

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 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 Kelly A 9. Well Number 5R
4. Location of Well 865' FNL, 1450' FWL Latitude 36° 54.2, Longitude 107° 52.4	10. Field, Pool, Wildcat Blanco Pict'd Cliffs 11. Sec., Twn, Rge, Mer. (NM/PM) Sec. 15, T-31-N, R-10-W API # 30-045-29828
14. Distance in Miles from Nearest Town 6 miles to Aztec	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 865'	17. Acres Assigned to Well 160.00
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 600'	
19. Proposed Depth 3182'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6198' 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: <i>Deane Spencer</i> Regulatory/Compliance Administrator	Date 2-15-99

PERMIT NO. _____

APPROVED BY */s/ Duane W. Spencer*

APPROVAL DATE **MAR 18 1999**
Team Lead, Petroleum Management
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

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

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- 29828		*Pool Code 72359	*Pool Name Blanco Pictured Cliffs
*Property Code 7219	*Property Name KELLY A		*Well Number 5R
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 6198'

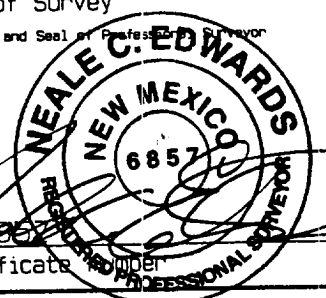
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	31N	10W		865	NORTH	1450	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 NW/160		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>865'</div> <div>1450'</div> <div>5264.16'</div> <div>2635.38'</div> <div>15</div> <div>5347.32'</div> <div>2630.76'</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><i>Peggy Bradfield</i> Signature</div> <div>Peggy Bradfield Printed Name</div> <div>Regulatory Administrator Title</div> <div>2-15-99 Date</div>	
<div>4</div> <div>3</div> <div>2</div> <div>1</div> <div>5</div> <div>FEE</div> <div>8</div> <div>7</div> <div>6</div> <div>9</div> <div>10</div> <div>11</div> <div>12</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>OCTOBER 5, 1998 Date of Survey</div> <div><i>Neale C. Edwards</i> Signature and Seal of Professional Surveyor</div> <div> Certificate</div>	

February 12, 1999

OPERATIONS PLAN

Well Name: Kelly A #5R
Location: 865' FNL, 1450' FWL, Section 15, T-31-N, R-10-W
 San Juan County, New Mexico
 Latitude 36° 54.2, Longitude 107° 52.4
Formation: Blanco Pictured Cliffs
Elevation: 6198'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1472'	aquifer
Ojo Alamo	1472'	1633'	
Kirtland	1633'	2479'	
Fruitland	2479'	2982'	gas
Pictured Cliffs	2982'		gas
Total Depth		3182'	

Logging Program: SP, High-Res Ind, Caliper - TD to surface
 Bulk Density, Density/Neutron - TD to top of Kirtland

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 200'	Spud	8.4-9.0	40-50	no control
200-3182'	Non-dispersed	8.4-9.5	30-60	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 3/4"	0 - 200'	7"	20.0#	J-55
6 1/4"	0 - 3182'	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 @ 1633'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1633'. 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 #5R

865' FNL & 1450' FNL, SECTION 15, T31N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NE/NW SECTION 15, T31N, R10W.

