



December 29, 1994

Attn:

Mr. William J. LeMay
NMOCD
PO Box 2088
Santa Fe, NM 87501

Mr. J. T. Sexton
NMOCD
PO Box 1980
Hobbs, NM 88240

**RE: Cooper Jal Unit Well #406, #407, #409, #414, and #419
Section 24, Township 24 South, Range 36 East
Lea County, New Mexico
Jalmat and Langlie Mattix Pools
Allocation of production**

Gentlemen:

Texaco Exploration and Production Inc. respectfully submits its allocation schedule for the Cooper Jal Unit wells #406, #407, #409, #414, and #419 to remain in compliance with Administrative Orders #DHC-1036, #DHC-1035, #DHC-1034, #DHC-1033, and #DHC-1032 respectively.

If you have any questions concerning the attached schedule please contact me at (505) 397-0426. Thank you for your cooperation concerning this matter.

Sincerely,

Darrell J. Carriger
Engineer Assistant

djc
Attachments

TEST DATA AND PROPOSED ALLOCATION SCHEDULE

| WELL NAME & NUMBER | OFFICIAL OPT TEST (both Jalmat & Langlie Matrix) | | | JALMAT TEST (Jalmat only) | | | CALCULATED LANGLIE MATRIX PRODUCTION (subtract Jalmat prod. from total prod.) | | | % ALLOCATED TO JALMAT (proposed) | | | % ALLOCATED TO LANGLIE MATRIX (proposed) | | |
|----------------------|---|-----|-------|------------------------------|-----|-------|--|-----|-------|-------------------------------------|-----|-----|---|-----|-----|
| | OIL | GAS | WATER | OIL | GAS | WATER | OIL | GAS | WATER | | | | | | |
| COOPER JAL UNIT #406 | 36 | 58 | 336 | 38 | 56 | 220 | 0 | 2 | 118 | 99% | 97% | 65% | 1% | 3% | 35% |
| COOPER JAL UNIT #407 | 20 | 39 | 365 | 95 | 69 | 113 | 0 | 0 | 252 | 99% | 99% | 31% | 1% | 1% | 69% |
| COOPER JAL UNIT #409 | 58 | 166 | 83 | 58 | 71 | 69 | 0 | 95 | 14 | 99% | 43% | 83% | 1% | 57% | 17% |
| COOPER JAL UNIT #414 | 55 | 105 | 240 | 52 | 54 | 321 | 3 | 51 | 0 | 95% | 51% | 99% | 5% | 49% | 1% |
| COOPER JAL UNIT #419 | 80 | 77 | 127 | 71 | 89 | 62 | 9 | 0 | 65 | 89% | 99% | 49% | 11% | 1% | 51% |

In the cases where total production < or = 0, 1% of production was allocated to the Langlie Matrix zone.
Oil/Water numbers are in Barrels/day and gas numbers are in MCF/day