

DHC- 1855



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 9, 2001

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

RE: Township 11 & 12 west - Accept downhole commingle applications & allocation factors

Dear Ms. Cole:

We have received your applications for downhole commingling of several formations in wells in the two township 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

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

Burlington Resources 12W Downhole Commingle Allocation Factors

| Well Name | Lease | Location | API# | Formation Allocation | Formation Allocation |
|-----------------------|------------|----------------------|------------|----------------------|----------------------|
| Bolack Tommy #1M | SF-077482 | J sec 1, T30N, R12W | 3004525389 | MV/DK | |
| Culpepper Martin #4 | Fee | N sec 28, T32N,R12W | 3004512202 | MV gas 93% oil 74% | DK gas 7% oil 26% |
| Culpepper Martin #10 | Fee | K sec 32, T32N,R12W | 3004511800 | MV gas 84% oil 58% | DK gas 16% oil 42% |
| Culpepper Martin #12 | Fee | N sec 20, T32N,R12W | 3004512202 | MV gas 95% oil 66% | DK gas 5% oil 34% |
| Culpepper Martin #16 | Fee | C sec 4, T31N,R12W | 3004511821 | MV gas 74% oil 50% | DK gas 26% oil 50% |
| Culpepper Martin #17M | Fee | G sec 33 T32N,R12W | 3004530015 | MV gas 71% oil 0% | DK gas 29% oil 0% |
| Dalsant #1A | Fee | I sec 24, T32N,R12W | 3004522847 | MV gas 83% oil 100% | PC gas 17% oil 0% |
| Davis #9 | SF-077648 | F sec 12, T31N, R12W | 3004510878 | MV gas 80% oil 0% | DK gas 20% oil 0% |
| Davis #9E | SF-077648 | A sec 12, T31N,R12W | 3004523982 | PC/MV/DK | |
| Decker #4 | Fee | Msec 10, T31N,R12W | 3004520483 | MV gas 67% oil 51% | DK gas 33% oil 49% |
| Decker #4A | Fee | O sec 10, T31N,R12W | 3004523332 | MV gas 87% oil 100% | PC gas 13% oil 0% |
| Dusenberry #3E | Fee | H sec 1, T31N,R12W | 3004523664 | Gallup/MV/DK | |
| East #5M | SF-077652 | N sec 12, T31N,R12W | 3004529646 | MV gas 80% oil 50% | DK gas 20% oil 50% |
| East #11 | SF-077652 | A sec 24, T31N,R12W | 3004510599 | PC/MV/DK | |
| Federal G #1M | SF-078120A | L sec 35, T31N,R12W | 3004529735 | MV gas 68% oil 50% | DK gas 32% oil 50% |
| Grenier #12M | SF-078115 | H sec 13, T31N,R12W | 3004530117 | MV gas 78% oil 50% | DK gas 22% oil 50% |
| Hubbard #4 | SF-078312 | Msec 13, T31N,R12W | 3004520464 | MV gas 78% oil 54% | DK gas 22% oil 46% |
| Moore #1 | SF-078146 | H sec 35, T31N,R12W | 3004513214 | MV gas 63% oil 55% | DK gas 37% oil 45% |
| McDermitt #1 | NM-019413 | G sec 6, T31N,R12W | 3004511845 | MV/DK | |
| Newberry #12M | SF-078120A | P sec 4, T31N,R12W | 3004529568 | MV gas 96% oil 50% | DK gas 4% oil 50% |
| Newberry #12 | SF-078120A | H sec 4, T31N,R12W | 3004511837 | MV/DK | |
| Oliver SCR #1 | Fee | A sec 25, T31N,R12W | 3004510395 | MV gas 78% oil 49% | DK gas 22 oil 51% |
| Richardson #8E | SF-077651 | H sec 10, T31N,R12W | 3004524019 | MV/DK | |
| Thompson #7 | NM-01614 | Msec 13, T31N,R12W | 3004510060 | MV gas 63% oil 60% | DK gas 37% oil 40% |

blanks indicate no allocation factors submitted only application