

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR - 6 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-079491A Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 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 7454 San Juan 27-5 Unit 9. Well Number 113B
4. Location of Well 845' FNL, 715' FWL Latitude 36° 35.6, Longitude 107° 21.1	RECEIVED MAR 20 1998 OIL CON. DIV. DIST. 3	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) D Sec 10, T-27-N, R-5-W API# 30-039-25809
14. Distance in Miles from Nearest Town 6 miles to Gobernador		12. County Rio Arriba
15. Distance from Proposed Location to Nearest Property or Lease Line 715'		
16. Acres in Lease		17. Acres Assigned to Well N72 320 W/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 900' This action is subject to technical and		
19. Proposed Drig procedural review pursuant to 43 CFR 3165.3 6022' and appeal pursuant to 43 CFR 3165.4.		20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6615' GR		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><i>Duane W. Spencer</i></u> Regulatory/Compliance Administrator		<u>12/31/97</u> Date

PERMIT NO. _____

APPROVAL DATE

MAR 04 1998

APPROVED BY

/s/ Duane W. Spencer

TITLE _____

DATE

MAR - 4 1998

Archaeological Report submitted

Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Hold C-124 for N56
NMOC

Form C-10
Revised February 21, 1995
Instructions on back
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

*API Number 30-039- 25809		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7454	*Property Name SAN JUAN 27-5 UNIT		*Well Number 113B
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6615'

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	27N	5W		845	North	715	West	RIO ARRIBA

UL or lot no.	Section	Township	Range	Lot 100	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
W/320			

The diagram shows a rectangular plot with several dimensions and markings:

- Top-left corner:** A small square indicates a right angle. The vertical side is labeled "845'" and the horizontal side is labeled "715'".
- Top edge:** The total length is labeled "5327.52'". There are handwritten notes "NW 1/3" near the top-left corner.
- Left edge:** The total height is labeled "5406.72'".
- Right edge:** A partial dimension "5381.64'" is visible on the far right.
- Bottom edge:** A partial dimension "5353.92'" is visible at the bottom center.
- Internal features:**
 - A dashed line runs horizontally across the middle of the plot.
 - A thick, hatched diagonal line runs from the top-left towards the bottom-right.
 - In the lower-left quadrant, there are handwritten notes "NE 1/3".
- Text and Stamp:**
 - "NMSF-079491A" is printed in the upper-middle section.
 - A large stamp in the lower-right quadrant reads: "RECEIVED MAR 18 1938 OIL CON. DIV. DIST. 3".
 - A large number "10" is centered on the horizontal dashed line.

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

RECEIVED
MAY 13 1964
PHOTO FARMINGTON
Signature: *Robert A. Bradburn*

Peggy Bradford
Printed Name
Regulatory Administrator
Title
3-12-98
Date

I hereby certify that the well location shown on this plan 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.

OCTOBER 27 1997
Date of Survey

Signature and Seal of Professional Engineer

NEALE C. EDWARDS
NEW MEXICO
6857

6857-2250 Professional Engineer

Certificate Number

OPERATIONS PLAN

Well Name: San Juan 27-5 Unit #113B
Location: 845' FNL, 715' FWL Section 10, T-27-N, R-5-W
Rio Arriba County, New Mexico
Latitude 36° 35.6, Longitude 107° 21.1
Formation: Blanco Mesa Verde
Elevation: 6615' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2792'	aquifer
Ojo Alamo	2792'	3047'	aquifer
Fruitland	3047'	3452'	
Pictured Cliffs	3452'	3547'	gas
Lewis	3547'	3927'	gas
Intermediate TD	3647'		
Huerfano Bentonite	3927'	4402'	
Chacra	4402'	5117'	
Massive Cliff House	5117'	5267'	gas
Menefee	5267'	5622'	gas
Massive Point Lookout	5622'		gas
Total Depth	6022'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
Coring/DST - none

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3647'	LSND	8.4-9.0	30-60	no control
3647-6022'	Gas/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 3647'	7"	20.0#	J-55
6 1/4"	3547' - 6022'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 6022' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

