

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL 070 FARMINGTON, NM	5. Lease Number NM-02861 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 7273 Lodewick 9. Well Number 3R
4. Location of Well 1560' FNL, 1850' FWL Latitude 36° 33.42, Longitude 107° 49.9	10. Field, Pool, Wildcat 7720 Fulcher Kutz Pic.Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) F Sec 19, T-27-N, R-9-W API # 30-045-29536
14. Distance in Miles from Nearest Town 16 miles to Bloomfield	12. County San Juan
15. Distance from Proposed Location to Nearest Property or Lease Line 1560'	13. State NM
16. Acres in Lease	17. Acres Assigned to Well 160.68
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1560'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.
19. Proposed Depth 2550'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6501' 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>Duane W. Spencer</u> Regulatory/Compliance Administrator	<u>12/30/97</u> Date

PERMIT NO. _____ APPROVAL DATE FEB 11 1998
APPROVED BY S/ Duane W. Spencer TITLE _____ DATE FEB 11 1998

Archaeological Report submitted
Threatened and Endangered Species Report submitted
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

RECEIVED
FEB 17 1998
OIL CON. DIV.
DIST. 3

NMOCD

Handwritten initials/signature

1950-1951
B. C. 10-19-51
A. B. 10-19-51

1950-1951
B. C. 10-19-51
A. B. 10-19-51

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1950-1951
B. C. 10-19-51
A. B. 10-19-51

1950-1951
B. C. 10-19-51
A. B. 10-19-51

1950-1951

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-10
Revised February 21, 199

District II
PO Drawer 00, Artesia, NM 88211-0719

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-29536		2 Pool Code 77200		3 Pool Name Fulcher Kutz Picfured Cliffs	
4 Property Code 7273		5 Property Name LODEWICK			6 Well Number 3R
7 GRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6501'

10 Surface Location

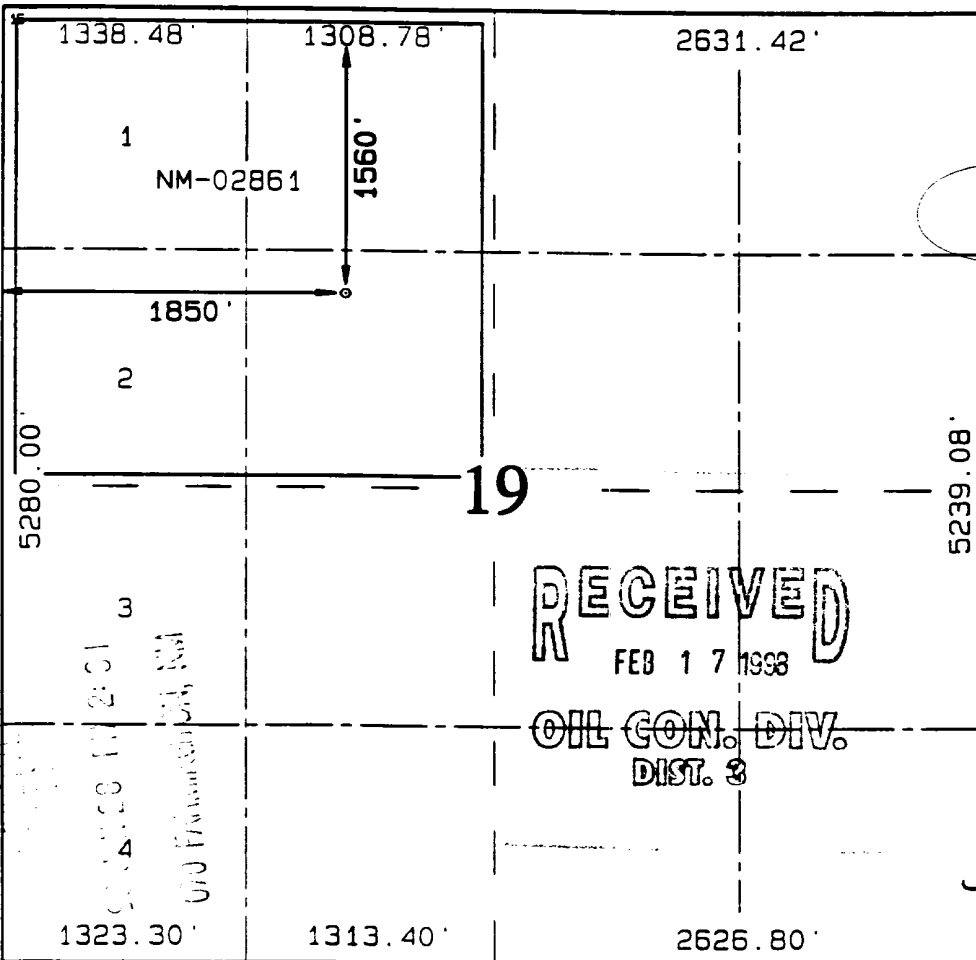
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	19	27N	9W		1560	North	1850	West	SAN JUAN

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 160.68	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.

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name
Regulatory Administrator
Title

12/30/97
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 or under my supervision, and that the same is true and correct to the best of my belief.

NOVEMBER 7 1997
Date of Survey

James C. Edwards
Signature and Seal of Professional Surveyor



6857
Certificate Number

RECEIVED
FEB 17 1998
OIL CON. DIV.
DIST. 3

OPERATIONS PLAN

Well Name: Lodewick #3R
Location: 1560' FNL, 1850' FWL Section 19, T-27-N, R-9-W
 San Juan County, New Mexico
 Latitude 36^o 33.42', Longitude 107^o 49.9'
Formation: Fulcher Kutz Pictured Cliffs
Elevation: 6501'GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1449'	
Ojo Alamo	1449'	1607'	aquifer
Kirtland	1607'	2115'	
Fruitland	2115'	2257'	
Upper Coal	2257'	2355'	gas
Basal Coal	2355'	2379'	gas
Pictured Cliffs	2379'		gas
Total Depth	2550'		

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
120-2550'	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>
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2550'	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 @ 1607'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1607'. 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.

**BURLINGTON
RESOURCES**

**Lodewick #3R
T27N, R9W**

No New Construction

T27N, R9W

**Section 19: SENW Existing
R.O.W.**

APD MAP #1

**EXISTING
ROW**

