



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
[http://nemnrd.state.nm.us/ocd/District II/3district.htm](http://nemnrd.state.nm.us/ocd/District%20II/3district.htm)

GARY E. JOHNSON  
GOVERNOR

Jennifer A. Salisbury  
CABINET SECRETARY

June 26, 1998

Kay Maddox  
10 Desta Dr Ste 100W  
Midland TX 79705-4500

Re: Ludwick LS #21M, C-31-30N-10W, API# 30-045-29565, DHC

Dear Ms. Maddox:

Your recommended allocation of commingled production for the referenced well is hereby accepted as follows:

	Gas	Oil
Blanco Mesaverde	77%	58%
Basin Dakota	23%	42%

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/mk

cc: Duane Spencer-BLM Farmington  
David Catanach-NMOCD Santa Fe  
well file

1 udkw 21M. dhc



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

June 4, 1998

Mr. Frank Chavez  
Oil Conservation Division  
1000 Rio Brazos Rd  
Aztec, New Mexico 87410

RECEIVED  
JUN 8 1998

RE: Allocation for Downhole Commingling  
Ludwick "LS" #21M  
API # 30-045-29565  
Lease # SF 078194  
Unit C, Section 31, T-30-N, R-10-W  
San Juan County, New Mexico  
DHC Order # 1915 Blanco Mesaverde (72319) & Basin Dakota (71599)

OIL CON. DIV.  
DIST. 3

Dear Mr. Chavez,

The Dakota was tested in this newly drilled well May 15, 1998. The Mesaverde was tested May 30, 1998. The Mesaverde & Dakota were commingled June 1, 1998. Conoco respectfully requests that production from this well be allocated as indicated below.

	MCFD	BOPD	BWPD	Gas%	Oil%
Mesaverde	2200	0	2	.77 .769	.58 .583
Dakota	660	1	1	.23	.42 .417
Total	2860	1	3		

From the 9 section offset data that was supplied with the original commingle application, the average condensate yield for Mesaverde is .0021 B/mcf and for Dakota it is .0050 B/mcf. Oil allocation is based on the average yield from offsets as follows.

	Offset B/mcf	Tst MCFD	Calculated BOPD	Calculated Oil%
Mesaverde	.0021	2200	4.62	.583
Dakota	.0050	660	<u>3.30</u>	.417
Total			7.92	



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If there are any further questions regarding this request please contact me @ (915) 686-5798. Thank you.

Sincerely yours,

Kay Maddox

KM/