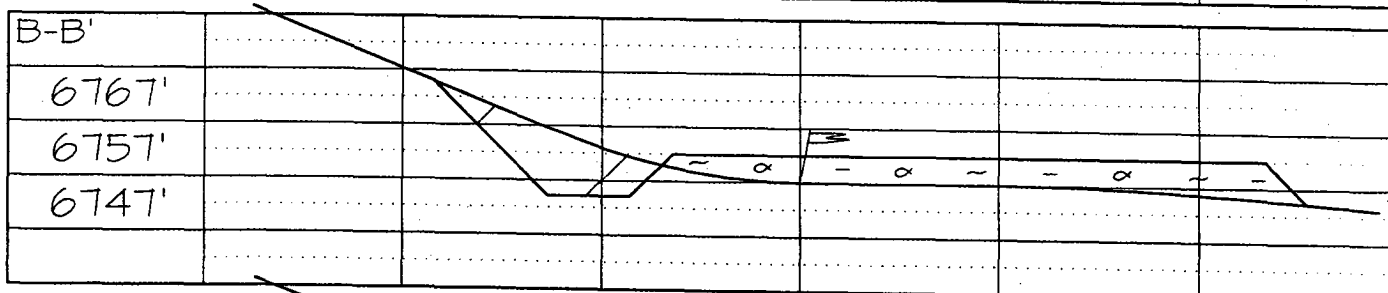
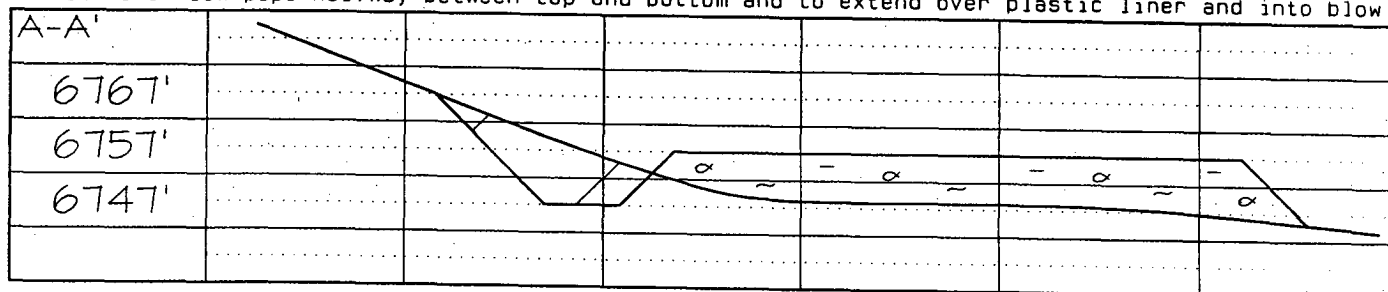
PLAT #

BURLINGTON RESOURCES OIL & GAS COMPANY, LP
 SAN JUAN 27-5 UNIT #86N, 2290' FSL & 410' FWL
 SECTION 9, T27N, R5W, NMPM, RIO ARriba COUNTY, NM
 GROUND ELEVATION: 6752' DATE: OCTOBER 23, 2003

LATITUDE: 36°35'14"
 LONGITUDE: 107°22'16"
 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