

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 SF-078505 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name Seymour 9. Well Number 3B
4. Location of Well 2305' FSL, 2305' FEL Latitude 36° 53.0, Longitude 107° 43.9	10. Field, Pool, Wildcat Blanco Mesaverde/ Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 24, T-31-N, R-9-W API # 30-045-30147
14. Distance in Miles from Nearest Town 5 mi from Navajo Dam	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 2305'	
16. Acres in Lease	17. Acres Assigned to Well 320 E/2 319.37
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 2000'	
19. Proposed Depth 7930'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6410' GL	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	DRILLING OPERATIONS AUTHORIZED AND SUBJECT TO COMPLETION OF WELL ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	<u>1-18-00</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY /s/ Jim Lovato TITLE _____ DATE MAY 30 2000

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.

[Signature]

[Signature]

District I
PO Box 1990, 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 30-045- 30147		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 7499	*Property Name SEYMOUR		*Well Number 38
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6410'

10 Surface Location

UL or lot no. J	Section 24	Township 31N	Range 9W	Lot Idn	Feet from the 2305	North/South line SOUTH	Feet from the 2305	East/West line EAST	County SAN JUAN
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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
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12 Dedicated Acres MV/DK: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

16				17 OPERATOR CERTIFICATION	
LOT 4 LOT 3 LOT 2 LOT 1				I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
LOT 7 LOT 8				Signature Peggy Cole	
LOT 12 LOT 11 LOT 10 LOT 9				Printed Name Regulatory Administrator	
LOT 13 LOT 14				Title 1-18-00	
24 SF-078505				Date	
2305'				18 SURVEYOR CERTIFICATION	
2604.36'				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.	
2670.36'				NOVEMBER 3, 1999	
2305'				Date of Survey	
2305'				Signature and Seal of Professional Surveyor	
2305'				NEALE C. EDWARDS NEW MEXICO 6857	
2305'				Certificated Number 6857	

OPERATIONS PLAN

Well Name: Seymour #3B
Location: 2305' FSL, 2305' FEL, Sec 24, T-31-N, R-9-W
San Juan County, NM
Latitude 36° 53.0, Longitude 107° 43.9
Formation: Blanco Mesa Verde/Basin Dakota
Elevation: 6410' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1997'	
Ojo Alamo	1997'	2071'	aquifer
Kirtland	2071'	2720'	gas
Fruitland	2720'	3257'	gas
Pictured Cliffs	3257'	3377'	gas
Lewis	3377'	3981'	gas
Intermediate TD	3477'		
Mesa Verde	3981'	4346'	gas
Chacra	4346'	5110'	gas
Massive Cliff House	5110'	5169'	gas
Menefee	5169'	5502'	gas
Massive Point Lookout	5502'	5859'	gas
Mancos	5859'	6797'	gas
Gallup	6797'	7522'	gas
Greenhorn	7522'	7592'	gas
Graneros	7592'	7658'	gas
Dakota	7658'		gas
TD (4 1/2" liner)	7930'		

Logging Program:

Cased hole - IEL-GR, CNL-CDL, CBL-CCL-GR, - TD to intermediate TD

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- 3477'	LSND	8.4-9.0	30-60	no control
3477- 7930'	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>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
17 1/2"	0' - 200'	13 3/8"	48#	H-40
10 5/8"	0' - 3477'	8 5/8"	32#	J-55
7 7/8"	3377' - 7930'	5 1/2"	15.5#	J-55

Tubing Program:

0' - 7930'	1 1/2"	2.90# EUE
0' - 5859'	1 1/2"	2.75# IJ

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.

BURLINGTON RESOURCES OIL & GAS COMPANY SEYMOUR #3B

2305' FSL & 2305' FEL, SECTION 24, T31N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

2000' NEW BLM CONSTRUCTION
1500' SE/NW SECTION 24, T31N, R9W
100' NE/SW SECTION 24, T31N, R9W
400' NW/SE SECTION 24, T31N, R9W.

