

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 98 DEC -9 PM 1:31

1a. Type of Work DRILL 1b. Type of Well GAS 2. Operator BURLINGTON RESOURCES Oil & Gas Company 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700 4. Location of Well 1110' FNL, 800' FWL Latitude 36° 28.0 , Longitude 107° 44.8 14. Distance in Miles from Nearest Town 6 miles to Huerfano Trading Post 15. Distance from Proposed Location to Nearest Property or Lease Line 800' 16. Acres in Lease 18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600' 19. Proposed Depth 2170' 21. Elevations (DF, FT, GR, Etc.) 6448' GR 23. Proposed Casing and Cementing Program See Operations Plan attached 24. Authorized by: <u><i>[Signature]</i></u> Regulatory/Compliance Administrator	5. Lease Number NM-09840 Unit Reporting Number 6. If Indian, All. or Tribe 7. Unit Agreement Name 8. Farm or Lease Name McConnell <i>7.299</i> 9. Well Number #504 10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) D Sec.25, T-26-N, R-9-W API # 30-045- <i>29754</i> 12. County San Juan 13. State NM 17. Acres Assigned to Well <i>W</i> 320.00 20. Rotary or Cable Tools Rotary 22. Approx. Date Work will Start DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" <i>11-30-98</i> Date
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PERMIT NO. _____ APPROVAL DATE JAN 08 1999

APPROVED BY /s/ Duane W. Spencer TITLE _____ DATE JAN - 8 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.

NMOCB

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

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

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

Submit to Appropriate District Office
State Lease - 1 Copies
Fee Lease - 3 Copies

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

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

90 DEC -9 PM 1:32

☐ AMENDED REPORT

WELL LOCATION AND ACRES DEDICATION PLAT

*API Number 30-045-29754		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7299	*Property Name MCCONNELL		*Well Number 504
*GRID No. 14538	*Operator Name BUFLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6448

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
D	25	26N	9W		1110	NORTH	800	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres W/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

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 11-30-98 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. JULY 20, 1998 Date of Survey Signature and Seal of Professional Surveyor Certification Number

OPERATIONS PLAN

Well Name: McConnell #504
Location: 1110' FNL, 800' FWL, Section 25, T-26-N, R-9-W
 San Juan County, New Mexico
 Latitude 36° 28.0', Longitude 107° 44.8'
Formation: Basin Fruitland Coal
Elevation: 6448' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	1285'	
Ojo Alamo	1285'	1376'	aquifer
Kirtland	1376'	1783'	gas
Fruitland	1783'	2069'	gas
Fruitland Coal	1936'	2069'	gas
Pictured Cliffs	2069'		
Total Depth	2170'		

Logging Program: AIT/Dens/ML - TD to surface
 GR/Neut - TD to surface

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-8.9	40-50	no control
120-2170'	Non-dispersed	8.4-9.5	30-60	no control

Casing Program:

Hole Size	Depth Interval	Csq.Size	Wt.	Grade
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 2170'	4 1/2"	10.5#	J-55

Tubing Program:

0 - 2170'	2 3/8"	4.7#	J-55
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Float Equipment: 7" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two centralizers run every 3rd joint to the base of the Ojo Alamo @ 1376'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1376'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 4 1/2" x 2 3/8" x 11" 2000 psi xmas tree assembly.

BURLINGTON RESOURCES OIL & GAS COMPANY MCCONNELL #504

1110' FNL & 800' FWL, SECTION 25, T26N, R9W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

100' NEW BLM CONSTRUCTION
NWNW SECTION 25, T26N, R9W

