



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

December 23, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract 3467, Well No. 002
Lea County, New Mexico

New Mexico Department of Energy and Minerals (3)
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Division Director

Gentlemen:

We respectfully request administrative approval of expansion of water-flood injection well pattern, as provided by Order No. R-5897, Rule No. 9, for the East Vacuum Unit pressure maintenance project, to convert the East Vacuum Grayburg-San Andres Unit, Tract 3467, Well No. 002, to water injection service. The following data is submitted in support of this request:

1. Unit plat reflecting the proposed injection well and injection well project area. (Tract 3467, No. 002--Unit H, 34, 17-S, 35-E).
2. Compensated Neutron Log of the injection well.
3. Diagrammatic sketch of the proposed well, injection tubing, packer, pressure control elements, and identifying the San Andres perforated injection interval.
4. The name of the injection formation is San Andres with injection to be into the respective well interval 4588' to 4690'. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforations with a maximum daily volume anticipated at 2500 barrels.

A copy of waiver request letter dated December 23, 1980, is attached. Chevron U.S.A., Inc. is to furnish a waiver to your attention.

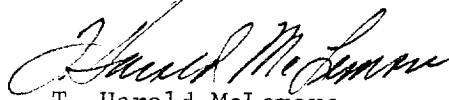
An updated status report of Order No. R-5897, Exhibit-C wells was submitted under date of November 26, 1980.

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December 23, 1980

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Your consideration and early advice will be appreciated.

Very truly yours,



T. Harold McLemore
Regulation & Proration Supervisor

CAS:js
Attachments

cc: ~~Oil~~ Conservation Division
Hobbs, New Mexico
(Attachments w/o Compensated Neutron Logs)

Chevron U.S.A., Inc.
Attn: Mr. E. E. Hagan
P. O. Box 1660
Midland, Texas 79702

PHILLIPS PETROLEUM COMPANY

EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

N. M. O. C. D. R-5897

VACUUM GRAYBURG — SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 3467 WELL 002

CONVERSION TO WATER INJECTION STATUS

