

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 MAY 13 1998 OIL CON. DIV.	5. Lease Number SF-078174A Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	14538 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 Aztec Federal	9. Well Number 1E
4. Location of Well 1110' FNL, 1460' FEL Latitude 36° 48.1, Longitude 107° 56.3	10. Field, Pool, Wildcat 71599 Basin Dakota	11. Sec., Twn, Rge, Mer. (NMPM) B Sec 24, T-30-N, R-11-W API # 30-045-27546
14. Distance in Miles from Nearest Town 4 miles to Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1110'	17. Acres Assigned to Well 320 E/2 314.78	
16. Acres in Lease		
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 600' 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	
19. Proposed Depth 7371'		
21. Elevations (DF, FT, GR, Etc.) 6270' 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><i>Regan Steadwell</i></u> Regulatory/Compliance Administrator	3-30-98 Date	

PERMIT NO. _____

APPROVAL DATE **MAY 11 1998**

APPROVED BY *AS/ Duane W. Spencer*

TITLE _____

DATE **MAY 11 1998**

Archaeological Report submitted by Arboles Contract Archaeology Technical Report #1317 dated 3-7-98
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.

NMOCD

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-10
Revised February 21, 199

District II
PO Drawer 00, Artesia, NM 88211-0719

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045 - 29596	² Pool Code 71599	³ Pool Name Basin Dakota
⁴ Property Code 6818	⁵ Property Name AZTEC FEDERAL	⁶ Well Number 1E
⁷ OGRI No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6270'

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
5	24	30N	11W		1110	NORTH	1460	EAST	SAN JUAN

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 Dedicated Acres E/320 3/4 28	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 4 2620.20' 5 RECEIVED MAY 13 1998 OIL CON. DIV. 24 DIST. 3 12 2610.96' 13	5207.40' 3 2 1110' 1460' SF-078174-A 7 NMSF-078171 10 15188.92' 15 NMSF-078198 16	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 3-30-98 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. FEBRUARY 9, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 PROFESSIONAL SURVEYOR Certificate No. 6857
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OPERATIONS PLAN

Well Name: Aztec Federal #1E
Location: 1110' FNL, 1460' FEL Sec 24, T-30-N, R-11-W
San Juan County, NM
Latitude 36° 48.1, Longitude 107° 56.3
Formation: Basin Dakota
Elevation: 6270' GL

<u>Formation Tops:</u>	<u>Top</u>	<u>Bottom</u>	<u>Contents</u>
Surface	San Jose	1353'	
Ojo Alamo	1353'	1477'	aquifer
Kirtland	1477'	2155'	
Fruitland	2155'	2736'	gas
Pictured Cliffs	2736'	2895'	gas
Lewis	2895'	3487'	gas
Huerfanito Bentonite	3487'	3749'	gas
Chacra	3749'	4403'	
Massive Cliff House	4403'	4543'	gas
Menefee	4543'	5057'	gas
Massive Point Lookout	5057'	5433'	gas
Mancos	5433'	6299'	
Gallup	6299'	7036'	gas
Greenhorn	7036'	7186'	gas
Dakota	7186'		gas
TD	7371'		

Logging Program:

Cased hole - CBL - TD to 200' above TOC, GR/CNL across MV/Dk

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
320-7371'	LSND	8.4-9.0	40-60	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#	WC-50
7 7/8"	0' - 7371'	4 1/2"	10.5#	J-55

Tubing Program:

0' - 7371'	2 3/8"	4.7#	J-55 EUE
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BURLINGTON RESOURCES OIL & GAS COMPANY AZTEC FEDERAL #1E

1110' FNL & 1460' FEL, SECTION 24, T30N, R11, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO

APD MAP #1

150' NEW CONSTRUCTION
NWNE SECTION 24, T30N, R11W

