


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NM-6892 Unit Reporting Number NM
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 Reese Mesa 8606 9. Well Number 13
4. Location of Well 1455' FSL, 885' FWL Latitude 36° 58.8, Longitude 107° 38.0	10. Field, Pool, Wildcat Albino Pictured Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 13, T-32-N, R-8-W API # 30-045-29957
14. Distance in Miles from Nearest Town 4 miles to La Boca	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 885'	17. Acres Assigned to Well 160.00
16. Acres in Lease	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 40'	
19. Proposed Depth 4450'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 7100' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	PRINCIPAL OPERATIONS ASSIGNED ARE SUBJECT TO COMPLIANCE WITH A TACKLED "GENERAL REQUIREMENTS"
24. Authorized by:  Regulatory/Compliance Administrator	7-21-99 Date

PERMIT NO. _____

APPROVAL DATE

OCT 25 1999

APPROVED BY /s/ Joe Hewill

TITLE _____

DATE OCT 25 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.

OK @

NHCCD

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

Submit to Appropriate District Office

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

PO Box 2088

State Lease - 4 Copies

Santa Fe, NM 87504-2088

Fee Lease - 3 Copies

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

AMENDED REPORT

0701411010, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29957		*Pool Code 70120	*Pool Name Albino Pictured Cliffs
*Property Code 18606	*Property Name REESE MESA		*Well Number 13
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 7100'

¹⁰ Surface Location

UL or lot no. L	Section 13	Township 32N	Range 8W	Lot Idn	Feet from the 1455	North/South line SOUTH	Feet from the 885	East/West line WEST	County SAN JUAN
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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 SW/160	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 5244.36'		RECEIVED OCT 27 1999 OIL CONSERVATION DIVISION	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <i>Peggy Bradfield</i> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 7-21-99 Date	
5257.56'	NM-6892 13 885' 1455'		5124.24'	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. JUNE 23, 1999 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number 6857

OPERATIONS PLAN

Well Name: Reese Mesa #13
Location: 1455' FSL, 885' FWL, Section 13, T-32-N, R-8-W
San Juan County, New Mexico
Latitude 36° 58.8, Longitude 107° 38.0
Formation: Albino Pictured Cliffs
Elevation: 7100' GR

Formation:	Top	Bottom	Contents
Surface	San Jose	2848'	
Ojo Alamo	2848'	2993'	aquifer
Kirtland	2993'	3558'	gas
Fruitland	3558'	3807'	gas
Pictured Cliffs	3807'		gas
Total Depth	4450'		

Logging Program: GR/SP/Ind/Nuetron/Density/Cal - TD to 2990'
GR/SP/Ind/Cal - TD to surface
Dipole Sonic Log - TD to minimum

Coring Program: Sidewall cores taken at depths to be determined
(1 run/25 sidewall cores in Pictured Cliffs)

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
200-4450'	LSND	8.4-9.0	40-60	no control

Casing Program (as listed, 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'	8 5/8"	24.0#	K-55
7 7/8"	0 - 4450'	4 1/2"	10.5#	K-55

Tubing Program: - none

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe.
Centralizers will be run in accordance with Onshore Order #2.

4 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Seven centralizers run every 3rd joint to the base of the Ojo Alamo @ 2993'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 2993'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 4 1/2" 2000 psi screw on independent wellhead.

BURLINGTON RESOURCES OIL & GAS COMPANY REESE MESA #13

1455' FSL & 885' FWL, SECTION 13, T32N, R8W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

NO NEW CONSTRUCTION
NWSW SECTION 13, T32N, R8W

