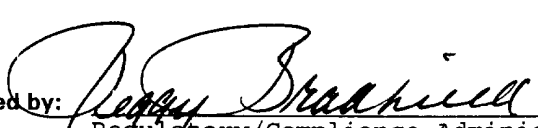


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number SF-078880 Unit Reporting Number
1b. Type of Well GAS	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	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 255E
4. Location of Well 1100' FNL, 1650' FWL 1165' 1168' Latitude 36° 24.2, Longitude 107° 31.8	10. Field, Pool, Wildcat 71544 Basin Dakota 11. Sec., Twn, Rge, Mer. (NMPM) D Sec 13, T-25-N, R-7-W API # 30-039-25144
14. Distance in Miles from Nearest Town 16 miles to Counselors	12. County Rio Arriba 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1100'	
16. Acres in Lease	17. Acres Assigned to Well w/2 320
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1000'	
19. Proposed Depth 7470'	This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4. 20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6853' GR 6847'	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:  Regulatory/Compliance Administrator	9-5-97 Date

PERMIT NO. _____

APPROVAL DATE NOV 07 1997

APPROVED BY _____

TITLE _____

DATE NOV 07 1997

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

NOTE: Notice of Staking submitted 6-6-97 for this well in this 1/4 section

NMOCB

OPERATIONS PLAN

Well Name: Canyon Largo Unit #255E
Location: 1100' FNL, 1650' FWL Section 13, T-25-N, R-7-W
 Rio Arriba County, New Mexico
 Latitude 36° 24.2, Longitude 107° 31.8
Formation: Basin Dakota
Elevation: 6853' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	385'	aquifer
Nacimiento	385'	2073'	aquifer
Ojo Alamo	2073'	2255'	aquifer
Kirtland	2255'	2511'	
Fruitland	2511'	2816'	gas
Pictured Cliffs	2816'	2855'	gas
Lewis	2855'	3116'	gas
Huerfanito Bentonite	3116'	3576'	
Chacra	3576'	4280'	gas
Massive Cliff House	4280'	4350'	gas
Menefee	4350'	4973'	gas
Point Lookout	4973'	5211'	gas
Mancos	5211'	6061'	
Niobrara	6061'	6620'	gas
Juana Lopez	6620'	6933'	
Greenhorn	6933'	6997'	gas
Graneros	6997'	7039'	
Dakota	7039'		gas
Total Depth	7470'		

Logging Program:

Mud Logs/Coring/DST -
 Mud logs - 4070' to TD
 Coring - two 30' cores from 7250-7310
 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
320-7470'	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"	23.0#	M-50
7 7/8"	0' - 6855'	4 1/2"	10.5#	J-55
7 7/8"	6855' - 7470'	4 1/2"	11.6#	J-55

Tubing Program: 0' - 7470' 2 3/8" 4.7# J-55 EUE 8rd

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, 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

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-
Revised February 21, 1977
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

57 OCT 21 PM 4:21

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-25749	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 6886	⁵ Property Name CANYON LARGO UNIT	⁶ Well Number 255E
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6847'

¹⁰ Surface Location

UL or lot no. D	Section 13	Township 25N	Range 7W	Lot Idn	Feet from the 1165	North/South line North	Feet from the 1100	East/West line West	County RIO ARRIPE
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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
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¹² Dedicated Acres W/320	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

5176.38'	Reissued to show amended location	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 10-20-97 Date
1100'	1165'	
5188.92'	SF-078880	
13		
5196.18'		¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes or actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief. OCTOBER 1997 Date of Survey Signature of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 REGISTERED PROFESSIONAL SURVEYOR 6857 Certificate Number
5196.84'		

