

DHC-2008



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington Field Office  
1235 La Plata Highway, Suite A  
Farmington, New Mexico 87401

IN REPLY REFER TO:  
Allison Unit (PA's)  
3162.7 (07100)

October 4, 2001

Ms. Peggy Cole  
Burlington Resources Oil & Gas Company  
P.O. Box 4289  
Farmington, NM 87499

RE: Allison Unit - Accept downhole commingling applications & allocation factors

Dear Ms. Cole:

We have received your applications for downhole commingling of the Gallup/Dakota, and Mesaverde/Dakota formations for several wells in the Allison Unit. After review, we hereby accept your applications for downhole commingling and the submitted allocation factors. The effective date is the date that downhole commingling actually occurs. The wells and the approved allocation factors are listed on the attached page.

If you have any questions, please contact the undersigned with this office at (505) 599-6365.

Sincerely,

Joe Hewitt  
Geologist, Petroleum Management Team

Enclosures: 1 page

cc: NMOCD, Santa Fe, NM  
NMOCD, Aztec, NM

# Burlington Allison Unit Downhole Commingle Allocations Factors

| Well Name         | Lease      | Location            | API#       | Formation Allocation | Formation Allocation |
|-------------------|------------|---------------------|------------|----------------------|----------------------|
| Allison Unit #2R  | NM-04207   | N sec 17, T32N, R6W | 3004529815 | MV gas 76% oil 50%   | DK gas 24% oil 50%   |
| Allison Unit #5A  | State      | I sec 16, T32N, R7W | 3004524413 | MV gas 79% oil 0%    | DK gas 21% oil 0%    |
| Allison Unit #^M  | State      | E sec 16, T32N, R7W | 3004529809 | MV/DK                |                      |
| Allison Unit #7   | SF-078495B | P sec 10, T32N, R7W | 3004511474 | MV gas 17% oil 50%   | DK gas 83% oil 50%   |
| Allison Unit #8A  | SF-078495B | O sec 15, T32N, R6W | 3004529502 | MV gas 90% oil 50%   | DK gas 10% oil 50%   |
| Allison Unit #9M  | Fee        | P sec 13, T32N, R7W | 3004529613 | MV gas 94% oil 100%  | DK gas 6% oil 0%     |
| Allison Unit #11X | SF-078483A | A sec 23, T32N, R7W | 3004511346 | MV gas 86% oil 50%   | DK gas 14% oil 50%   |
| Allison Unit #12  | SF-078459B | G sec 14, T32N, R7W | 3004511429 | MV gas 65% oil 50%   | DK gas 35% oil 50%   |
| Allison Unit #12M | SF-078459B | J sec 14, T32N, R7W | 3004529663 | MV gas 78% oil 50%   | DK gas 22% oil 50%   |
| Allison Unit #13  | SF-078483A | M sec 12, T32N, R7W | 3004511470 | MV/DK                |                      |
| Allison Unit #13M | Fee        | O sec 12, T32N, R7W | 3004529624 | MV gas 30% oil 50%   | DK gas 70% oil 50%   |
| Allison Unit #17  | Fee        | J sec 24, T32N, R7W | 3004511294 | MV gas 88% oil 50%   | DK gas 12% oil 50%   |
| Allison Unit #17M | SF-080067A | E sec 24, T32N, R7W | 3004529689 | MV gas 90% oil 50%   | DK gas 10% oil 50%   |
| Allison Unit #18  | Fee        | B sec 25, T32N, R7W | 3004521319 | Gallup/DK            |                      |
| Allison Unit #19M | Fee-So Ute | G sec 24, T32N, R7W | 0506708223 | MV gas 84% oil 100%  | DK gas 16% oil 0%    |
| Allison Unit #20M | Fee        | F sec 18, T32N, R6W | 3004529608 | MV gas 84% oil 50%   | DK gas 16% oil 50%   |
| Allison Unit #23M | SF-081155  | E sec 19, T32N, R6W | 3004529668 | MV/DK                |                      |
| Allison Unit #23X | SF-081155  | M sec 19, T32N, R6W | 3004513189 | MV/DK                |                      |
| Allison Unit #24A | Fee        | P sec 7, T32N, R6W  | 3004529614 | MV gas 85% oil 100%  | DK gas 15% oil 0%    |
| Allison Unit #25  | Fee-So Ute | M sec 19, T32N, R7W | 0506705815 | MV gas 33% oil 0%    | DK gas 67% oil 0%    |
| Allison Unit #25M | Fee-So Ute | G sec 19, T32N, R6W | 0506708186 | MV gas 90% oil 50%   | DK gas 10% oil 50%   |
| Allison Unit #26M | SF-078459B | L sec 10, T32N, R7W | 3004529703 | MV/DK                |                      |
| Allison Unit #27  | SF-081155  | A sec 30, T32N, R6W | 3004511576 | MV/DK                |                      |
| Allison Unit #27M | SF-081155  | F sec 30, T32N, R6W | 3004529485 | MV gas 88% oil 50%   | DK gas 12% oil 50%   |
| Allison Unit #31  | SF-078459B | L sec 14, T32N, R7W | 3004523296 | Gallup/DK            |                      |
| Allison Unit #31M | Fee        | D sec 14, T32N, R7W | 3004529601 | MV gas 77% oil 50%   | DK gas 23% oil 50%   |
| Allison Unit #34M | Fee        | J sec 11, T32N, R7W | 3004529804 | MV gas 96% oil 50%   | DK gas 4% oil 50%    |
| Allison Unit #38M | NM-04207   | A sec 17, T32N, R6W | 3004529484 | MV/DK                |                      |
| Allison Unit #39  | Fee        | H sec 18, T32N, R6W | 3004529615 | MV gas 69% oil 50%   | DK gas 31% oil 50%   |
| Allison Unit #39M | Fee        | J sec 18, T32N, R6W | 3004529653 | MV gas 81% oil 50%   | DK gas 19% oil 50%   |
| Allison Unit #47  | Fee        | M sec 8, T32N, R6W  | 3004529526 | MV gas 92% oil 50%   | DK gas 8% oil 50%    |
| Allison Unit #47M | NM-04207   | O sec 8, T32N, R6W  | 3004529700 | MV gas 54% oil 50%   | DK gas 46% oil 50%   |
| Allison Unit #61M | Fee        | E sec 7, T32N, R6W  | 3004529629 | MV gas 44% oil 50%   | DK gas 56% oil 50%   |
| Allison Unit #64  | Fee        | I sec 8, T32N, R6W  | 30045      | MV/DK                |                      |

blanks indicate no allocation factors submitted only application