



# 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:  
3162.7 (07100)

October 12, 2001

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

RE: 10 West - Accept downhole commingle applications & allocation factors

Dear Ms. Cole:

We have received your applications for downhole commingling of several formations in wells located in the township 10 west area. 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 below.

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

Sincerely,

Joe Hewitt  
Geologist, Petroleum Management Team

Attachments: 2 pages listing wells

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

### Burlington Resources 10W Downhole Commingle Allocation Factors

| Well Name                | Lease      | Location            | API#       | Formation Allocation  | Formation Allocation |
|--------------------------|------------|---------------------|------------|-----------------------|----------------------|
| Atlantic C #1A           | NM-0607    | C sec 35, T31N,R10W | 3004522732 | MV gas 84% oil 100%   | PC gas 16% oil 0%    |
| Atlantic #5A             | NM-013688  | O sec 22, T31N,R10W | 3004522428 | MV gas 66% oil 100%   | PC gas 34% oil 0%    |
| Atlantic C #5A           | NM-93313   | O sec 6, T30N,R10W  | 3004522155 | MV gas 80% oil 100%   | PC gas 20% oil 0%    |
| Atlantic C #6A           | NM-013688  | C sec 22, T31N,R10W | 3004522388 | MV gas 67% oil 100%   | PC gas 33% oil 0%    |
| Atlantic C #9A           | SF-080917  | J sec 34, T31N,R10W | 3004522977 | MV gas 92% oil 100%   | PC gas 8% oil 0%     |
| Abright #2J              | SF-077865  | E sec 22, T29N,R10W | 3004523564 | Chacra gas 74% oil 0% | PC gas 26% oil 0%    |
| Abright #7E              | SF-081078  | P sec 22, T29N,R10W | 3004525057 | MV gas 59% oil 31%    | DK gas 41% oil 69%   |
| Abright #8E              | SF-076958  | O sec 15, T29N,R10W | 3004525056 | MV gas 70% oil 80%    | DK gas 30% oil 20%   |
| Cain #11E                | SF-080781  | O sec 15, T28N,R10W | 3004523972 | Chacra gas 33% oil 0% | PC gas 67% oil 100%  |
| Crandell #1C             | SF-078134  | J sec 19, T31N,R10W | 3004530405 | MV gas 68% oil 0%     | DK gas 32% oil 0%    |
| Feuille A #5             | SF-078197  | J sec 4, T29N,R10W  | 3004508693 | MV gas 84% oil 100%   | DK gas 16% oil 0%    |
| Feuille A #5E add Chacra | SF-078197  | K sec 1, T29N,R10W  | 3004526249 | MV gas 95% oil 0%     | DK gas 5% oil 0%     |
| Grenier A #1A            | SF-077282  | C sec 26, T30N,R10W | 3004523076 | MV gas 84% oil 100%   | PC gas 16% oil 0%    |
| Grenier B #3             | NM-03561   | K sec 5, T29N,R10W  | 3004508695 | MV gas 93% oil 91%    | DK gas 7% oil 9%     |
| Grenier A #3M            | SF-077282  | D sec 34, T30N,R10W | 3004525833 | MV gas 58% oil 70%    | DK gas 42% oil 30%   |
| Grenier B #4             | NM-03561   | G sec 4, T29N,R10W  | 3004508772 | MV gas 53% oil 40%    | DK gas 47% oil 60%   |
| Grenier B #5E            | NM-03561   | I sec 6, T29N,R10W  | 3004530086 | Chacra/MV/DK          |                      |
| Grenier A #8M            | NM-06738   | Msec 35, T30N,R10W  | 3004524489 | MV gas 55% oil 40%    | DK gas 45% oil 60%   |
| Grambling C #13          | SF-078200A | Msec 14, T30N,R10W  | 3004526599 | MV gas 91% oil 50%    | DK gas 9% oil 50%    |
| Hare #14                 | SF-076958  | K sec 10, T29N,R10W | 3004508490 | MV gas 50% oil 20%    | DK gas 50% oil 80%   |
| Hare #16                 | SF-076958  | H sec 2, T29N,R10W  | 3004508749 | MV gas 33% oil 95%    | DK gas 67% oil 5%    |
| Hare #17                 | SF-076958  | B sec 15, T29N,R10W | 3004508400 | MV gas 92% oil 60%    | DK gas 8% oil 40%    |
| Hare #18M                | SF-076958  | P sec 10, T29N,R10W | 3004524632 | MV gas 80% oil 60%    | DK gas 20% oil 40%   |
| Hare #19E                | SF-076958  | C sec 23, T29N,R10W | 3004523742 | MV gas 73% oil 100%   | DK gas 27% oil 0%    |
| Hare #22                 | SF-076958  | N sec 14, T29N,R10W | 3004523190 | MV gas 60% oil 100%   | PC gas 40% oil 0%    |
| Hare #22A                | SF-076958  | I sec 14, T29N,R10W | 3004523454 | MV gas 60% oil 100%   | PC gas 40% oil 0%    |
| Helms Federal #1A        | NM-055078  | C sec 22, T30N,R10W | 3004522169 | MV gas 57% oil 100%   | PC gas 43% oil 0%    |
| Hubbell #5               | SF-078716  | N sec 17, T29N,R10W | 3004508233 | MV gas 73% oil 20%    | DK gas 27% oil 80%   |
| Hubbell #3E              | SF-078716A | H sec 18, T29N,R10W | 3004523881 | MV gas 60% oil 70%    | DK gas 40% oil 30%   |
| Kelly B #1A              | SF-077754A | C sec 8, T30N,R10W  | 3004523156 | MV gas 72% oil 100%   | PC gas 28% oil 0%    |
| Lackey A #1R             | SF-077092  | A sec 12, T29N,R10W | 3004523707 | MV gas 80% oil 100%   | PC gas 20% oil 0%    |
| McClanahan #14E          | SF-079634  | G sec 23, T28N,R10W | 3004523913 | Chacra gas 70% oil 0% | DK gas 30% oil 100%  |
| McClanahan #15E          | SF-079634  | O sec 14, T28N,R10W | 3004524108 | MV gas 11% oil 52%    | DK gas 89% oil 48%   |