

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 SF-078884 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 Canyon Largo Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 88499 (505) 326-9700	8. Farm or Lease Name Canyon Largo Unit 9. Well Number 449
4. Location of Well 1660' FSL, 1480' FWL Latitude 36° 23.8, Longitude 107° 26.4	10. Field, Pool, Wildcat Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) K Sec. 14, T-25-N, R-6-W API # 30-039-26370
14. Distance in Miles from Nearest Town 40 miles from Blanco	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1480'	
16. Acres in Lease	17. Acres Assigned to Well 320 W/2
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1000'	
19. Proposed Depth 7100'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6552' 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>Peggy Cals</u> Regulatory/Compliance Administrator	<u>2-3-00</u> Date

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY /s/ Jim Lovato

TITLE _____

DATE MAY 30 2000

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.

OK
JA
NMOC

CTP

DISTRICT II
P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-26370		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code 6886		5 Property Name CANYON LARGO UNIT			6 Well Number 449
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6552'

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	14	25-N	6-W		1660	SOUTH	1480	WEST	RIO ARRIBA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot ldn	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.		
W/320							PARCELS HAVE BEEN CONSOLIDATED		

W/320

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATE
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

[illegible]

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 Cole

Printed Name _____

Regulatory Administrat

1140

Date _____

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this map 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.

Date of Survey: _____

Signature and Seal of Professional Surveyor.

8894

Certificate Number

OPERATIONS PLAN

Well Name: Canyon Largo Unit #449
Location: 1660' FSL, 1480' FWL, Sec 14, T-25-N, R-6-W
Rio Arriba County, NM
Latitude 36° 23.8, Longitude 107° 26.4
Formation: Basin Dakota
Elevation: 6552' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1976'	
Ojo Alamo	1976'	2126'	aquifer
Kirtland	2126'	2408'	gas
Fruitland	2408'	2562'	gas
Pictured Cliffs	2562'	2943'	gas
Mesa Verde	2943'	3414'	gas
Chacra	3414'	4158'	gas
Massive Cliff House	4158'	4200'	gas
Menefee	4200'	4785'	gas
Massive Point Lookout	4785'	5275'	gas
Mancos	5275'	5797'	gas
Gallup	5797'	6687'	gas
Greenhorn	6687'	6742'	gas
Graneros	6742'	6797'	gas
Dakota	6797'		gas
TD	7100'		

Logging Program:

Open hole - Platform Express, CMR, FMI from TD to intermediate casing
Cased hole - CBL-CCL-GR - TD to surface
Cores - none
Mud log - 6180' to TD

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0- 320'	Spud	8.4-3.9	40-50	no control
320-7100'	LSND	8.4-9.0	40-60	8-12

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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'	8 5/8"	24.0#	WC-50
7 7/8"	0' - 7100' ✓	4 1/2"	10.5#	J-55

Tubing Program:

0' - 7100' 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.

2" nominal, 2000 psi minimum choke manifold (Reference Figure #3).

Completion Operations -

6" 2000 psi double gate BOP stack (Reference Figure #2).
After nipple-up prior to completion, pipe rams and casing top will be tested to 3000 psi for 15 minutes.

BURLINGTON RESOURCES OIL & GAS COMPANY
CANYON LARGO #449

SW/4 SEC. 14, T-25-N, R-6-W, N.M.P.M.,
RIO ARRIBA COUNTY, NEW MEXICO
1660' FSL, 1480' FWL

APD MAP #1

NO NEW CONSTRUCTION
SW/4 SEC. 14, T-25-N, R-6-W, N.M.P.M.,

