

CAULKINS OIL CO.

Post Office Box 780
Farmington, New Mexico 87401

September 29, 1980

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

Re: Downhole Commingled Production
Caulkins Oil Company
Breech D 346
Unit A Section 22 26N 6W

Dear Mr. Chavez:

Following are results of tests taken on Chacra and Mesa Verde zones before commingling well.

After all zones were fractured and cleaned up, 5 $\frac{1}{2}$ " Packer and Retrievable Bridge Plug were run in hole with Bridge Plug set below Mesa Verde perforations and Packer set above Mesa Verde perforations. Well was then shut in for 48 hours.

Mesa Verde Shut In Pressure	956#
Chacra Shut In Pressure	926#

Opened Mesa Verde to atmosphere for 3 hours. Gas gauged 291MCFPD with small show of oil.

Opened Chacra to atmosphere for 3 hours. Gas gauged 216MCFPD with no show of oil.

From results of above tests we recommend following breakdown for future production:

Chacra zone	42% of all Gas
Mesa Verde zone	58% of all Gas and 100% of all Oil.

Yours very truly,

Charles Verquer
Charles Verquer, Superintendent
Caulkins Oil Company



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