

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 8247
Order No. R-7608

APPLICATION OF CHARLES B. GILLESPIE, JR.
FOR SALT WATER DISPOSAL, LEA COUNTY,
NEW MEXICO

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on July 25, 1984, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 7th day of August, 1984, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Charles B. Gillespie, Jr., is the owner and operator of the State "D" Well No. 3, located 3,000 feet from the South line and 330 feet from the West line of Section 1, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico.

(3) That Division Administrative Order SWD-94, dated December 31, 1968, authorized the applicant to dispose of produced salt water into the San Andres formation through said well, with injection into the perforated interval from approximately 6010 feet to approximately 6040 feet.

(4) That the applicant now proposes to squeeze off with cement the existing perforations at 6010 feet to 6040 feet and to continue to utilize said well as a produced salt water disposal well be recompleting said well to the Wolfcamp formation of the Townsend-Permo Upper Pennsylvanian Pool with injection into the perforated interval from approximately 10,546 feet to 10,598 feet.

(5) That the injection should be accomplished through 2 3/8-inch plastic lined tubing installed in a packer set at approximately 10,500 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge or approved leak detection device should be attached to the annulus in order to determine leakage in the casing, tubing, or packer.

(6) That the injection well or system should be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 2110 psi.

(7) That the Director of the Division should be authorized to administratively approve an increase in the injection pressure upon a proper showing by the operator that such higher pressure will not result in migration of the injected waters from the Wolfcamp formation.

(8) That the operator should notify the supervisor of the Hobbs district office of the Division of the date and time of the recompletion of said well and the installation of disposal equipment so that the same may be inspected.

(9) That the operator should 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.

(10) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

(11) That said Division Administrative Order SWD-94 should be rescinded.

IT IS THEREFORE ORDERED:

(1) That the applicant, Charles B. Gillespie, Jr., is hereby authorized to utilize its State "D" Well No. 3, located 3,000 feet from the South line and 330 feet from the West line of Section 1, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico, to dispose of produced salt water into the Wolfcamp formation of the Townsend-Permo Upper Pennsylvanian Pool, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 10,500 feet, with injection into the perforated interval from approximately 10,546 feet to 10,598 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the existing San Andres perforations from approximately 6010 feet to 6040 feet shall be squeezed; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus or the annulus shall be equipped with an approved leak detection device in order to determine leakage in the casing, tubing, or packer.

(2) That the injection well or system shall be equipped with a pressure limiting switch or other acceptable device which will limit the wellhead pressure on the injection well to no more than 2110 psi.

(3) That the Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Wolfcamp formation.

(4) That the operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the recompletion of said well and the installation of disposal equipment so that the same may be inspected.

(5) 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 and necessary to correct such failure or leakage.

(6) That the applicant shall conduct disposal operations and submit monthly reports in accordance with Rules 702, 703, 704, 705, 706, 708, and 1120 of the Division Rules and Regulations.

(7) That Division Administrative Order SWD-94, dated December 31, 1968, is hereby rescinded.

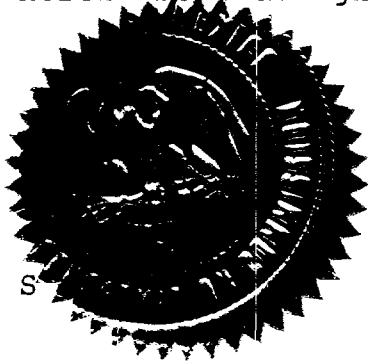
(8) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Joe D. Ramey
JOE D. RAMEY,
Director