

(5) That calculations indicate that from 3.5 million to 7 million barrels of water could be injected into said State S-19 Well No. 2 before injected water could migrate out of zone through either of the inadequately plugged wells noted in Finding No. (4) above.

(6) That to provide for a margin for error in such calculations injection approval should be initially limited to a volume of one million barrels.

(7) That the injection pressure should be accomplished through 2 3/8-inch plastic lined tubing installed in a packer set at approximately 2150 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.

(8) 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 441 psi.

(9) That the Director of the Division should be authorized to administratively approve an increase in the injection pressure or the limiting injection volume upon a proper showing by the operator that such increase will not result in migration of the injected waters from the Seven Rivers-Queen-Grayburg-San Andres formations through the plugged and abandoned wells shown in Finding No. (4) above or in any other manner.

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

(11) 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.

(12) 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, Conoco, Inc., is hereby authorized to utilize its State S-19 Well No. 2, located in