

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-01594 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator <b>BURLINGTON RESOURCES</b> 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 Kelly A 1219 9. Well Number 8R
4. Location of Well 1185' FSL, 1845' FWL Latitude 36° 53.7, Longitude 107° 52.3	10. Field, Pool, Wildcat Blanco Pict'd Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) N Sec. 15, T-31-N, R-10-W API # 30-045-29817
14. Distance in Miles from Nearest Town 5 miles to Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1185'	17. Acres Assigned to Well 158.48
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 400'	
19. Proposed Depth 3197'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6216' 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>[Signature]</u> Regulatory/Compliance Administrator	2-2-99 Date

PERMIT NO. \_\_\_\_\_

APPROVAL DATE MAR 12 1999

APPROVED BY Chip Hamada

TITLE Acting Team Lead

DATE 3/12/99

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994  
Instructions on back

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 - 4 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 FEB -3 PM 1:49 ☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045- <i>29817</i>		*Pool Code 72359	*Pool Name Blanco Pictured Cliffs
*Property Code 7219	*Property Name KELLY A		*Well Number 8R
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6216'


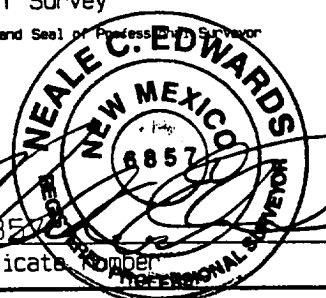
#### 10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	31N	10W		1185	SOUTH	1845	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 SW/158.48		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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

<div>16</div> <div>5179.68'</div> <div>4 3 2 1</div> <div>RECEIVED MAR 15 1999 OIL CON. DIV. DIST. 8</div> <div>5 15 6</div> <div>5264.16'</div> <div>NM-01594</div> <div>8 7 6</div> <div>1845'</div> <div>1185'</div> <div>9 10 11 12</div> <div>2635.38'</div> <div>2630.76'</div> <div>5347.32'</div>						<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</div> <div> Signature Peggy Bradfield</div> <div>Printed Name Regulatory Administrator</div> <div>Title 2-2-99</div> <div>Date</div>	
						<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>SEPTEMBER 15, 1998</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> <div> NEALE C. EDWARDS NEW MEXICO 6852 PROFESSIONAL SURVEYOR</div> <div>Certificate Number</div>	

OPERATIONS PLAN

**Well Name:** Kelly A #8R  
**Location:** 1185' FSL, 1845' FWL, Section 15, T-31-N, R-10-W  
 San Juan County, New Mexico  
 Latitude 36° 53.7, Longitude 107° 52.3  
**Formation:** Blanco Pictured Cliffs  
**Elevation:** 6216'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1433'	aquifer
Ojo Alamo	1433'	1505'	
Kirtland	1505'	2675'	
Fruitland	2675'	2997'	gas
Pictured Cliffs	2997'		gas
Total Depth	3197'		

**Logging Program:** Cased hole - GR/CCL

**Mud Program:**

Interval	Type	Weight	Vis.	Fluid Loss
0- 200'	Spud	8.4-9.0	40-50	no control
200-3197'	Non-dispersed	8.4-9.5	30-60	no control

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

Hole Size	Depth Interval	Csq. Size	Wt.	Grade
8 3/4"	0 - 200'	7"	20.0#	J-55
6 1/4"	0 - 3197'	2 7/8"	6.5#	J-55

**Tubing Program:**

None

**Float Equipment:** 7" surface casing - saw tooth guide shoe.  
 Centralizers will be run in accordance with Onshore Order #2.

2 7/8" 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 @ 1505'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1505'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

**Wellhead Equipment:** 7" x 2 7/8" x 11" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY KELLY A #8R

1185' FSL & 1845' FWL, SECTION 15, T31N, R10W, N.M.P.M.  
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION  
SE/SW SECTION 15, T31N, R10W.

