

Entered July 30, 1979  
JLR

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. 6548  
Order No. R-6058

APPLICATION OF JOHN F. STAVER  
FOR SALT WATER DISPOSAL, SAN  
JUAN COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on June 27, 1979, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 30th day of July, 1979, 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, John F. Staver, is the owner and operator of the Table Mesa Well No. 22 in Unit N and the Table Mesa Well No. 23 in Unit O, both located in Section 34, Township 28 North, Range 17 West, NMPM, Table Mesa-Dakota Oil Pool, San Juan County, New Mexico.

(3) That the applicant proposes to utilize said wells to dispose of produced Dakota water into the Dakota formation, with injection into the open hole interval from approximately 1410 feet to 1412 feet in the Table Mesa Well No. 22 and in the perforated and open hole interval from 1394 feet to 1402 feet in the Table Mesa Well No. 23.

(4) That the injection into each of said wells should be accomplished through 2 7/8-inch tubing installed in a packer set at approximately 1365 feet in the No. 22 well and 1352 feet in the No. 23 well; that the casing-tubing annulus in each well should be filled with an inert fluid; and that a pressure gauge or approved leak detection device should be

-2-

Case No. 6548  
Order No. R-6058

attached to each annulus in order to determine leakage in the casing, tubing, or packer.

(5) That the injection wells or system should be equipped with a pressure limiting device or acceptable substitute which will limit the wellhead pressure on the injection well to no more than 275 psi.

(6) That the operator should notify the supervisor of the Aztec district office of the Division of the date and time of the installation of disposal equipment so that the same may be inspected.

(7) 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.

(8) That no injection into the subject wells should occur until applicant's Well No. 3-18 located in Unit F of Section 3, Township 27 North, Range 17 West, NMPM, has been reentered and a cement plug set across the Dakota formation in said well, from approximately 1360 feet to approximately 1560 feet.

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

IT IS THEREFORE ORDERED:

(1) That the applicant, John F. Staver, is hereby authorized to utilize his Table Mesa Well No. 22 in Unit N and his Table Mesa Well No. 23 in Unit O, both in Section 34, Township 28 North, Range 17 West, NMPM, Table Mesa-Dakota Oil Pool, San Juan County, New Mexico, to dispose of water produced from the Dakota formation back into the Dakota formation, injection to be accomplished through 2 7/8-inch tubing installed in packers set at approximately 1365 feet and 1352 feet, respectively, with injection into the open hole interval from approximately 1410 feet to 1412 feet in his Table Mesa Well No. 22 and in the perforated and open hole interval from 1394 feet to 1402 feet in his Table Mesa Well No. 23;

PROVIDED HOWEVER, that the casing-tubing annulus in each well shall be filled with an inert fluid; and that a pressure gauge shall be attached to such annulus or the annulus shall be equipped with an approved leak detection device in order to determine leakage in the casing, tubing, or packer.

-3-

Case No. 6548  
Order No. R-6058

(2) That the injection wells or system shall be equipped with a pressure limiting device or acceptable substitute which will limit the wellhead pressure on the injection well to no more than 275 psi.

(3) That the operator shall notify the supervisor of the Aztec district office of the Division of the date and time of the installation of disposal equipment so that the same may be inspected.

(4) That the operator shall immediately notify the supervisor of the Division's Aztec 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 and necessary to correct such failure or leakage.

(5) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Division Rules and Regulations.

PROVIDED FURTHER, that no injection into the aforesaid wells shall occur until after applicant's Well No. 3-18 located in Unit F of Section 3, Township 27 North, Range 17 West, NMPM, has been reentered and a cement plug has been set across the Dakota formation in said well, from approximately 1360 feet to approximately 1560 feet.

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

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY  
Director

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