

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**  
AUG 26 1998

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, **OIL CON. DIV.** **DEEPEN OR PLUG BACK**, OR ADD A ZONE

<sup>1</sup> Operator Name and Address. <b>Burlington Resources</b> PO Box 4289, Farmington, NM 87499		<sup>2</sup> OGRID Number 14538
		<sup>3</sup> API Number 30 - 045- <i>2965-3</i>
<sup>4</sup> Property Code 6784	<sup>5</sup> Property Name Allison Unit	
		<sup>6</sup> Well No. 39M

<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
J	18	32N	6W		2065	South	2325	East	San Juan

<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 <i>71599</i>					<sup>10</sup> Proposed Pool 2 Blanco Mesa Verde <i>72319</i>				

<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 6505'GR
<sup>16</sup> Multiple Yes	<sup>17</sup> Proposed Depth 8041	<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#	3556'	936 cu ft	Surface
6 3/4"	4 1/2"	10.5#/11.6#	3456-8041'	659 cu ft	

<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: 08-24-98

Phone: 505-326-9700

## OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

DEPUTY OIL &amp; GAS INSPECTOR, DIST. #3

Expiration Date:

AUG 27 1998

AUG 27 1999

Hold C-109 for NSL

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

Form C-102

Revised February 21, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-29653	*Pool Code 71599/72319	*Pool Name Basin Dakota/Blanco Mesaverde
*Property Code 6784	*Property Name ALLISON UNIT	*Well Number 39M
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	*Elevation 6505'

<sup>10</sup> Surface Location

UL or lot no. J	Section 18	Township 32N	Range 6W	Lot Idn	Feet from the 2065	North/South line SOUTH	Feet from the 2325	East/West line EAST	County SAN JUAN
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<sup>11</sup> 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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<sup>12</sup> Dedicated Acres DK: E/320 MV: E/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

<sup>16</sup> 1316.70' 1 2663.76' 2 2653.20' 3 4 1312.08'	1339.14' 18 1325.28'	2669.70' FEE 39 2325' 2065' NM-04207 2650.56'	<sup>17</sup> 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 8-24-98 Date  <sup>18</sup> 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.  AUGUST 4, 1998 Date of Survey Signature and Seal of Professional Surveyor NEALEG EDWARDS NEW MEXICO 6857 6857 Certificate Number
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