

**BURLINGTON
RESOURCES**

New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Fifield #4A
SESW, Section 21, T-30-N, R-11-W
30-045-29438
San Juan County, New Mexico

Gentlemen:

The above referenced well is a Chacra/Mesaverde commingle. Attached is a copy of the allocation for the commingling of the subject well completed on December 5, 2000. DHC-2815 was issued for this well.

Gas:	Chacra	19%
	Mesa Verde	81%

Oil:	Chacra	0%
	Mesa Verde	100%

These percentages are based upon remaining reserves assigned to each formation founded on production from the respective formations before and after the recompletion of the Chacra. Because condensate production did not change with the addition of the Chacra formation, the condensate is completely allocated to the Mesaverde formation. Please let me know if you have any questions.

Sincerely,



Peggy Cole
Regulatory Supervisor

Xc: NMOCD - Santa Fe
Bureau of Land Management

Production Allocation Documentation

Fifield 4A

Production Allocation

Based on Remaining Reserves

Chacra Recompletion (December 2000)

GAS

	<u>RR (MMCF)</u>	<u>Allocation %</u>
Mesaverde	612.1	81%
All	<u>754.5</u>	
Chacra	142.4	19%

Condensate

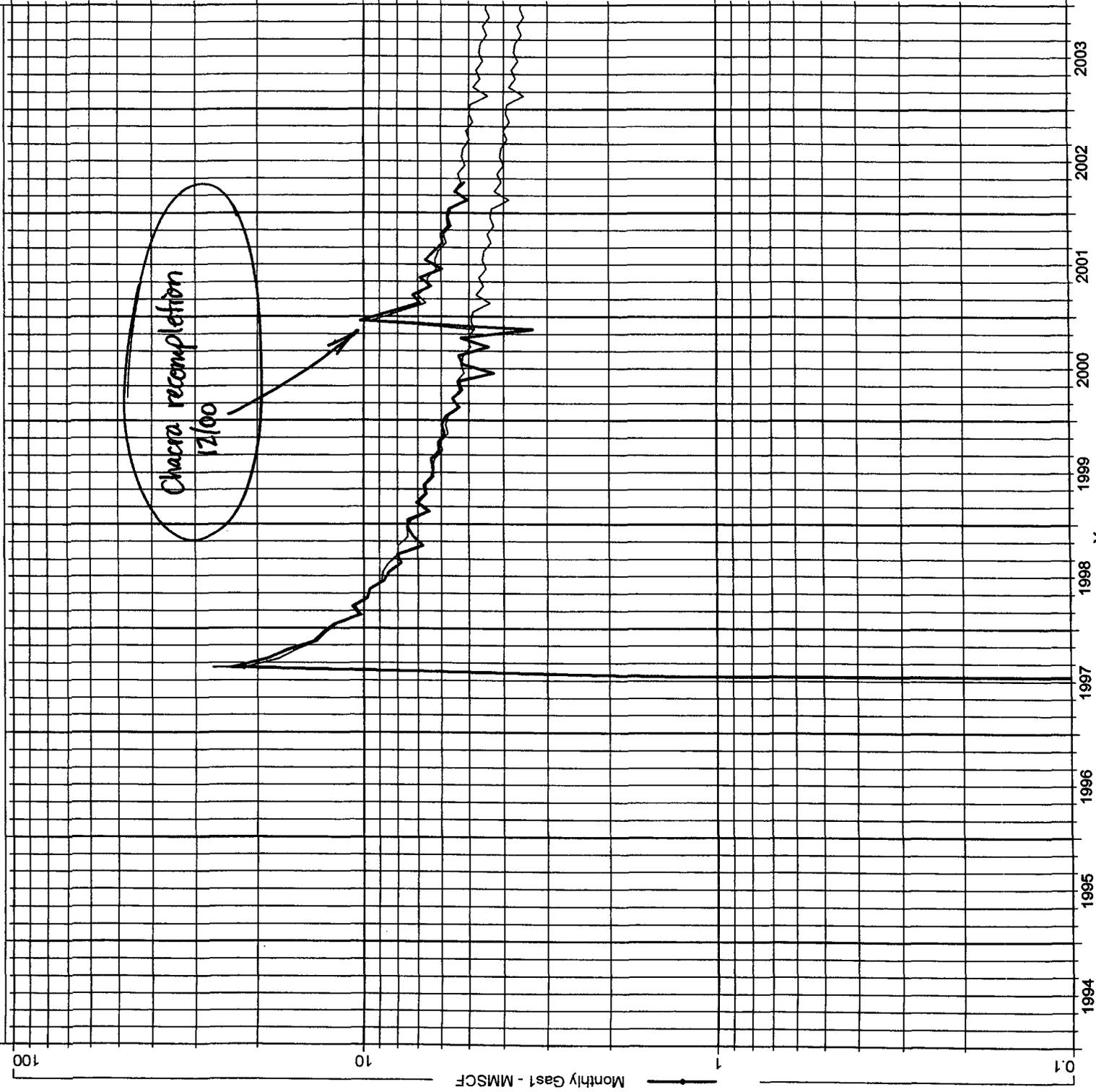
Because condensate has not changed since the addition of the Chacra formation, condensate has remained completely attributed to the Mesaverde formation.

FIFIELD 4A SUMMARY WELL - LTL (FIFIELD 4A SUMMARY WELL - LTL) Data: Jan. 1997-Apr. 2002

Monthly Gas1 - MMSCF
 LTL LEWIS BASE - MMSCF
 versus time
 Qi: 24.35 MMSCF, Aug, 1997
 Qf: 0.0371401 MMSCF, Nov, 2051
 Di:(Hyp->Exp) : 65
 n: 2
 RR: 500.874 MMSCF
 EUR: 938.914 MMSCF
 Corr coeff: N/A
 LTL LEWIS PROD - MMSCF
 versus time
 Qi: 24.35 MMSCF, Aug, 1997
 Qf: 0.0371401 MMSCF, Nov, 2051
 Di:(Hyp->Exp) : 65
 n: 2
 RR: 643.313 MMSCF
 EUR: 1081.35 MMSCF
 Corr coeff: N/A

Chacra RR = 142.44 MMCF

Mesaverde RR = 612.09 MMCF



DHC-2815



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 11W Downhole Commingle Allocation Factors

Well Name	Lease	Location	API#	Formation Allocation	Formation Allocation
Angel Peak B #37	SF-047017B	A sec 24, T28N,R11W	3004525654	Chacra gas 26% oil 50%	FC gas 26% oil 50%
Aztec Federal #1	SF-078171	J sec 24, T30N,R11W	3004509319	Chacra/MV/DK	
Cedar Hill #1M	SF-078144	E sec 24, T30N,R11W	3004530078	MV gas 69% oil 0%	DK gas 31% oil 0%
Childers #1A	SF-078040A	P sec 1, T31N,R11W	3004522110	MV gas 84% oil 100%	PC gas 16% oil 0%
Davis Federal #1M	SF-080869	K sec 25, T30N,R11W	3004529746	Chacra/MV/DK	
Frontier E #1E	SF-078872A	G sec 4, T27N,R11W	3004524102	Gallup gas 13% oil 68%	DK gas 87% oil 32%
Fifield #4A	SF-078138	N sec 21, T30N,R11W	3004529438	Chacra/MV	
Grenier #1B	SF-078115	H sec 6, T31N,R11W	3004530240	MV gas 56% oil 50%	DK gas 44% oil 50%
Griener #6	SF-0780115	K sec 20, T31N,R11W	3004510494	MV gas 58% oil 100%	PC gas 42% oil 0%
Grenier #13E	SF-078115	F sec 20, T31N,R11W	3004525332	MV gas 85% oil 50%	DK gas 15% oil 50%
Grenier #17	SF-078115	D sec 6, T31N,R11W	3004511698	MV gas 63% oil 88%	DK gas 37% oil 12%
Hampton #4M (need % oil)	SF-078144	N sec 13, T30N,R11W	3004525810	MV gas 27% oil ?%	DK gas 73% oil ?%
Heaton #7B	Fee	K sec 29, T31N,R11W	3004530105	MV gas 25% oil 50%	DK gas 75% oil 50%
Johns #1A	Fee	D sec 19, T32N,R11W	3004521814	MV gas 83% oil 0%	PC gas 17% oil 0%
Lawson #1A	SF-079269	D sec 12, T31N,R11W	3004522124	MV gas 77% oil 100%	PC gas 23% oil 0%
Lawson SCR#2 Add MV	NM-010989	B sec 31, T32N,R11W	3004520347	DK gas 62% oil 100%	PC gas 38% oil 0%
Lloyd #2A	SF-078144	D sec 12, T31N,R11W	3004522124	MV gas 77% oil 100%	PC gas 23% oil 0%
Mangum #5E	Fee	A sec 29, T29N,R11W	3004523672	Chacra gas 30% oil 0%	DK gas 70% oil 100%
Morris A #13A	SF-078138	I sec 15, T30N,R11W	3004526586	Chacra/MV	
Morris #102	SF-078138	H sec 28, T30N,R11W	3004529542	Chacra/MV	
Nye #14E or Hare #14E	SF-078144	G sec 13, T30N,R11W	3004524461	MV gas 95% oil 70%	DK gas 5% oil 30%
Nye #3A	SF-078198	P sec 1, T30N,R11W	3004522696	MV gas 73% oil 72%	DK gas 27% oil 28%
Payne Com #1B	SF-078144	N sec 26, T30N,R11W	3004523672	Chacra gas 37% oil 0%	MV gas 63% oil 0%
Ross Federal #1	SF-078138	G sec 23, T30N,R11W	3004509348	Chacra/MV/DK	
Taylor Com #2A	Fee	A sec 17, T30N,R11W	3004526224	Chacra gas 34% oil 21%	MV gas 66% oil 79%
Titt #2A	SF-078115	O sec 35, T31N,R11W	3004522914	MV gas 90% oil 100%	PC gas 10% oil 0%
Waller #1A	SF-078119A	P sec 11, T32N,R11W	3004522457	MV gas 64% oil 87%	PC gas 36% oil 13%

blanks indicate no allocation factors submitted only application