



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

June 29, 1998

Burlington Resources Oil & Gas Company
P. O. Box 4289
Farmington, New Mexico 87499-4289
Attention: Peggy Bradfield

RECEIVED
JUL 6 1998

OIL CON. DIV.
JUL 8

Administrative Order NSL-4071

Dear Ms. Bradfield:

Reference is made to your application dated June 9, 1998 for an exception to the well location requirements provided within the "Special Rules and Regulations for the Basin-Dakota Pool," as promulgated by Division Order No. R-10987, for a non-standard Basin-Dakota infill gas well location in an existing standard 320-acre stand-up gas spacing and proration unit for the Basin-Dakota Pool comprising the E/2 of Section 18, Township 27 North, Range 4 West, NMPM, Rio Arriba County, New Mexico. This unit is currently dedicated to Burlington Resources Oil & Gas Company's San Juan "27-4" Unit Well No. 44 (API No. 30-039-20125), located a standard gas well location 1825 feet from the North line and 1190 feet from the East line (Unit H) of Section 18.

The application has been duly filed under the provisions of Rules 104.F and 605.B of the Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

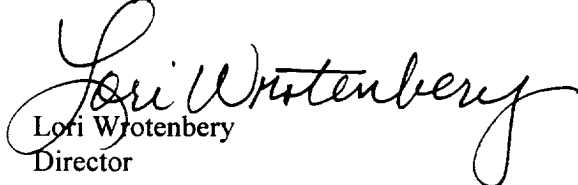
By the authority granted me under the provisions of Division Rule 104.F(2), the following described well to be drilled at an unorthodox infill gas well location in Section 18 is hereby approved:

San Juan "27-4" Unit Well No. 44-E
1525' FSL & 1950' FEL (Unit J)
(API No. 30-039-25853)

J-

Further, both of the aforementioned San Juan "27-4" Unit Well Nos. 44 and 44-E and existing gas spacing and proration unit will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,


Lori Wrotenbery
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington

BURLINGTON RESOURCES

SAN JUAN DIVISION

June 9, 1998

HAND DELIVERED

Ms. Lori Wrotenbery, Director
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

✓
RECEIVED
JUN 9 1998
OIL CON. DIV.
DIST. 3

Re: San Juan 27-4 Unit #44E
1525'FSL, 1950'FEL, Section 18, T-27-N, R-4-W, Rio Arriba County, NM
30-039-25853

Dear Ms. Wrotenbery:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Basin Dakota pool. This application for the referenced location is for the presence of washes, a pipeline, for archaeological reasons, and especially at the request of the U.S. Forest Service and private land owner in order to avoid any new access road.

Production from the Basin Dakota is to be included in a standard 320 acre gas spacing and proration unit comprising of the east half (E/2) of Section 18 which is currently dedicated to the San Juan 27-4 Unit #44 (30-039-20125) located at 1825'FNL, 1190'FEL of Section 18.

The following attachments are for your review:

1. Application for Permit to Drill.
2. Completed C-102 at referenced location.
3. Offset operators/owners plat.
4. 7.5 minute topographic map, and enlargement of the map to define topographic features.

We appreciate your earliest consideration of this application.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

xc: NMOCD - Aztec District Office
Bureau of Land Management - Farmington District Office

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

RECEIVED
JUN 9 1998OIL CON. DIV.
DIST. 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

1 Operator Name and Address. Burlington Resources PO Box 4289, Farmington, NM 87499		2 OGRID Number 14538	
3 API Number 30-029-25853		4 Well No. 44E	
5 Property Code 7452	6 Property Name San Juan 27-4 Unit	7 DIST. 3	

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	18	27N	4W		1525	S	1950	E	RA

8 Proposed 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

9 Proposed Pool 1 Basin Dakota 71599 E/320					10 Proposed Pool 2				
---	--	--	--	--	--------------------	--	--	--	--

11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary Rotary	14 Lease Type Code Fee	15 Ground Level Elevation 6624'GR
16 Multiple No	17 Proposed Depth 7924	18 Formation Dk	19 Contractor N/a	20 Spud Date N/a

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	32.3#	200'	188 cu.ft.	Surface
8 3/4"	7"	20.0#	3683'	969 cu.ft.	Surface
6 1/4"	4 1/2"	10.5#	7924'	609 cu.ft.	3683'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

11" 2000 psi minimum double gate BOP

Note: to facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 4 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 4 1/2" and 7" casing strings. After completion of the well, a 4 1/2" retrievable bridge plug will be set below the top of cement in the 4 1/2" x 7" overlap. The 4 1/2" casing will then be backed off above the top of cement in the 4 1/2" x 7" overlap and laid down. The liner top can then be pressure tested to ensure a seal between the liner top and the 7" casing has been achieved. The test pressure shall be the maximum anticipated pressure to which the seal will be exposed (700 psi for the Mesa Verde and 2500 psi for the Dakota). The 4 1/2" bridge plug will then be retrieved and the production tubing will be run to produce the well.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Peggy Bradfield*

Printed name: Peggy Bradfield

Title: Regulatory/Compliance Administrator

Date: 04-28-98

Phone: 505-326-9700

OIL CONSERVATION DIVISION

Approved by: *Ernie Bruch*

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date: APR 30 1998 Expiration Date: APR 30 1999

Conditions of Approval: *HOLD C-104 FOR NSL*
Attached ☐

District I
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
Revised February 2
Instructions c
Submit to Appropriate District
State Lease - 4
Fee Lease - 3

☐ AMENDED RE

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-25853	*Pool Code 71599	*Pool Name Basin Dakota
*Property Code 7452	*Property Name SAN JUAN 27-4 UNIT	*Well Number 44E
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6624'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	Cour
J	18	27N	4W		1525	SOUTH	1950	EAST	RI ARR

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres E/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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

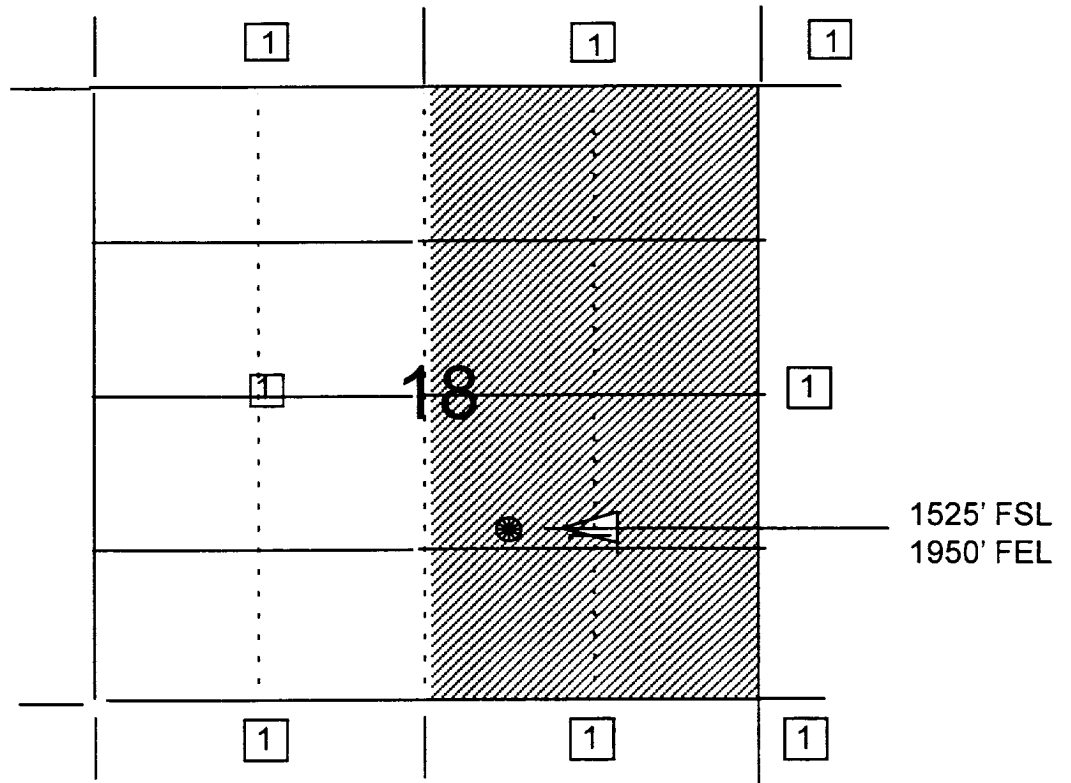
¹⁶ 5287.26' 1 RECEIVED JUL 9 1998 OIL CON. DIV. DIST. 3 2 5280.00' RECEIVED APR 30 1998 OIL CON. DIV. DIST. 3 4 5291.22'	18 FEE 1950' NMSF-080669 1525'	¹⁷ OPERATOR CERTIFICATE I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Peggy Bradfield Printed Name: Regulatory Administrator Title 4-27-98 Date ¹⁸ SURVEYOR CERTIFICATE I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision, and that the same is true and correct to the best of my belief. APRIL 8, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE C. EDWARDS NEW MEXICO 6857 Certificate Number
---	--	---

BURLINGTON RESOURCES OIL AND GAS COMPANY

**San Juan 27-4 Unit #44E
OFFSET OPERATOR \ OWNER PLAT
Non Standard Location**

Dakota Formation Well

Township 27 North, Range 4 West



1) Burlington Resources

