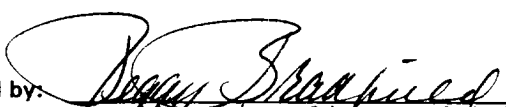


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED MAR - 9 1998 OIL CON. DIV.	5. Lease Number SF-080869 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES 14538 Oil & Gas Company	DIST. 3	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name 7336 Murphy B 9. Well Number 1R	
4. Location of Well 1715' FSL, 1470' FWL Latitude 36° 46.8, Longitude 107° 56.8	10. Field, Pool, Wildcat 7125c Aztec Pic. Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec 25, T-30-N, R-11-W API # 30-045- 29543	
14. Distance in Miles from Nearest Town 4 miles to Aztec	12. County SJ	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1470'		
16. Acres in Lease	17. Acres Assigned to Well SW/4 158.47	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200'		
19. Proposed Depth 2560'	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.) 5965' 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:  Regulatory/Compliance Administrator	2/6/98 Date	

PERMIT NO. _____

APPROVAL DATE

MAR 06 1998

APPROVED BY

 Duane W. Spencer

TITLE

DATE

MAR - 1998

Archaeological Report submitted

Threatened and Endangered Species Report submitted

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



RECEIVED
JAN 10 1964

U.S. DEPARTMENT OF
HEALTH, EDUCATION & WELFARE

OFFICE OF THE ASSISTANT SECRETARY
FOR PUBLIC AFFAIRS

100-100000-100000

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-102

Revised February 21, 1992

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 30-045-29543	'Pool Code 71280	'Pool Name Aztec Pictured Cliffs
'Property Code 7336	'Property Name MURPHY B	'Well Number 1R
'GRID No. 14538	'Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	'Elevation 5965'

¹⁰ Surface Location

UL or lot no K	Section 25	Township 30N	Range 11W	Lot Idn	Feet from the 1715	North/South line South	Feet from the 1470	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 158.47	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

15 2630.76'	4	3	2	1
	5	6		
25				
2655.84'	12	11	10	9
	13	14	15	

SF-080869

1470'

1715'

5217.96'

5236.44'

RECEIVED
MAR - 9 1998
OIL CON. DIV.
DIST. 3

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 Peggy Bradfield
Regulatory Administrator
Title 2/6/98
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
JANUARY 7, 1998
Date of Survey
Signature and Seal of Registered Surveyor
NEALE C. EDWARDS
NEW MEXICO
6857
Certification Number

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-01-2001 BY 60322 UCBAW

OPERATIONS PLAN

Well Name: Murphy B #1R
Location: 1715' FSL, 1470' FWL Section 25, T-30-N, R-11-W
 San Juan County, New Mexico
 Latitude 36° 46.8', Longitude 107° 56.8'
Formation: Aztec Pictured Cliffs
Elevation: 5965' GL

Formation:	Top	Bottom	Contents
Surface	Nacimiento	1000'	
Ojo Alamo	1000'	1128'	aquifer
Kirtland	1128'	1976'	
Fruitland	1976'	2348'	
Upper Coal	2146'	2261'	gas
Basal Coal	2261'	2348'	gas
Pictured Cliffs	2348'		gas
Total Depth	2560'		

Logging Program: Hi Res Ind, Den/Neut, MRL/GR to Total Depth.

Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Vis.</u>	<u>Fluid Loss</u>
0 - 120'	Spud	8.4-9.0	40-50	no control
120-2560'	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>Csg. Size</u>	<u>Wt.</u>	<u>Grade</u>
12 1/4"	0 - 120'	8 5/8"	23.0#	M-50
6 1/4"	0 - 2560'	3 1/2"	7.7#	WC-70

Tubing Program: - none

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

3 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Four centralizers run every 3rd joint to the base of the Ojo Alamo @ 1128'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1128'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 8 5/8" x 3 1/2" x 11" 2000 psi screw on independent wellhead.

1715' FSL & 1470' FWL, SECTION 25, T30N, R11W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

BLM 200' NEW CONSTRUCTION
NE/SW SECTION 25, T30N, R11W

