

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	7005 OCT 25 PM 5 02 RECEIVED 070 BLM/AT	5. Lease Number SF-079492-B Unit Reporting Number MV-8910010510 NMNM-078409B DK-891001051B NMNM-078409A
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON</b> 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 #116N ✓
4. Location of Well 855' FNL, 745' FWL Latitude 36° 33.8193'N, Longitude 107° 18.9313'W		10. Field, Pool, Wildcat Blanco Mesaverde/Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 24, T27N, R05W API # 30-039-29685
14. Distance in Miles from Nearest Town 14 miles to Gobernador		12. County Rio Arriba 13. State NM ✓
15. Distance from Proposed Location to Nearest Property or Lease Line 745'		
16. Acres in Lease		17. Acres Assigned to Well 320 W/2 - MV 320 N/2 - DK
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1500'		
19. Proposed Depth 7773'		20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6556' GR		22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <i>Joni Clark</i> Regulatory Specialist	DEC 2005 RECEIVED BLM CONS. DIV. DIST. 3	10/25/05 Date

PERMIT NO.

APPROVAL DATE

APPROVED BY *D. Montez*

TITLE *AFM*

DATE *11/1/05*

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.

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

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4

OPERATOR



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

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

RECEIVED  
OIL CONSERVATION DIVISION

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039- 29685		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT		*Well Number 116N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 6556'

<sup>10</sup> Surface Location

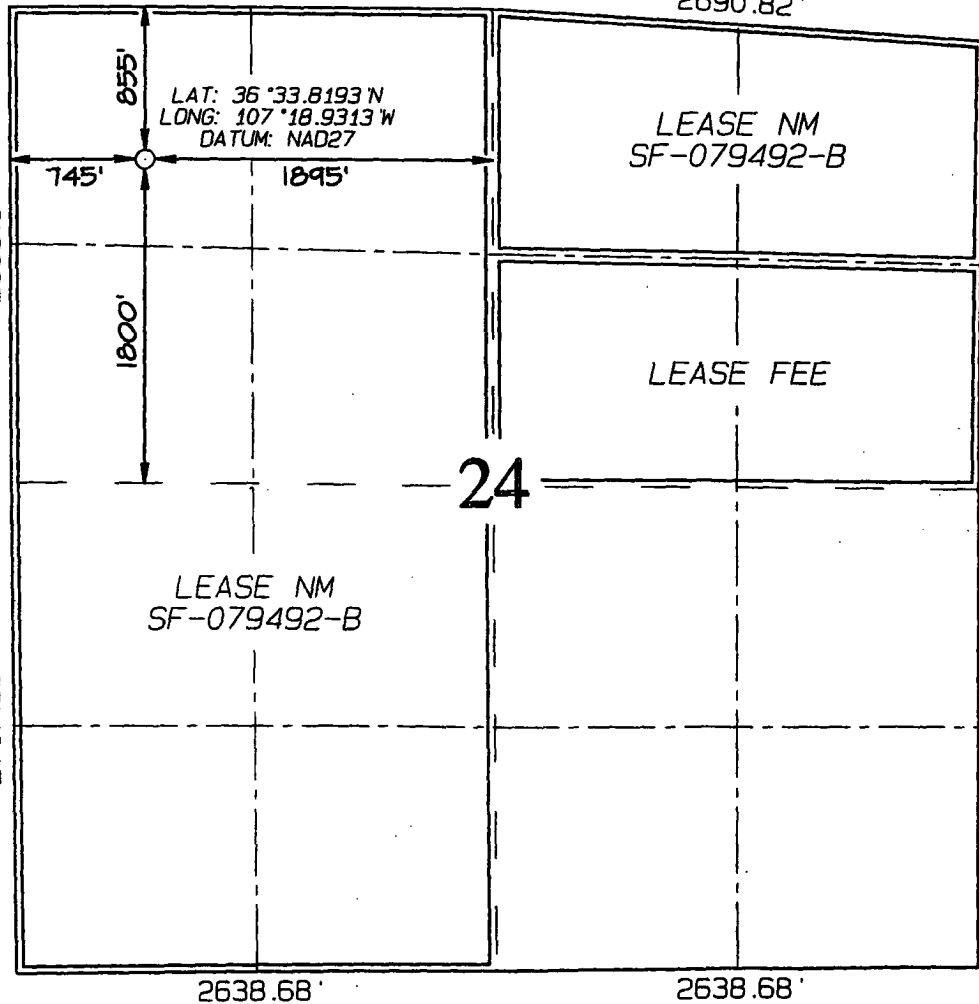
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	27N	5W		855	NORTH	745	WEST	RIO ARriba

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres DK-320 N/2 MV 320 W/2					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

2647.92' 2690.82'



<sup>17</sup> 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

May 19, 2005

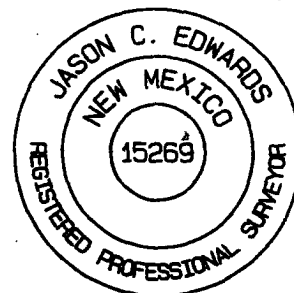
Date

<sup>18</sup> 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: APRIL 12, 2005

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*

Certificate Number 15269



## OPERATIONS PLAN

**Well Name:** San Juan 27-5 Unit #116N

**Location:** 855' FNL, 745' FWL, Sec 24, T-27-N, R-5-W  
Rio Arriba County, NM

Latitude 36° 33.8193' N, Longitude 107° 18.9313' W

**Formation:** Blanco Mesaverde/Basin Dakota

**Total Depth:** 7773

**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	Wt.	Grade	Cement	
12 1/4	0' -	120	9.625"	32.3#	H-40	113 cu.ft
8 3/4	0' -	3621	7"	20.0#	J-55	810 cu.ft
6 1/4	3521'	7773	4.5"	10.5	N-80	565 cu.ft

188  
J-55

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

- \* The Mesaverde and Dakota formations will be completed and commingled.
- \* The north half of Section 24 is dedicated to the Dakota formation and the west half of Section 24 is dedicated to the Mesaverde formation in this well.
- \* Gas is dedicated.

Drilling Engineer

Date

6/23/05

\*Assumption

Lewis 100



**EFFECTIVE: JUNE 1, 2005**

**Blow-out Preventor Equipment (BOPE) tests must be performed using an appropriately sized test plug. The BOPE test must be performed and recorded using a test pump, calibrated test gauges and a properly calibrated strip or chart recorder. The test must be recorded in the driller's log and will include a low pressure test requirement of 250 psig held for five minutes and a high pressure test requirement held for ten minutes as described in Onshore Order No. 2 or otherwise authorized in the Application for Permit to Drill (APD). A successful BOPE test using a test plug is considered when no pressure drop occurs over the duration of the test. Test gauges and recorders must be of the proper range and resolution commensurate with the authorized test pressure. Where intermediate casing strings are used, only one BOPE test will be necessary contingent upon the test being conducted to the highest approved test pressure to which the BOPE will be exposed. Casing pressure tests must be held for 30 minutes with no more than 10 percent pressure drop during the duration of the test.**

C. HARRADEN/ October 28, 2005 *oet*

BURLINGTON RESOURCES/ San Juan 27-5 Unit #116N APD

STIPULATION/CONDITION OF APPROVAL

This well is located within a 'vulnerable area'. In order to protect the integrity of the alluvium aquifer, a minimum surface csg. depth of 200' is stipulated as a condition of approval for this APD.