

**Mobil Oil Company**

A Division of Socony Mobil Oil Company, Inc.

April 19, 1963

RECEIVED

APR 22 1963

O. C. C.
ARTESIA, OFFICE

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. E. A. Utz

Re: BRAINARD UNIT NO. 1 (P.I.),
UNIT P, SECTION 11, T-18S,
R-26E, ATOKA PENN FIELD,
BACK PRESSURE TEST AND
ASSOCIATED DATA

Gentlemen:

In accordance with instructions set out in your letter of March 25, 1963, an attempt has been made to run a 4-point back pressure test on subject well because the GOR is now above the limits given (present GOR is 156,250/1).

The attached Form C-122 is submitted along with the back pressure curve and a copy of the field notes taken during the testing period. Because of severe freezing at the well head choke and because of the poor producing capabilities of the well after the pressure draws down, the 4-point test has doubtful value. The test data was discussed with Mr. R. L. Stamets of Artesia and he recommended that it be sent to the Commission regardless of its doubtful value.

The well was producing into a low pressure sales line of Phillips Petroleum Company during the test. As can be seen from the attached back pressure curve, only three points have been plotted and two of these are at essentially the same flow rate and pressure. The indicated absolute potential of 510 MCFPD is considered by Mobil to be reasonable. The well will flow at a sustained rate of 450 to 500 MCFPD with a well head pressure of 50-75 psi.

We respectfully request that the Commission accept the enclosed test to satisfy requirements of Commission Rule 401. If the Commission feels that another attempt should be made to test subject well, please advise.

Yours very truly,

Original Signed By

G. W. BARR
Glen W. Barr
Producing Superintendent

JDHill/mc
Attachments

cc: Mose Armstrong, NMOCG, Artesia ✓

COPY