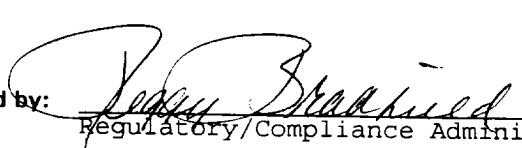


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR 26 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-065546A 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
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name 18589 Newman A 9. Well Number 7R
4. Location of Well 1745' FNL, 1840' FEL Latitude 36° 39.0, Longitude 107° 56.0		10. Field, Pool, Wildcat 77.200 Fulcher Kutz Pic.Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) G Sec 19, T-28-N, R-10-W API # 30-045-24561
14. Distance in Miles from Nearest Town 4 miles to Bloomfield	12. County SJ	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1745'		
16. Acres in Lease	17. Acres Assigned to Well 160 NE/4	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 3000'		
19. Proposed Depth 2200'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 5937 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:  Regulatory/Compliance Administrator	1-23-98 Date	

PERMIT NO. _____ APPROVAL DATE  _____
APPROVED BY _____ TITLE _____ DATE _____

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

NMOCB

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

District II
PO Drawer 00, 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <u>29561</u>		*Pool Code 77200	*Pool Name Fulcher Rutz Pictured Cliffs
*Property Code 13589	*Property Name NEWMAN A		*Well Number 7R
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5932'

10 Surface Location

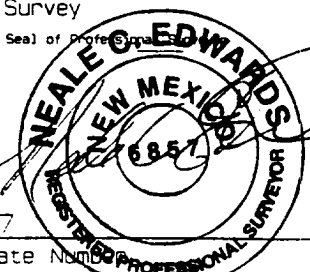
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	19	28N	10W		1745	North	1840	East	SAN JUAN

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 160	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

15 5280.00'	1	5349.30'	1745'	SF-065546A	1840'	5280.00'	19	RECEIVED MAR 26 1998 OIL CON. DIV. DIST. 3	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 1-23-98 Date
	2								
	3								
	4								
5355.90'									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. JANUARY 7, 1998 Date of Survey Signature and Seal of Professional Surveyor  6857 Certificate Number

OPERATIONS PLAN

Well Name: Newman A #7R
Location: 1745'FNL, 1840'FEL Section 19, T-28-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 39.0', Longitude 107° 56.0'
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 5932'GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	820'	
Ojo Alamo	820'	985'	aquifer
Kirtland	985'	1709'	
Fruitland	1709'	1939'	
Upper Coal	1766'	1925'	gas
Basal Coal	1925'	1939'	gas
Pictured Cliffs	1939'		gas
Total Depth	2200'		

Logging Program: Hi Res Ind, Den/Neut, MRL/GR to Total Depth.

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 120'	Spud	8.4-9.0	40-50	no control
120-2200'	LSND	8.4-9.0	40-60	no control

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

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
8 7/8"		7"	20.0#	5.5#
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2200'	3 1/2"	7.7#	WC-70

Tubing Program: - none

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
 Centralizers will be run in accordance with Onshore Order #2.

3 1/2" production casing- float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 985'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 985'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

APD MAP #1

BLM NO NEW CONSTRUCTION
SWNE SECTION 19, T28N, R10W

