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-04224	
		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 Quitzau 7408	
		9. Well Number 11R	
4.	Location of Well 1845' FNL, 1850' FEL Latitude 36° 25.9 , Longitude 107° 39.9	10. Field, Pool, Wildcat Ballard Pictured Cliffs	
		11. Sec., Twn, Rge, Mer. (NMPM) G Sec. 3, T-25-N, R-8-W API # 30-045-29726	
14.	Distance in Miles from Nearest Town 12 miles to Huerfano Trading Post	12. County San Juan	13. State NM
15.	Distance from Proposed Location to Nearest Property or Lease Line 1845'		
16.	Acres in Lease	17. Acres Assigned to Well 161.65	
18.	Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 700'		
19.	Proposed Depth 2878'	20. Rotary or Cable Tools Rotary	
21.	Elevations (DF, FT, GR, Etc.) 6995' GR	22. Approx. Date Work will Start	
23.	Proposed Casing and Cementing Program See Operations Plan attached		
24.	Authorized by: Peggy Bradfield Regulatory/Compliance Administrator	11-6-98 Date	

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

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

RECEIVED JAN - 8 1998 OIL CON. DIV. DIST. 3

PERMIT NO. _____ APPROVAL DATE JAN 05 1998

APPROVED BY /S/ Duane W. Spencer TITLE _____ DATE JAN - 6 1998

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.

NMOCD

District I
PO Box 1980, 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

[1] API Number	[2] Pool Code	[3] Pool Name
30-045- 29126	71439	Ballard Pictured Cliffs

[4] Property Code	[5] Property Name	[6] Well Number
7408	QUITZAU	11R

[7] OGRID No.	[8] Operator Name	[9] Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	6995'

[10] Surface Location

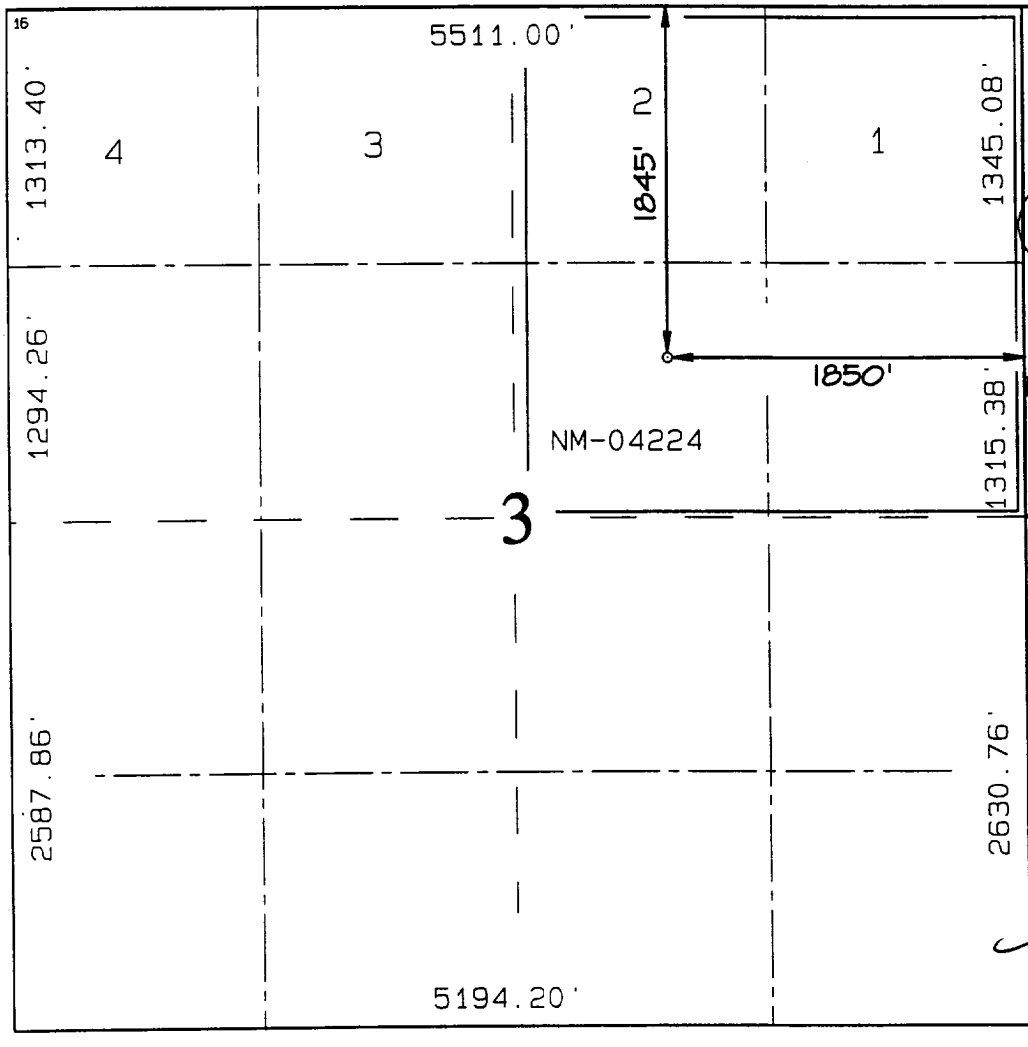
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	3	25N	8W		1845	NORTH	1850	EAST	SAN JUAN

[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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
NE/161.65			

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

Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

11-6-98
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.

AUGUST 21, 1998
Date of Survey

Signature and Seal of Professional Surveyor

NEALE C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR

6857
Certificate Number

OPERATIONS PLAN

Well Name: Quitzau #11R
Location: 1845' FNL, 1850' FEL, Section 3, T-25-N, R-8-W
San Juan County, New Mexico
Latitude 36° 25.9', Longitude 107° 39.9'
Formation: Ballard Pictured Cliffs
Elevation: 6995'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	2022'	
Ojo Alamo	2022'	2067'	aquifer
Kirtland	2067'	2451'	
Fruitland	2451'	2678'	gas
Pictured Cliffs	2678'		gas
Total Depth	2878'		

Logging Program: SP - Hi Res Ind from TD to Surface Casing
Bulk Den & Den/Neut from TD to top of Kirtland

Mud Program:

Interval	Type	Weight	Vis.	Fluid Loss
0- 120'	Spud	8.4-9.0	40-50	no control
120-2878'	Non-dispersed	8.4-9.5	30-60	no control

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

Hole Size	Depth Interval	Csg.Size	Wt.	Grade
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 2878'	3 1/2"	9.3#	J-55

Tubing Program: - none

Float Equipment: 7" 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 @ 2067'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2067'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 3 ½" x 11" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY QUITZAU #11R

1845' FNL & 1850' FEL, SECTION 3, T25N, R8W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO