

BURLINGTON RESOURCES

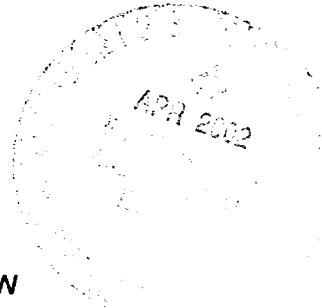
SAN JUAN DIVISION

April 4, 2002


Bureau of Land Management
1235 LaPlata Highway
Farmington, New Mexico 87401

Att: Ms. Adrienne Garcia

Re: Creek #1A
Commingled Pictured Cliffs/Mesaverde
30-039-22091
870'FSL, 800'FEL Section 4, T-29-N, R-5-W
NM0558139



Dear Ms. Garcia:

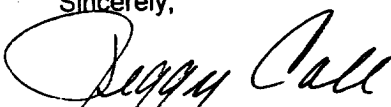
 Please review the supporting data for the oil allocation of the Creek #1A. Included is the historical production for the Creek #1 (30-039-20339) located at 1950'FNL, 1490'FEL in Section 4. The Creek #1 has been a single Mesaverde producer since 1970, and shows no cumulative oil production.

Also included are the allocations of two nearby commingled Pictured Cliffs/Mesaverde wells, the LaJara Canyon #1A and LaJara Canyon #1R, both which also show the oil production to be solely from the Pictured Cliffs formation. The allocations for these two wells have been accepted by your office as shown on the attachments.

The Creek #1A volume records show oil production from the Mesaverde in 1982 and 1983 only, with a combined total for both years at 20 barrels. Oil production from the Pictured Cliffs starts in 1985 through 2000, totaling 181 barrels. We believe the Mesaverde oil volumes to be in error. Our current system that records volumes does not allow the correction of the 20 barrels of oil from 1982-1983 to the Pictured Cliffs.

Please accept the attached data as support of allocating 100% of the oil volumes produced to the Pictured Cliffs formation. If you have further concerns, please contact Pamela Harper at 505-326-9704.

Sincerely,


Peggy Cole
Regulatory Supervisor

Xc: New Mexico Oil Conservation Division – Aztec District Office
New Mexico Oil Conservation Division – Santa Fe

creek1a

WELLNAME	WELLNO	FRM	POOL	API	SPUDDT	UNIT	SECT	TOWN	RANGE	Gas	Oil
CREEK	1	MV	BLANCO MESAVERDE (PRORATED GAS	30039203390000	9/18/1970	G	04	029N	005W	380065	0
CREEK	1A	MV	BLANCO MESAVERDE (PRORATED GAS	30039220910000	8/1/1979	P	04	029N	005W	232982	20
CREEK	1A	PC	GOBERNADOR (PICTURED CLIFFS)	30039220910000	8/1/1979	P	04	029N	005W	618107	181

The 20 bbls is most likely PC oil.

CREEK 1A
Production Allocation

Gas

*Mesaverde RR	42%
*Pictured Cliffs RR	58%
Total:	<u>100.0%</u>

Oil

*Mesaverde RR	0%
*Pictured Cliffs RR	100%
Total:	

*Allocation Formula Basis: The fixed percentages are based on current RR projections for each formation..



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 29, 2001

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

RE: 5, 6 & 7 West area wells - Accept downhole commingle applications & allocation factors

Dear Ms. Cole:

We have received your applications for downhole commingling of several formations in wells located in township 5, 6 and 7 west. 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: 1 page listing wells

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

BURLINGTON RESOURCES

June 10, 2000

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

Re: LaJara Canyon #1R
M Section 10, T-29-N, R-5-W
30-039-23054

Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2595 was issued for this well.

Gas:	Mesa Verde	40.15%
	Pictured Cliffs	59.85%
Oil:	Mesa Verde	0%
	Pictured Cliffs	100%

These allocations are based on historical production from the Mesa Verde and Pictured Cliffs. Please let me know if you have any questions.

Sincerely,



Peggy Cole
Regulatory Supervisor

Xc: NMOCD – Santa Fe
Bureau of Land Management – Farmington

La Jara Canyon #1R
Sec. 10, T29N R05W
Rio Arriba County, New Mexico

Production Allocation Based On Cumulative Production Through 12/99

	Cumulative Production			% Allocation	
	MCF/Mo.	Bbl Oil/Mo.		% Gas	% Oil
Pictured Cliffs	2,318	3		59.85%	100.00%
Mesaverde	1,555	0		40.15%	0.00%
Total	3,872	3		100.00%	100.00%

Gas Allocation:

Pictured Cliffs

$$\frac{\text{(Total Pictured Cliffs Production)} \quad 2,318 \text{ MCF}}{\text{(Total Combined Production)} \quad 3,872 \text{ MCF}} = 59.85\%$$

Mesaverde

$$\frac{\text{(Total Mesaverde Production)} \quad 1554.86 \text{ MCF}}{\text{(Total Combined Production)} \quad 3872.45 \text{ MCF}} = 40.15\%$$

Oil Allocation:

Pictured Cliffs

$$\frac{\text{(Total Pictured Cliffs Production)} \quad 3 \text{ Bbl Oil}}{\text{(Total Combined Production)} \quad 3 \text{ Bbl Oil}} = 100.00\%$$

Mesaverde

$$\frac{\text{(Total Mesaverde Production)} \quad 0 \text{ Bbl Oil}}{\text{(Total Combined Production)} \quad 3 \text{ Bbl Oil}} = 0.00\%$$

BURLINGTON RESOURCES

June 10, 2000

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

Re: LaJara Canyon #1A
D Section 10, T-29-N, R-5-W
30-039-22044

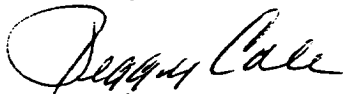
Gentlemen:

Attached is a copy of the allocation for the commingling of the subject well. DHC-2594 was issued for this well.

Gas:	Mesa Verde	47.33%
	Pictured Cliffs	52.67%
Oil:	Mesa Verde	0%
	Pictured Cliffs	100%

These allocations are based on historical production from the Mesa Verde and Pictured Cliffs. Please let me know if you have any questions.

Sincerely,



Peggy Cole
Regulatory Supervisor

Xc: NMOCD – Santa Fe
Bureau of Land Management – Farmington

La Jara Canyon #1A
Sec. 10, T29N R05W
Rio Arriba County, New Mexico

Production Allocation Based On Cumulative Production Through 12/99

	Cumulative Production			% Allocation	
	MCF/Mo.	Bbl Oil/Mo.		% Gas	% Oil
Pictured Cliffs	1,807	1		52.67%	100.00%
Mesaverde	1,624	0		47.33%	0.00%
Total	3,431	1		100.00%	100.00%

Gas Allocation:

Pictured Cliffs

(Total Pictured Cliffs Production)	1,807 MCF	
-----	-----	= 52.67%
(Total Combined Production)	3,431 MCF	

Mesaverde

(Total Mesaverde Production)	1624 MCF	
-----	-----	= 47.33%
(Total Combined Production)	3431 MCF	

Oil Allocation:

Pictured Cliffs

(Total Pictured Cliffs Production)	1 Bbl Oil	
-----	-----	= 100.00%
(Total Combined Production)	1 Bbl Oil	

Mesaverde

(Total Mesaverde Production)	0 Bbl Oil	
-----	-----	= 0.00%
(Total Combined Production)	1 Bbl Oil	

Burlington Resources 5W Downhole Commingle Allocation Factors

Well Name	Lease	Location	API#	Formation Allocation	Formation Allocation
Carson #2A	NM-4453	J sec 1, T30N,R5W	3003926018	MV gas 35% oil 50%	DK gas 65% oil 50%
Cat Draw #1E	NM-4456	C sec 4, T30N,R5W	3003923055	MV gas 84% oil 0%	DK gas 16% oil 0%
LaJara Canyon #1A	NM-0558140	D sec 10, T29N,R5W	3003922044	MV gas 47% oil 0%	PC gas 53% oil 100%
LaJara Canyon #1R	NM-0558140	M sec 10, T29N,R5W	3003923054	MV gas 40% oil 0%	PC gas 60% oil 100%

Burlington Resources 6W Downhole Trimingle Allocation Factors

Well Name	Lease	Location	API#	Formation Allocation	Formation Allocation
Klein #19	SF-079265	A sec 34, T26N,R6W	3003920499	MV gas 85% oil 45% Gallup gas 5% oil 45%	DK gas 10% oil 10%
Klein #19M	SF-079265	C sec 34, T26N,R6W	3003923770	MV gas 80% oil 50% Gallup gas 5% oil 45%	DK gas 15% oil 5%
Klein #24M	SF-079265	I sec 34, T26N,R6W	3003923771	MV gas 60% oil 40% Gallup gas 5% oil 45%	DK gas 35% oil 15%
Klein #27	SF-079265	K sec 35, T26N,R6W	3003921603	MV gas 80% oil 45% Gallup gas 5% oil 45%	DK gas 15% oil 10%
Klein #27M	SF-079265	O sec 35, T26N,R6W	3003923772	MV gas 80% oil 45% Gallup gas 5% oil 45%	DK gas 15% oil 10%
Kaime #2	Fee	A sec 20, T26N,R6W	3003926137	MV gas 21% oil 33% Gallup gas 28% oil 34%	DK gas 51% oil 33%
Kaime #2M	SF-079302A	D sec 20, T26N,R6W	3003926148	MV gas 12% oil 33% Gallup gas 55% oil 34%	DK gas 33% oil 33%
Sanchez A #2	SF-079302A	L sec 20, T26N,R6W	3003921968	MV gas 91% oil 34% Gallup gas 5% oil 33%	DK gas 4% oil 33%
Vaughn #12M	SF-079266	C sec 26, T26N,R6W	3003923922	MV gas 50% oil 30% Gallup gas 5% oil 45%	DK gas 45% oil 25%
Vaughn #14	SF-079266	K sec 27, T26N,R6W	3003920382	MV gas 65% oil 35% Gallup gas 5% oil 45%	DK gas 30% oil 20%
Vaughn #14M	SF-079266	D sec 26, T26N,R6W	3003923789	MV gas 75% oil 45% Gallup gas 5% oil 45%	DK gas 20% oil 10%
Vaughn #31	SF-079266	B sec 29, T26N,R6W	3003922264	MV gas 85% oil 45% Gallup gas 5% oil 45%	DK gas 10% oil 10%

Burlington Resources 7W Downhole Commingle Allocation Factors

Well Name	Lease	Location	API#	Formation Allocation	Formation Allocation
Burnt Mesa #2A	NM-2995	O sec 26, T32N,R7W	3003923412	MV/PC	
Harrington #9	SF-080511	J sec 31, T27N,R7W	3003925503	Chacra/Gallup/MV/DK	
Lively #21E	SF-080511	D sec 31, T27N,R7W	3003922670	Chacra/MV/DK	