



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR

LARRY KEHOE
SECRETARY

October 5, 1981

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762

Re: Administrative Order No. PMX-112

Gentlemen:

Enclosed herewith please find Administrative Order No. PMX-122 in the East Vacuum Grayburg-San Andres Pool in Lea County, New Mexico.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Joe D. Ramey", written over a horizontal line.

JOE D. RAMEY
Division Director

JDR/OS/og

cc: Oil Conservation Division
Box 1980
Lea County, New Mexico

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-112

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 July 2, 1981, for permission to expand its Vacuum Grayburg-San Andres Unit Pressure Maintenance Project in the Vacuum Grayburg-San Andres Pool in Lea County, New Mexico.

NOW, on this 5th day of October, 1981, 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 Order No. R-5897.
4. That the proposed injection well is eligible for conversion to water injection under the terms of Order No. R-5897.
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 the Grayburg-San Andres formations through plastic-lined tubing set in a packer at approximately 4540 feet in the following described well for purposes of pressure maintenance to wit:

East Vacuum Grayburg-San Andres Unit Well No. 003,
Tract 2054, Unit M, Section 20, Township 17 South,
Range 35 East, NMPM, Lea County, New Mexico.

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 the 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 well shall be equipped with a pressure limiting 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 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

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