

Mid-Continent Region
Production United States



**Marathon
Oil Company**

P.O. Box 552
Midland, Texas 79702
Telephone 915/682-1626

May 24, 1991

RECEIVED

MAY 29 1991

D. C. G.
ARTESIA OFFICE

Mr. Mike Williams
Supervisor and Oil and Gas Inspector
Artesia NMOCD Office
P. O. Drawer DD
Artesia, New Mexico 88210

RE: Step Rate and Injectivity Tests
Johnson "B" Federal A/C 1 No. 10
Marathon-Shugart "B" No. 1
Tamano (Bone Spring) Field
Section 11, T-18-S, R-31-E
Eddy County, New Mexico

Dear Mr. Williams,

Per our recent conversation regarding step rate and injectivity testing in the Tamano (Bone Spring) Field, please find attached workover procedures for the two referenced wells and a map showing the area of interest.

Your approval is requested to perform step rate tests on the Johnson "B" Federal A/C 1 No. 10 and the Marathon-Shugart "B" No. 1. In addition, approval is requested to perform a 21 day injectivity test on the latter well. Our plan would be to continuously inject water supplied by the Double Eagle Fresh Water System into the subject well at surface pressures which will not exceed the 0.2 psi/ft. convention.

Marathon would like to commence the step rate and injectivity test as early as Tuesday, May 28, 1991. Therefore, your timely consideration of this request will be greatly appreciated. Please feel free to contact me should you have any questions or concerns.

Sincerely yours,

Thomas W. Wesling
Operations Engineer

TWW/290.274/sk