



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

AZTEC DISTRICT OFFICE  
OIL CONSERVATION DIVISION  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410-1614  
(505) 334-6178 FAX: (505) 334-6170  
[http://nemnr.state.nm.us/ocd/District III/district.htm](http://nemnr.state.nm.us/ocd/District%20III/district.htm)

GARY E. JOHNSON  
GOVERNOR

Jennifer A. Salisbury  
CABINET SECRETARY

August 17, 1998

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

Re: Ludwick LS #16M, O-31-30N-10W, API 30-045-29566

Dear Ms. Maddox:

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

|                  | Gas | Oil |
|------------------|-----|-----|
| Blanco Mesaverde | 66% | 45% |
| Basin Dakota     | 34% | 55% |

Yours truly,

Ernie Busch  
District Geologist/Deputy O&G Inspector

EB/mk

cc: Jim Lovato BLM-Farmington  
David Catanach-NMOCD Santa Fe  
well file

LUDWICK 16M-DHC



Mid-Continent Region  
Exploration/Production

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

June 26, 1998

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

RECEIVED  
JUN 29 1998

OIL CON. DIV.  
DIST. 3

RE: Allocation For Downhole Commingling  
**Ludwick "LS" 16M**  
API # 30-045-29566  
Lease # SF 078194  
Unit O, Section 31, T-3-N, R-10-W  
San Juan County, New Mexico  
DHC Order # 1912 Blanco Mesaverde (72319) &  
Basin Dakota (71599)

Dear Mr. Chavez,

The Mesaverde was tested in this newly drilled well June 12, 1998. The Dakota was tested June 22, 1998. The Mesaverde and Dakota were commingled June 22, 1998. Conoco, Inc respectfully requests that production from this well be allocated as indicated by the test data below.

|           | MCFD | BOPD | BWPD | GAS% | OIL% |
|-----------|------|------|------|------|------|
| Mesaverde | 1056 | 2    | 1    | .662 | .452 |
| Dakota    | 538  | 1    | .5   | .338 | .548 |
| Total     | 1594 | 3    | 1.5  |      |      |

From the 9 Section offset data that was supplied with the original commingle application, (C107A) the average condensate yield for Mesaverde in .0021 B/MCF and for DK .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        | 1056     | 2.22            | .452             |
| Dakota    | .0050        | 538      | 2.69            | .548             |
| Total     |              |          | 4.91            |                  |

-2-

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

Sincerely yours,

Kay Maddox  
Regulatory Agent – Conoco, Inc.

KM/

---