

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

99 DEC 29 1:21

1a. Type of Work DRILL	5. Lease Number SF-073092 Unit Reporting Number
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 Douthitt 14083 9. Well Number 4R
4. Location of Well 790' FNL, 1850' FEL Latitude 36° 31.3, Longitude 107° 54.9	10. Field, Pool, Wildcat West Kutz Pict'd Cliffs 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 26, T-27-N, R-11-W API# 30-045-29724
14. Distance in Miles from Nearest Town 13 miles to Bloomfield	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 790'	
16. Acres in Lease	17. Acres Assigned to Well 160.00
18. Distance from Proposed Location to Nearest Well, Drlg. Compl. or Applied for on this Lease 300'	
19. Proposed Depth 2249'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6437' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached U.S. Dept. of Interior Technical and Procedures to 43 CFR 3105.2 43 CFR 3105.2	DEVELOPMENTS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL AGREEMENTS
24. Authorized by: <i>[Signature]</i> Regulatory/Compliance Administrator	12-29-98 Date

PERMIT NO. _____ APPROVAL DATE **FEB 16 1999**
APPROVED BY **/s/ Duane W. Spencer** TITLE _____ DATE _____

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.

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District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
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

¹ API Number 30-045-29724	² Pool Code 79680	³ Pool Name Kutz Pictured Cliffs West
⁴ Property Code 14083	⁵ Property Name DOUTHIT	⁶ Well Number # 4R
⁷ OGRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6437

¹⁰ Surface Location


UL or Lot No. B	Section 26	Township 27 N	Range 11 W	Lot Idn	Feet from the 790	North/South line NORTH	Feet from the 1850	East/West line EAST	County SAN JUAN
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¹¹ Bottom Hole Location If Different From Surface

¹ 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 NE/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

5280'(R)	16	5280'(R)	790'	1850'	5280'(R)	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 12-15-98 Date
	NMSF - 078092					
	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. October 1, 1998 Date of Survey Signature and Seal of Professional Surveyor  7016 Certificate Number					
2640'(R)	26	2639'(R)				

(R) - BLM Record

OPERATIONS PLAN**Well Name:** Douthit #4R**Location:** 790' FNL, 1850' FEL, Section 26, T-27-N, R-11-W
San Juan County, New Mexico
Latitude 36° 31.3, Longitude 107° 54.9**Formation:** Kutz Pictured Cliffs West**Elevation:** 6437'GR

Formation:	Top	Bottom	Contents
Surface	Nacimiento	994'	
Ojo Alamo	994'	1101'	aquifer
Kirtland	1101'	1811'	
Fruitland	1811'	2049'	gas
Pictured Cliffs	2049'		gas
Total Depth	2249'		

Logging Program: Cased hole - GR/CCL**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
120-2249'	Non-dispersed	8.4-9.5	30-60	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>
8 3/4"	0 - 120'	7"	20.0#	J-55
6 1/4"	0 - 2249'	3 1/2"	9.3#	J-55

Tubing Program:

0 - 2249'	1 1/2"	2.4#	IJ
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Float Equipment: 7" 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 @ 1101'. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 1101'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

Wellhead Equipment: 7" x 3 1/2" x 1 1/2" x 11" 2000 psi screw on independent wellhead.

