



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

July 8, 1998

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

RECEIVED  
JUL 15 1998

OIL CON. DIV.  
DIST. 3

Administrative Order NSL-4088

Dear Ms. Bradfield:

Reference is made to your application submitted to the New Mexico Oil Conservation Division ("Division") on July 1, 1998 for an exception to the well location requirements provided within the "*Special Rules and Regulations for the Blanco-Mesaverde Pool/Special Rules and Regulations for the Basin-Dakota Pool*," as promulgated by Division Order No. R-10987, for Burlington Resources Oil & Gas Company's ("Burlington") proposed Allison Unit Well No. 9-M (API No. 30-045-29613) to be drilled at an unorthodox infill gas well location in both the Blanco-Mesaverde and Basin-Dakota Pools 1245 feet from the South line and 1125 feet from the East line (Unit P) of Section 13, Township 32 North, Range 7 West, NMPM, San Juan County, New Mexico.

Gas production attributed to the well from both pools is to be included in the existing standard 320-acre stand-up gas spacing and proration unit comprising the E/2 of Section 13. Blanco-Mesaverde gas production is currently dedicated to Burlington's Allison Unit Well No. 9-R (API No. 30-045-28963), located at a standard gas well location 1720 feet from the North line and 1655 feet from the East line (Unit G) of Section 13. Basin-Dakota gas production is currently dedicated to Burlington's: (i) Allison Unit Well No. 9 (API No. 30-045-11431), located at a standard gas well location 1765 feet from the North line and 1500 feet from the East line (Unit G) of Section 13; and, (ii) the above-described Allison Unit Well No. 9-R.

The application has been duly filed under the provisions of Division Rules 104.F and 605.B of the General 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 above-described unorthodox Basin-Dakota/Blanco-Mesaverde infill gas well location for the Allison Unit Well No. 9-M is hereby approved. All of the aforementioned wells and both spacing units will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest, New Mexico.

Sincerely,

*Lori Wrotenbery / MES*

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

RECEIVED  
JUL 1 1998  
OIL CON. DIV.  
DIST. 3

Sent Federal Express

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

Re: Allison Unit #9M  
1245'FSL, 1125'FEL Section 13, T-32-N, R-7-W, San Juan County, NM  
30-045-29613

Dear Ms. Wrotenbery:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Blanco Mesa Verde and Basin Dakota pools. This application for the referenced location is for topographic and archaeological reasons, and especially at the request of the landowner.

Production from the Blanco Mesa Verde pool is to be included in a 320 acre gas spacing and proration unit comprising of the east half (E/2) of Section 13 which is currently dedicated to the Allison Unit #9R (30-045-28963) located at 1720'FNL, 1655'FEL of Section 13. Production from the Basin Dakota is to be included in a 320 acre gas spacing and proration unit comprising of the east half (E/2) of Section 13 which is currently dedicated to the Allison Unit #9 (30-045-11431) located at 1765'FNL, 1500'FEL and the Allison Unit #9R (30-045-28963) located at 1720'FNL, 1655'FEL of Section 13.

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 – Burlington is the offset operator.
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

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address. Burlington Resources PO Box 4289, Farmington, NM 87499		<sup>2</sup> OGRID Number 14538
<sup>4</sup> Property Code 6784	<sup>5</sup> Property Name Allison Unit	<sup>3</sup> API Number 30-045-

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	13	32N	7W		1245	S	1125	E	SJ

<sup>8</sup> 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

<sup>9</sup> Proposed Pool 1 Basin Dakota	<sup>10</sup> Proposed Pool 2 Blanco Mesa Verde
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 6479'GR
<sup>16</sup> Multiple Yes	<sup>17</sup> Proposed Depth 8046	<sup>18</sup> Formation MV/Dk	<sup>19</sup> Contractor N/a	<sup>20</sup> Spud Date N/a

<sup>21</sup> 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#	3533'	929 cu.ft.	Surface
6 1/4"	4 1/2"	10.5#	3433-8046'	663 cu.ft.	TOC 3433'

<sup>22</sup> 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.

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

Signature:

Printed name: Peggy Bradfield

Title: Regulatory/Compliance Administrator

Date: 06-11-98

Phone: 505-326-9700

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval :  
Attached ☐

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

For  
Revised February 1998  
Instructions  
Submit to Appropriate District  
State Lease - 4  
Fee Lease - 3

☐ AMENDED R

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-		Pool Code 72319/71599	Pool Name Blanco Mesaverde/Basin Dakota	
Property Code 6784	Property Name ALLISON UNIT			Well Num 9M
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			Elevatio 6479

#### 10 Surface Location

UL or lot no. P	Section 13	Township 32N	Range 7W	Lot 10n	Feet from the 1245	North/South line SOUTH	Feet from the 1125	East/West line EAST	C SAN
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#### 11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	C
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12 Dedicated Acres MV-E/320 DK-E/320	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

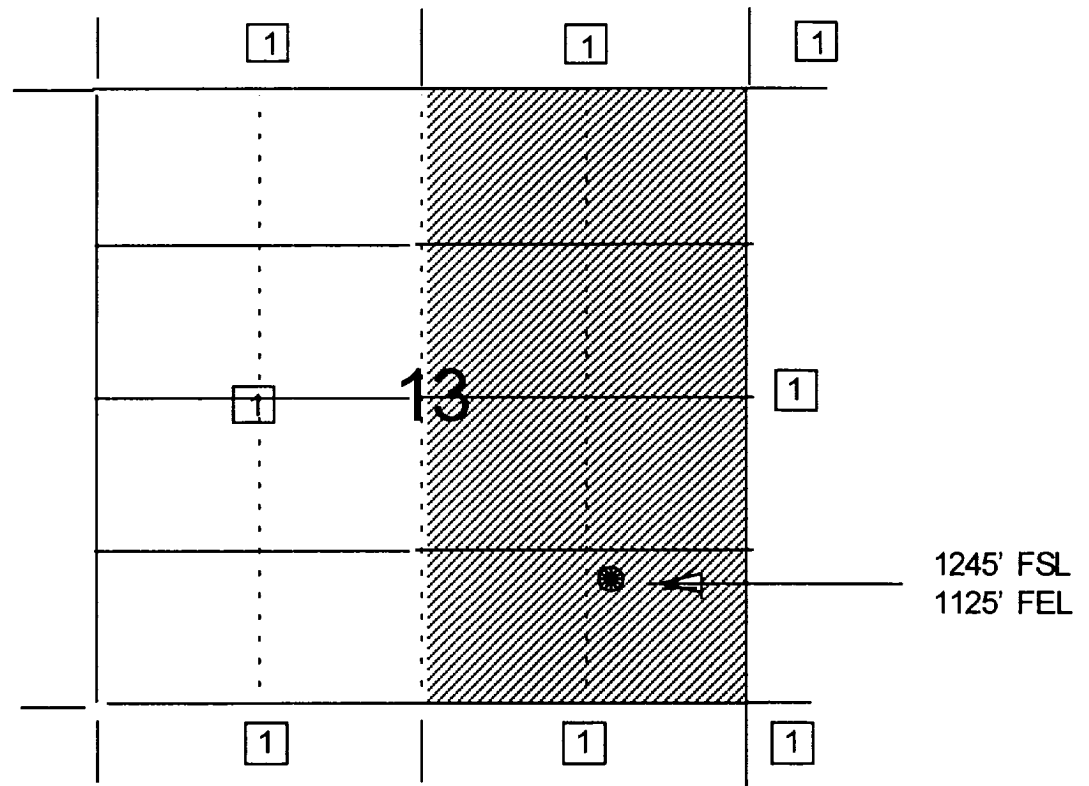
15 5278.68'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge.	
RECEIVED JUL 1 1998 OIL CON. DIV. DIST. 3 2		Signature Peggy Bradfield Printed Name Regulatory Administrator Title 6-11-98 Date	
6095.10'		18 SURVEYOR CERTIFICATION I hereby certify that the well location shown was plotted from field notes of actual surveys or under my supervision and that the same is correct to the best of my belief.	
13		MAY 26 1998 Date of Survey Signature and Seal of Professional Surveyor NEALE E. EDWARDS NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 6857 Certificate Number	
5285.94'		1125'	

***BURLINGTON RESOURCES OIL AND GAS COMPANY***

**Allison Unit #9M  
OFFSET OPERATOR \ OWNER PLAT  
Non Standard Location**

**Mesaverde/Dakota Formations Well**

**Township 32 North, Range 7 West**



1) Burlington Resources



