

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 FEB 12 1998 OIL CON. DIV. DIST. 3	5. Lease Number SF-077092C 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 72319 Lackey A 9. Well Number 3R	
4. Location of Well 1730' FSL, 1455' FWL Latitude 36° 44.2, Longitude 107° 51.6	10. Field, Pool, Wildcat 72319 Blanco Mesa Verde 11. Sec, Twn, Rge, Mer. (NMPM) K Sec 11, T-29-N, R-10-W API # 30-045-24528	
14. Distance in Miles from Nearest Town 2 miles to Blanco	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1455'	17. Acres Assigned to Well 313.55 S/2	
16. Acres in Lease	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 300' This action is subject to technical and	22. Approx. Date Work will Start	
19. Proposed Departmental review pursuant to 43 CFR 3165.3 4800' and appeal pursuant to 43 CFR 3165.4.	23. Proposed Casing and Cementing Program See Operations Plan attached	
21. Elevations (DF, FT, GR, Etc.) 5758' GR 5800'	24. Authorized by: <u>Regina Shadniece</u> Regulatory/Compliance Administrator	
		Date <u>12/31/97</u>

PERMIT NO. _____

APPROVAL DATE FEB 10 1998

APPROVED BY /s/ Duane W. Spencer

TITLE _____

DATE FEB 10 1998

Archaeological Report submitted

Threatened and Endangered Species Report submitted

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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

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

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-24528		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7238	*Property Name LACKEY A		*Well Number 3R
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5808'

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
K	11	29N	10W		1730	South	1455	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 S/313.55		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

16		5264.16'		17 OPERATOR CERTIFICATION	
Reissued to show amended location		3 2 1		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
2611.62'		5 6		Signature <i>Peggy Bradfield</i>	
		7 FEB 12 1998		Printed Name Peggy Bradfield	
		OIL CON. DIV.		Regulatory Administrator Title	
		DIST. 3		Date 1-22-98	
11		SF-077092-C		18 SURVEYOR CERTIFICATION	
1455'		11 10 9		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.	
2637.36'		12 13 14		DECEMBER 9, 1997	
1730'		SF-077092		Date of Survey	
5272.08'				Signature and Seal of Professional Surveyor <i>NEALE C. EDWARDS</i>	
				Certificate Number 68572	

OPERATIONS PLAN

Well Name: Lackey A #3R
Location: 1730' FSL, 1455' FWL Section 11, T-29-N, R-10-W
San Juan County, New Mexico
Latitude 36° 44.3, Longitude 107° 51.5
Formation: Blanco Mesa Verde
Elevation: 5808' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1063'	aquifer
Ojo Alamo	1063'	1102'	aquifer
Kirtland	1102'	1868'	
Fruitland	1868'	2175'	
Pictured Cliffs	2175'	2350'	gas
Lewis	2350'	2792'	gas
Intermediate TD	2450'		
Huerfanito Bentonite	2792'	2830'	
Chacra	2830'	3835'	
Massive Cliff House	3835'	3955'	gas
Menefee	3955'	4436'	gas
Massive Point Lookout	4436'	4626'	gas
Lower Point Lookout	4626'		
Total Depth	4800'		

Logging Program:

Cased hole logging - Gamma Ray Neutron
Coring/DST - none

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
200-2450'	LSND	8.4-9.0	30-60	no control
2450-4800'	Gas/Mist	n/a	n/a	n/a

Pit levels will be visually monitored to detect gain or loss of fluid control.

Casing Program (as listed, the 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' - 200'	9 5/8"	32.3#	H-40
8 3/4"	0' - 2450'	7"	20.0#	J-55
6 1/4"	2350' - 4800'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 4800' 2 3/8" 4.7# J-55

BOP Specifications, Wellhead and Tests:

Surface to Intermediate TD -

11" 2000 psi minimum double gate BOP stack (Reference Figure #1).
After nipple-up prior to drilling out surface casing, rams and casing will be tested to 600 psi for 30 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY LACKEY A #3R

1730' FSL 1455' FWL SEC II, T29N, R10W
SAN JUAN COUNTY, NEW MEXICO

