

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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070 FARMINGTON, NM

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NOV 20 1997
OIL CON. DIV.
DIST. 3

1a. Type of Work DRILL	5. Lease Number SF-078875 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 Canyon Largo Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 6886 Canyon Largo Unit 9. Well Number 400
4. Location of Well 790' FSL, 1755' FEL - surface 1000' FSL, 1850' FEL - bottomhole Latitude 36° 22.0, Longitude 107° 30.2	10. Field, Pool, Wildcat 71599 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec 30, T-25-N, R-6-W API # 30-039-25150
14. Distance in Miles from Nearest Town 14 miles to Counselors	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	
16. Acres in Lease	17. Acres Assigned to Well E/2 320
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1000'	
19. Proposed Depth 7410'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6819' 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	10-21-97 Date

PERMIT NO. _____

APPROVAL DATE

NOV 18 1997

APPROVED BY AS/Duane W. Spencer

TITLE _____

DATE NOV 18 1997

Archaeological Report submitted Technical Report 1054 dated June 24, 1997 by Arboles Contract Archaeology
Threatened and Endangered Species Report submitted by Ecosphere dated June 1997

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

OK

NMOC

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesa, NM 88211-0719
District III
1000 Rio Brans Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

Form 1
Revised February 21,
Instructions on
Submit to Appropriate District ()
State Lease - 4 C
Fee Lease - 3 C

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

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☐ AMENDED REF

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-039-	71599	Basin Dakota
Property Code	Property Name	Well Number
6886	Canyon Largo Unit	400
OGRID No.	Operator Name	Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	6819'

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
O	30	25-N	6-W		790	South	1755	East	R.A.

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
1000					1000	S	1850	E	

12 Dedication Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
E/320			

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	1320.66'	1314.72'	2628.78'	17 OPERATOR CERTIFICATE
RECEIVED NOV 20 1997 OIL CON. DIV. DIST. 3 SF-078875 30				<i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administra Title Date 7-21-97
				18 SURVEYOR CERTIFICATE
6796.18' 5278.68' 1755' 790' 2632.08' 1326.60' 1316.04'				<i>Neale C. Edwards</i> Signature and Seal of Professional Surveyor Date of Survey 5/12/97 Certificate Number 6857

OPERATIONS PLAN

Well Name: Canyon Largo Unit #400
Location: 790' FSL, 1755' FEL Section 30, T-25-N, R-6-W - surface
 1000' FSL, 1850' FEL Section 30, T-25-N, R-6-W - bottom hole
 Rio Arriba County, New Mexico
 Latitude 36° 22.0, Longitude 107° 30.2
Formation: Basin Dakota
Elevation: 6819' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	326'	aquifer
Nacimiento	326'	1993'	aquifer
Ojo Alamo	1993'	2114'	aquifer
Kirtland	2114'	2413'	
Fruitland	2413'	2637'	gas
Pictured Cliffs	2637'	2753'	gas
Lewis	2753'	2995'	gas
Huerfanito Bentonite	2995'	3461'	
Chacra	3461'	4171'	gas
Massive Cliff House	4171'	4236'	gas
Menefee	4236'	4886'	gas
Point Lookout	4886'	5173'	gas
Mancos	5173'	6021'	
Niobrara	6021'	6557'	gas
Juana Lopez	6557'	6874'	
Greenhorn	6874'	6943'	gas
Graneros	6943'	6982'	
Dakota	6982'		gas
Total Depth	7410'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 3970' to TD
 Coring - none
 DST - none
 Electric logs - DIL/SP/GR; CDL/CNL/GR; ML

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
320-7410'	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>TVD Depth</u>	<u>MD</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 320'		8 5/8"	23.0#	M-50
7 7/8"	0' - 6855'	6880'	4 1/2"	10.5#	J-55
7 7/8"	6855' - 7410'	7424'	4 1/2"	11.6#	J-55

Tubing Program: 0' - 7410' 2 3/8" 4.7# J-55 EUE 8rd

**BURLINGTON
RESOURCES**

**Canyon Largo Unit #400
T25N, R6W
No New Construction
T25N, R6W**

Section 30: SWSE Existing ROW

APD MAP #1

