

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

ORDER No. PMX-122

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 January 26, 1983, for permission to expand its East Vacuum Grayburg-San Andres Pressure Maintenance Project in the East Vacuum Grayburg-San Andres Pool in Lea County, New Mexico.

NOW, on this 26th day of January, 1983, 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 no objection has been received within the waiting period as prescribed by Rule 701 B.
4. That the proposed injection well is eligible for water injection under the terms of Rule 701.
5. That the proposed expansion of the above referenced pressure maintenance project will not cause waste nor impair correlative rights.
6. 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 San Andres formation through plastic-lined tubing set in a packer at within approximately 100 feet of the upper most perforations in the following described well for purposes of pressure maintenance to wit:

East Vacuum Grayburg-San Andres Unit Tract No. 2622  
Well No. 007, 50' FNL and 200' FWL, Sec. 26, T-17-S,  
R-35-E, NMPM, Lea County

East Vacuum Grayburg-San Andres Unit Tract No. 2720  
Well No. 008, 50' FNL and 2500' FEL, Sec. 27, T-17-S,  
R-35-E, NMPM, Lea County

East Vacuum Grayburg-San Andres Unit Tract No. 3202  
Well No. 010, 50' FEL and 1200' FNL, Sec. 32, T-17-S,  
R-35-E, NMPM, 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 (in each well) 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 wells or system shall be equipped with a pressure limiting device which will limit the wellhead pressure to a maximum of 1350 pounds per square inch. This is based on evidence submitted in your January 3, 1983, letter requesting a pressure increase for injection wells affected by Order No. R-5897. 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 the confining strata.

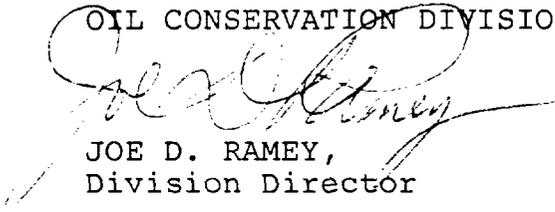
That the operator shall notify the supervisor of the Division's Hobbs District Office before injection is commenced through said wells.

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 wells or the leakage of water from or around said wells and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject wells shall be governed by all provisions of Division Order No. R-5897 and Rules 702, 703, 704, 705, and 706 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

S E A L