

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

98 DEC 18 PM 1:01

1a. Type of Work DRILL	5. Lease Number SF-077092070 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 Lackey A 7238 9. Well Number 3A
4. Location of Well 1010' FSL, 995' FEL Latitude 36° 44.1, Longitude 107° 50.9	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 11, T-29-N, R-10-W API # 30-045-29763
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 995'	17. Acres Assigned to Well 313.55
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 800'	
19. Proposed Depth 4980'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 5832' GR	22. Approx. Date Work will Start 12-15-98
23. Proposed Casing and Cementing Program See Operations Plan attached	
24. Authorized by: <u>[Signature]</u> Regulatory/Compliance Administrator	Date

PERMIT NO. _____

APPROVAL DATE

JAN 6 8 1999

APPROVED BY VS/Duane W. Spencer

TITLE _____

DATE JAN - 8 1999

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

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

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT, NM

*API Number 30-045-29763	*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 7238	*Property Name LACKEY A	*Well Number 3A
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 5832'

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
P	11	29N	10W		1010	SOUTH	995	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 S/313.55	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

¹⁶ 2611.62' 4 3 2 1 5 6 8 11 2637.36' NMSF-077092C 12 13 5272.08'	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 12-15-98 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. JULY 11, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number	

OPERATIONS PLAN

Well Name: Lackey A #3A
Location: 1010' FSL, 995' FEL, Sec. 11, T-29-N, R-10-W
 San Juan County, NM
 Latitude 36° 44.1, Longitude 107° 50.9
Formation: Blanco Mesa Verde
Elevation: 5832'GR

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1104'	
Ojo Alamo	1104'	1254'	aquifer
Kirtland	1254'	1996'	gas
Fruitland	1996'	2316'	gas
Pictured Cliffs	2316'	2469'	gas
Lewis	2469'	2904'	gas
Intermediate TD	2569'		
Huerfanito Bentonite	2904'	2982'	
NC Chacra	2982'	3319'	gas
OT Chacra	3319'	3981'	gas
Massive Cliff House	3981'	4099'	salt
Menefee	4099'	4578'	gas
Massive Point Lookout	4578'		gas
TD	4980'		

Logging Program:

AIT/Dens/Temp - TD to Intermediate Casing
 GR/Neut - TD to surface

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-8.9	40-50	no control
320-4980'	LSND	8.4-9.1	30-60	no control

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

Casing Program:

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq.Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	24.0#	K-55
7 7/8"	0' - 4980'	4 1/2"	10.5#	K-55

Tubing Program:

0' - 4980' 2 3/8" 4.7# J-55 EUE

BOP Specifications, Wellhead and Tests:Surface to 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 #3A

1010' FSL & 995' FEL, SECTION II, T29N, R10W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

