

North American Producing Division
Permian District
Post Office Box 510
Midland, Texas 79701
Telephone 915 682 8631



New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attn: Mr. J. D. Ramey - Secretary Director

Re: Application for Administrative Approval
to Flare Gas
Sterling Com. No. 1
Unit Letter F, Section 7, T-18S, R-27E
Eddy County, New Mexico

Gentlemen:

Atlantic Richfield Company respectfully requests Administrative approval to flare gas from its No. 1 Sterling Com. well located in Section 7, Township 18 South, Range 27 East as shown on the attached plat. The well was completed in the Morrow during July 1975 for a calculated absolute open flow of 377 MCFPD. A 73-hour shut in bottom hole pressure was 684 psi at midpoint of casing perforations. The well is shut in.

The completed Morrow interval in our well correlates with the offsetting wells which are producing about 2.0 MMCFPD per well into a pipeline of 600 psi pressure. Therefore, to protect our correlative rights and to prevent waste, we propose to flare our well for a week to allow it to stabilize, then run Worth Well's "Horizontal spinner" to determine the perforations that are giving up gas. This will aid in evaluating possible recompletion to increase the flow rate and pressure. Our estimated volume to flare during one-week period will be 2100 MCF.

Please advise if additional information is needed.

Very truly yours,

J. L. Tweed

J. L. Tweed
District Engineer

IJN/agp

cc: Mr. W. A. Gressett, Supervisor and
Oil and Gas Inspector
New Mexico Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico

RECEIVED

JUN 1976

O. C. C.
ARTESIA, OFFICE