

APPLICATION OF PHILLIPS PETROLEUM COMPANY
TO EXPAND ITS (PRESSURE MAINTENANCE) PROJECT
IN THE VACUUM POOL IN LEA COUNTY, NEW MEXICO

ORDER PMX NO. 101

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. R-5897, Phillips Petroleum Company has made application to the Division on February 19, 1981, for permission to expand its East Vacuum Grayburg-San Andres Unit Pressure Maintenance Project in the Vacuum Pool in Lea County, New Mexico.

NOW, on this 25th day of February, 1981, the Division Director finds:

1. That application has been filed in due form.
2. There are no offset operators to the proposed well.
3. That the proposed injection well is eligible for conversion to water injection under the terms of Order No. R-5897.
4. That the proposed expansion of the above referenced pressure maintenance project will not cause waste nor impair correlative rights.
5. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Phillips Petroleum Company, be and the same is hereby authorized to inject water into the San Andres formation through plastic-lined tubing set in a packer at approximately 4300 feet in the following described well for purposes of pressure maintenance to wit:

East Vacuum Grayburg San Andres Unit Tract 2963 Well No. 005
located in Unit M of Section 29, Township 17 South, Range
35 East, Lea County, New Mexico (perforations approximately
4380 feet to 4520 feet).

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure to a maximum of 876 pounds per square inch; provided however that the Division Directory may administratively authorize a pressure limitation in excess of the above upon the operator's establishing that such higher pressure will not result in fracturing of the confining strata.

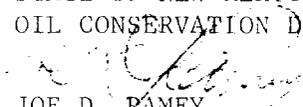
That the operator shall notify the supervisor of the Division's Hobbs District Office before injection is commenced through said well.

That the operator shall immediately notify the Supervisor of the Division's Hobbs District Office of the failure of the tubing, casing, or packer in said well or the leakage of water from or around said well and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject well shall be governed by all provisions of Division Order No. R-5897 not inconsistent herewith.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Division Director

SEAL