



BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

October 10, 1979

Mr. Charles Verquer
Caulkins Oil Co.
Box 780
Farmington, New Mexico

Re: Downhole Commingle Order R-5922
Caulkins Oil Co.
Breach #812
N-18-26N-6W

Dear Mr. Verquer:

This shall confirm our agreement for the production split for the downhole commingled zones of the captioned well.

Mesaverde Zone = 48% of all gas produced
100% of all oil produced

Chacra Zone = 52% of all gas produced

If there are questions please contact us.

Yours very truly,

A. R. Kendrick
Supervisor, District #3

XC: OCD, Santa Fe, N.M.

Gas Company of New Mexico
Shell Pipeline Corporation.

ARK/bk

CAULKINS OIL CO.

Post Office Box 780
Farmington, New Mexico 87401
October 2, 1979

Mr. A. R. Kendrick
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico

Re: Downhole Commingled Production
Caulkins Oil Company
Breach # 812
N-18-26N-6W

Dear Mr. Kendrick:

Following are results of tests taken on Chacra and Mesa Verde Zones.

After all zone cleaned up Baker Model "D" Production Packer was set permanently in 7" casing @ 5416', then Baker Model "R" retrievable packer was run on 2 3/8" tubing to 4000', to separate Mesa Verde and Chacra Zones. 2 3/8" tubing extended below packer to 5200' for Mesa Verde Zone.

Zones were shut in September 6, 1979, for 7 days. Chacra Zone shut in pressure 995# and Mesa Verde shut in pressure 1060# after 7 days.

Chacra Zone opened first thru 3/4" choke. Rate of flow at end of 3 hrs. 906 MCFPD.

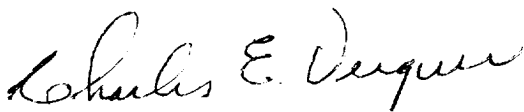
Mesa Verde Zone remained at 1060# throughout test on Chacra. Mesa Verde Zone opened thru 3/4" choke. Rate of flow at end of 3 hrs. 863 MCFPD.

Chacra pressure increased from 64# to 430# while Mesa Verde Zone flowing. Pressures indicate good separation.

We recommend breakdown for two Zones as follows:

Chacra Zone	52% of all gas produced.
Mesa Verde Zone	48% of all gas and all oil produced.

Yours very truly,



Charles E. Verquer
Supt., Caulkins Oil Company

