

APPLICATION OF PHILLIPS
PETROLEUM COMPANY TO EXPAND
ITS PRESSURE MAINTENANCE PROJECT
IN THE VACUUM GRAYBURG-SAN ANDRES
POOL IN LEA COUNTY, NEW MEXICO.

ORDER PMX NO. 80

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Order No. 5897, Phillips Petroleum Company has made application to the Division on March 24, 1980, for permission to expand its East Vacuum Grayburg-San Andres Unit Pressure Maintenance Project in the Vacuum Grayburg San Andres Pool in Lea County, New Mexico.

NOW, on this 28th day of March, 1980, the Division Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That the proposed injection well is eligible for conversion to water injection under the terms of Order No. 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 formations through plastic-lined tubing set in a packer at approximately 4590 feet in the following described well for purposes of pressure maintenance, to wit:

East Vacuum Unit, Tract 2059, Well No. 003 in Unit F of Section 20, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico, and through plastic-lined tubing set in a packer at 4560 for purposes of pressure maintenance, to wit:

East Vacuum Unit, Tract 2944 Well No. 001 in Unit B of Section 29, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico, and through plastic lined tubing set in a packer at 4500 feet for purposes of pressure maintenance, to wit:

East Vacuum Unit Tract 2230, Well No. 003 in Unit N of Section 22, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico, and through plastic-lined tubing set in a packer at 4500 feet for purposes of pressure maintenance, to wit:

East Vacuum Unit, Tract 2864, Well No. 002 in Unit C of Section 28, Township 17 South, Range 35 East, NMPM, Lea County, New Mexico and through plastic lined tubing set in a packer at 4590 feet for purposes of pressure maintenance, to wit:

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East Vacuum Unit, Tract 1910, Well No. 003 in Unit
J of Section 19, Township 17 South, Range 35 East, Lea County.

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.

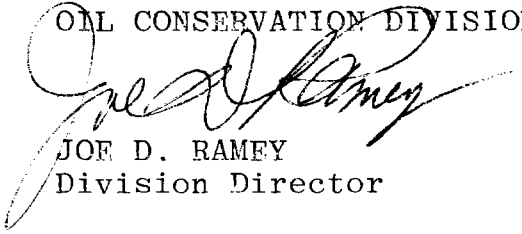
That the injection well or system shall be equipped with a pop-off valve or device which will limit the wellhead pressure to a maximum of 920 pounds per square inch; provided however that the Division Director may administratively authorize a pressure limitation in excess of the above upon the operator's establishing that such higher pressure will not result in fracturing of 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.

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