

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 24 1997

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Bureau of Land Management
Durango, Colorado

1a. Type of Work DRILL	5. Lease Number I-22-IND-2772
1b. Type of Well GAS	6. If Indian, All. or Tribe Ute Mountain Ute
2. Operator BURLINGTON RESOURCES Oil & Gas Company 14538	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 18725 Ute Mtn Ute 9. Well Number 44
4. Location of Well 190' FSL, 2355' FWL Latitude 36° 59.8, Longitude 108° 18.9	10. Field, Pool, Wildcat W.C. 32N14W4N, HERMOSA 96353 Barker Dome Desert Creek 96353 Barker Dome Ismay 96354 Barker Dome Akah/Upper Barker Creek 96352 11. Sec., Twn, Rge, Mer. (NMPM) N Sec 9, T-32-N, R-14-W API # 30-045-29498
14. Distance in Miles from Nearest Town 6 miles to LaPlata	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 190'	103,525 205,525
16. Acres in Lease	17. Acres Assigned to Well 320/160
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 3500'	
19. Proposed Depth 9120'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6867'	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	SEE ATTACHED CONDITIONS
24. Authorized by: <u>[Signature]</u> (Regulatory/Compliance Administrator)	6/18/97 Date

PERMIT NO.

ACTING APPROVAL DATE

APPROVED BY (s) Jim Lovato

TITLE AREA MANAGER

DATE OCT 17 1997

Archaeological Report submitted by LaPlata Archaeology
Threatened and Endangered Species Report submitted by Ecosphere

HOLD R-46R
HOLD C-104 FOR NSL (DESERT CREEK, ISMAY, AKAH) NMCCD
HOLD C-104 FOR NSP & NSL (HERMOSA) (F)

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, 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-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29498	Pool Code 96352/96353/	Pool Name Barker Dome Desert Creek/Barker Dome Isma Barker Dome Akah/Upper Barker Creek/
Property Code 18725	Property Name Ute Mountain Ute	Well Number 44
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	Elevation 6867'

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
N	9	32-N	14-W		190	South	2355	West	S.J.

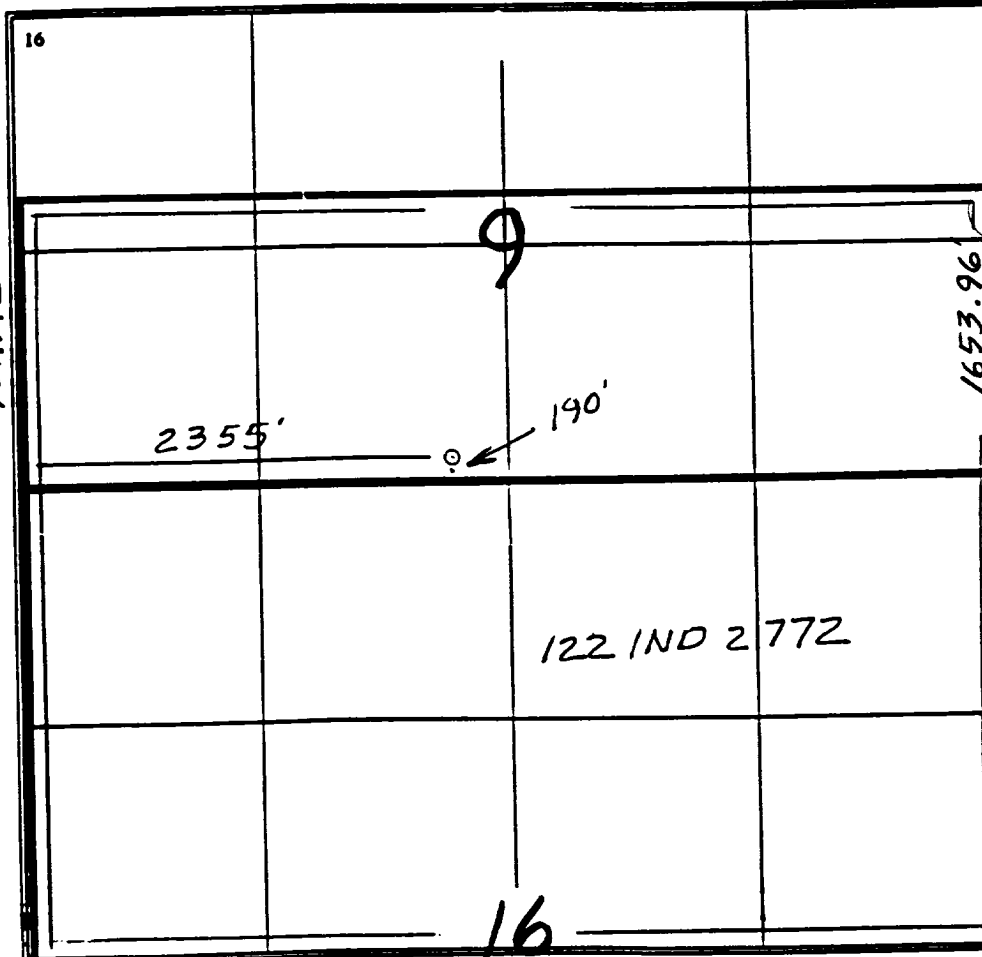
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicate Acreage Joint or Infill 13 Consolidation Code 14 Order No.

525 205
525 103

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
6-18-97
Date

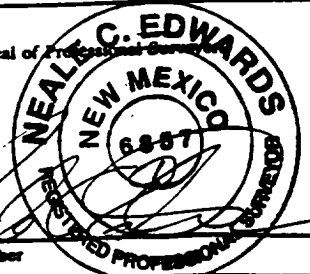
18 SURVEYOR CERTIFICATION

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.

4/16/97

Date of Survey

Signature and Seal of Professional Surveyor



6857
Certificate Number

June 20, 1997

OPERATIONS PLAN

Well Name: Ute Mtn Ute #44 \.
Location: 190' FSL, 2355' FWL Section 9, T-32-N, R-14-W
San Juan County, NM
Formation: Wildcat Hermosa; Barker Dome Desert Creek; Barker Dome
Ismay; Barker Dome Akah/Upper Barker Creek
Elevation: 6867' GR

Formation:	Top	Bottom	Contents
Surface	Menefee	2198'	
Niobrara	2198'	2844'	
Greenhorn	2844'	2904'	
Graneros	2904'	2971'	
Dakota	2971'	3209'	gas
Morrison	3209'	3741'	fresh water
Junction Creek	3741'	4088'	salt water
Summerville	4088'	4182'	
Entrada	4182'	4830'	salt water
Chinle	4830'	5770'	
Cutler	5770'	7359'	
Hermosa	7359'	8519'	
Ismay	8519'	8706'	gas (potentially 100-1580 ppm H ₂ S)
Desert Creek	8706'	8810'	gas (potentially 4-11,900 ppm H ₂ S)
Akah	8810'	8986'	
Upper Barker Creek	8986'		gas (potentially 0-12,000 ppm H ₂ S)
Total Depth		9120'	

Logging Program:

Mud logs - Niobrara to Total Depth
Wireline Logs - AIT-SP-GR-Cal, Micro-SP-GR-Cal, FMI TD to surface csg

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis</u>	<u>Fluid Loss</u>
0 - SCP	Spud	8.4-8.9	40	No Control
SCP-T.Ismay	Fresh Water	8.4-8.6	26-30	No Control
T.Ismay-TD	LSND/Dispersed	8.4-9.0	36-50	Less than 12

Casing Program: (all casing will be new)

<u>Hole Size</u>	<u>Depth Interval</u>	<u>Csq. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0' - 1398'	8 5/8"	24.0#	K-55 LT&C
7 7/8"	0' - 9120'	5 1/2"	17.0#	L-80 LT&C

Tubing Program: 0' - 9120' 2 7/8" tubing

6742X
U#44
6400

TRIBAL LANDS

**BURLINGTON
RESOURCES
UTE MOUNTAIN UTE #44
T32N, R14W**

**3042' Ute Mtn Ute Tribal
New Construction
T32N,R14W**

Section 9: S/2 220'
Section 16: N/2 2822'

APD MAP #1

UNIT 1