DHC-2380

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

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%
McDurmitt #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