

Entered May 3, 1982
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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. 7506
Order No. R-6965

APPLICATION OF GETTY OIL COMPANY FOR
SALT WATER DISPOSAL, LEA COUNTY,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on March 16, 1982, at Santa Fe, New Mexico, before Examiner Richard L Stamets.

NOW, on this 3rd day of May, 1982, 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, Getty Oil Company, is the owner and operator of the State "P" Well No. 1, located in Unit P of Section 32, Township 16 South, Range 37 East, NMPM, Lovington-Abo Pool, Lea County, New Mexico.

(3) That the applicant proposes to utilize said well to dispose of produced salt water into the Abo formation, with injection into the perforated interval from approximately 8900 feet to 9300 feet.

(4) That the Getty Oil Company H. L. Batton Well No. 1 in Unit B of Section 5 and the Getty Oil Company State "U" Well No. 1 in Unit D of Section 4, both in Township 17 South, Range 37 East, NMPM, Lea County, New Mexico, are located within one-half mile of said State "P" Well No. 1 and penetrate the Abo formation.

(5) That said H. L. Batton Well No. 1 and State "U" Well No. 1 may not be adequately cemented through the Abo formation and could allow the migration of disposed water from the

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disposal interval to shallower formations or to fresh water aquifers if injection is permitted in said State "P" Well No. 1.

(6) That no disposal of salt water should be permitted into said State "P" Well No. 1 until both the H. L. Batton Well No. 1 and State "U" Well No. 1 have either been cemented or shown to have adequate cement across and above the Abo formation in accordance with a program to be approved by the supervisor of the Division's district office at Hobbs.

(7) That the injection should be accomplished through 3 1/2-inch plastic lined tubing installed in a packer set at approximately 8820 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 1780 psi.

(9) 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 the fracturing of the confining strata.

(10) That the operator should notify the supervisor of the Hobbs 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, Getty Oil Company, is hereby authorized to utilize its State "P" Well No. 1, located in Unit P of Section 32, Township 16 South, Range 37 East, NMPM, Lovington-Abo Pool, Lea County, New Mexico, to dispose of produced salt water into the Abo formation, injection to be accomplished through 3 1/2-inch tubing installed in a packer set

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at approximately 8820 feet, with injection into the perforated interval from approximately 8900 feet to 9300 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined; 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.

PROVIDED FURTHER, that no injection of salt water shall take place in said State "P" Well No. 1 until the Getty Oil Company H. L. Batton Well No. 1 in Unit B of Section 5 and the Getty Oil Company State "U" Well No. 1 in Unit D of Section 4, both in Township 17 South, Range 37 East, NMPM, Lea County, New Mexico, have either been cemented or shown to have adequate cement across and above the Abo formation in a manner prescribed by the supervisor of the Division's district office at Hobbs.

(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 1780 psi.

(3) 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 the fracturing of the confining strata.

(4) That the operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of 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.

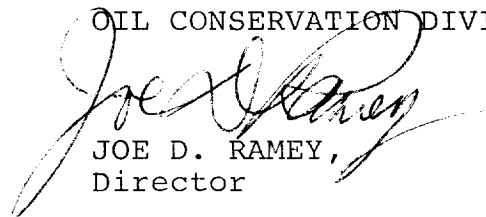
(6) That the applicant shall submit monthly reports of its disposal operations in accordance with, and shall comply with, all provisions of Rules 702, 703, 704, 705, 706, 708, and 1120 of the Division Rules and Regulations.

(7) 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,
Director

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