

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
NM-03356
Unit Reporting Number
Indian, All. or Tribe

1b. Type of Well
GAS

2. Operator
BURLINGTON RESOURCES Oil & Gas Company

7. Unit Agreement Name
Northeast Blanco Unit

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499
(505) 326-9700

8. Farm or Lease Name
Northeast Blanco Unit

9. Well Number
52A

4. Location of Well
1850' FSL, 1190' FEL
Latitude 36° 53.9 Longitude 107° 33.2

10. Field, Pool, Wildcat
Blanco MV/Basin Dk

11. Sec., Twn, Rge, Mer. (NMPM)
Sec 15, T-31-N, R-7-W
API # 30-045-

14. Distance in Miles from Nearest Town
7 miles to Allison

12. County
SJ

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1190'

16. Acres in Lease

17. Acres Assigned to Well
320 E/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease

19. Proposed Depth
1800'
8082'

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

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6495' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: [Signature]
Regulatory/Compliance Administrator

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

Date 10/5/98

PERMIT NO. _____ APPROVAL DATE MAR 2 1999

APPROVED BY /s/ Duane W. Spencer TITLE Team Lead, Petroleum Management DATE MAR - 2 1999

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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.

OK @

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised February 21, 1994

Instructions on back

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

PO Box 2088
Santa Fe, NM 87504-2088

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

08/27/98 11:06 AM ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- 29859		*Pool Code 71599/72319	*Pool Name Basin Dakota/Blanco Mesaverde
*Property Code 23785	*Property Name NORTHEAST BLANCO UNIT		*Well Number 52A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6495'

¹⁰ Surface Location

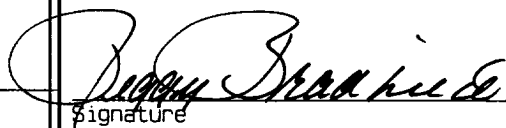
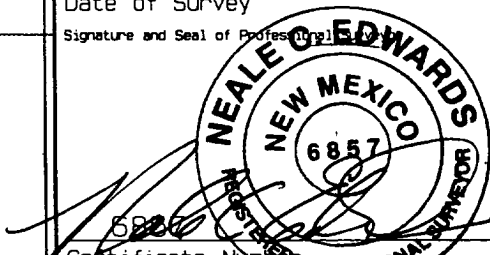
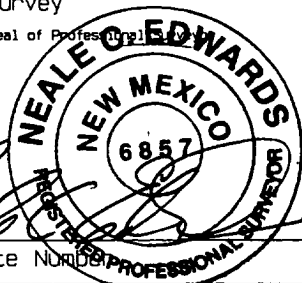
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	15	31N	7W		1850	SOUTH	1190	EAST	SAN JUAN

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/320 MV: E/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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><div>16</div><div>5281.32'</div><div>5280.00'</div><div>15</div><div>5276.04'</div><div>1850'</div><div>1190'</div><div>52</div><div>NM-03356</div></div>	<div><div><div>17 OPERATOR CERTIFICATION</div><div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div><div></div><div>Signature</div><div>Peggy Bradfield</div><div>Printed Name</div><div>Regulatory Administrator</div><div>Title</div><div>10/5/98</div><div>Date</div></div><div><div><div>18 SURVEYOR CERTIFICATION</div><div>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.</div><div>AUGUST 28, 1998</div><div>Date of Survey</div><div></div><div>Signature and Seal of Professional Surveyor</div><div></div><div>Certificate Number</div></div></div></div>
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OPERATIONS PLAN

Well Name: Northeast Blanco Unit #52A
Location: 1850' FSL, 1190' FEL Sec 15, T-31-N, R-7-W
San Juan County, NM
Latitude 36° 53.9, Longitude 107° 33.2
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6495' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	2328'	
Ojo Alamo	2328'	2441'	aquifer
Kirtland	2441'	2910'	
Fruitland	2910'	3284'	gas
Pictured Cliffs	3284'	3505'	gas
Lewis	3505'	4178'	gas
Intermediate TD	3605'		
Mesa Verde	4178'	4584'	gas
Chacra	4584'	5376'	
Massive Cliff House	5376'	5407'	gas
Menefee	5407'	5680'	gas
Massive Point Lookout	5680'	6029'	gas
Mancos	6029'	7004'	
Gallup	7004'	7752'	gas
Greenhorn	7752'	7803'	gas
Graneros	7803'	7928'	
Dakota	7928'		gas
TD (5 1/2" liner)	8082'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 500'	Spud	8.4-9.0	40-50	no control
500-3605'	LSND	8.4-9.0	30-60	no control
3605-8082'	Gas	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 500'	9 5/8"	32.3#	WC-50
8 3/4"	0' - 3605'	7"	20.0#	J-55
6 1/4"	3505' - 8082'	5 1/2"	15.5#	K-55 flushjoint

A variance is requested from Onshore Order #2, III, B. The casing collar clearance in the 5 1/2" flushjoint/6 1/4" hole will be 0.375", a 0.047" variance.

Tubing Program:

0' - 8082' 2 3/8" 4.70# EUE

SAN JUAN COUNTY, NEW MEXICO

150' NEW BLM CONSTRUCTION, N
NE/SE SECTION 15, T31N, R7W.

