

TITLE 19 NATURAL RESOURCES AND WILDLIFE
CHAPTER 15 OIL AND GAS
PART 2 GENERAL PROVISIONS FOR OIL AND GAS OPERATIONS

19.15.2.7 DEFINITIONS: These definitions apply to 19.15.2 NMAC through 19.15.39 NMAC.
P. Definitions beginning with the letter “P”.
(10) “Produced water” means ~~[water]~~ a fluid that is an incidental byproduct from drilling for or the production of oil and gas.

TITLE 19 NATURAL RESOURCES AND WILDLIFE
CHAPTER 15 OIL AND GAS
PART 16 DRILLING AND PRODUCTION

19.15.16.21 WATER USE REPORT:

A. For a hydraulically fractured well, an operator shall report, on form C-103 or C-105, the amount of water reported on the disclosure required by Subsection B of 19.15.16.19 NMAC and the breakdown of that amount by:

- (1) produced water;
- (2) water other than produced water that has 10,000 or more mg/l TDS;
- (3) water other than produced water that has more than 1,000 mg/l TDS but less than 10,000 mg/l TDS; and
- (4) water other than produced water that has less than 1,000 mg/l TDS.

B. All such reports shall be compiled and reported monthly on the division section of the department website.

TITLE 19 NATURAL RESOURCES AND WILDLIFE
CHAPTER 15 OIL AND GAS
PART 34 PRODUCED WATER, DRILLING FLUIDS AND LIQUID OIL FIELD WASTE

19.15.34.2 SCOPE: 19.15.34 NMAC applies to the transportation, disposal, recycling, re-use or the direct surface or subsurface disposition ~~[by use]~~ of produced water ~~[produced or used]~~ in connection with the development or production of oil or gas or both ~~[; in road construction or maintenance, or other construction; in the generation of electricity or in other industrial processes]~~. 19.15.34 NMAC also applies to the transportation of drilling fluids and liquid oil field waste. 19.15.34 NMAC does not authorize any transportation, disposal, recycling, re-use or disposition of produced water that is not directly within the jurisdiction of the division.

19.15.34.3 STATUTORY AUTHORITY: 19.15.34 NMAC is adopted pursuant to the Oil and Gas Act, Paragraph (15) of Subsection B of Section [70-2-12(B)] 70-2-12 NMSA 1978, which authorizes the division to regulate the disposition, handling, transport, storage, recycling, treatment and disposal of produced water during, or for reuse in, the exploration, drilling, production, treatment or refinement of oil or gas in a manner that protects public health, the environment and fresh water resources ~~[of water produced or used in connection with the drilling for or producing of oil and gas or both]~~ and Paragraph (21) of Subsection B of Section [70-2-12(B)] 70-2-12 NMSA 1978 which authorizes the regulation of the disposition of nondomestic wastes from the exploration, development, production or storage of crude oil or natural gas.

19.15.34.6 OBJECTIVE: To encourage the recycling ~~[;]~~ or re-use ~~[or disposition]~~ of produced water ~~[by use]~~ in a manner that ~~[will afford reasonable protection against contamination of fresh water]~~

protects public health, the environment and fresh water resources and establish procedures by which persons may transport, recycle, reuse and dispose of produced water, drilling fluids and other liquid oil field waste in activities within the jurisdiction of the division.

19.15.34.7 DEFINITIONS: These definitions apply to 19.15.34.2 NMAC through 19.15.34.21 NMAC. See 19.15.2.7 NMAC for additional definitions.

A. “Recycling facility” is a stationary or portable facility used exclusively for the treatment, re-use or recycling of produced water ~~[intended for disposition by use]~~. A recycling facility does not include oilfield equipment such as separators, heater treaters and scrubbers in which produced water may be used.

19.15.34.8 REQUIREMENTS FOR ~~[DISPOSITION BY USE]~~ REUSE, RECYCLING ~~[FACILITIES]~~ OR DISPOSAL OF PRODUCED WATER:

A. Recycling or ~~[disposition by use]~~ reuse of produced water.

(1) No permit or registration is required from the division for the ~~[disposition by use]~~ reuse of produced water for drilling, completion, production, pressure maintenance, secondary recovery ~~[- secondary]~~ or enhanced recovery ~~[- pressure maintenance]~~ of oil or natural gas or plugging of wells pursuant to 19.15.34 NMAC.

(2) Any other ~~[disposition by use]~~ reuse of produced water within the jurisdiction of the division requires prior approval by the ~~[appropriate division district office]~~ division on form C-147. Approval requirements will be determined by the division ~~[district office]~~ based upon the proposed use.

(3) Research using produced water is to be encouraged through pilot projects approved by the ~~[appropriate]~~ division ~~[district office]~~.

(4) All produced water for recycling or ~~[disposition by use]~~ reuse shall be handled and stored in a manner that ~~[will afford reasonable protection against contamination of fresh water]~~ protects public health, the environment and fresh water resources.

(5) All operations in which produced water is used shall be conducted in a manner consistent with hydrogen sulfide gas provisions in 19.15.11 NMAC or NORM provisions in 19.15.35 NMAC, as applicable.

(6) All releases from the recycling and re-use of produced water within the jurisdiction of the division shall be handled in accordance with 19.15.29 NMAC. If the release is detrimental to ground or surface waters, the responsible party must send a copy of the form C-141 to the New Mexico environment department, as applicable, in accordance with 19.15.29 NMAC.

(7) Any release, discharge, handling, transport, storage, recycling or treatment for the disposition of treated produced water, including disposition in road construction maintenance, roadway ice or dust control or other construction, or in the application of treated produced water to land, for activities unrelated to the exploration, drilling, production, treatment or refinement of oil or gas is subject to rules adopted by the water quality control commission pursuant to the Water Quality Act.

(8) Surface application of produced water or recycled produced water is prohibited on any facility within the jurisdiction of the division.

B. Disposal of produced water. Persons disposing of produced water shall use one of the following disposition methods:

(1) ~~[disposition in a manner that does not constitute a hazard to fresh water, public health, or the environment;]~~ delivery to a ~~[permitted salt]~~ produced water disposal well ~~[or facility]~~ permitted pursuant to 19.15.26 NMAC, a surface waste management facility permitted pursuant to 19.15.36 NMAC or a permanent pit permitted pursuant to 19.15.17 NMAC; [or to a drill site for use in drilling fluid; or]

(2) [use] recycling or reuse in accordance with 19.15.34 NMAC; or ~~[other authorization from the division.]~~

(3) for uses regulated by the water quality control commission pursuant to the Water Quality Act, a person shall obtain a permit from the New Mexico environment department before using the produced water, recycled or treated water or treated product or any byproduct of the produced water.

19.15.34.9 RECYCLING FACILITIES:

B. In addition to the other applicable rule requirements, registration of a recycling facility is required in the following circumstances:

(3) when the recycling facility is an addition to a ~~[salt]~~ produced water disposal well permitted under 19.15.26 NMAC;

19.15.34.13 OPERATIONAL REQUIREMENTS FOR RECYCLING CONTAINMENTS:

C. A recycling containment shall be deemed to have ceased operations if less than ~~[20%]~~ twenty percent of the total fluid capacity is used every six months following the first withdrawal of produced water for use. The operator must report cessation of operations to the ~~[appropriate]~~ division ~~[district office]~~. The ~~[appropriate]~~ division ~~[district office]~~ may grant an extension to this determination of cessation of operations not to exceed six months.

19.15.34.14 CLOSURE AND SITE RECLAMATION REQUIREMENTS FOR RECYCLING CONTAINMENTS:

F. Reclamation of all disturbed areas no longer in use shall be considered complete when all ground surface disturbing activities at the site have been completed, and a uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent ~~[50%]~~ of pre-disturbance levels and a total percent plant cover of at least seventy percent ~~[70%]~~ of pre-disturbance levels, excluding noxious weeds.

19.15.34.18 DENIAL OF FORM C-133: The division may deny approval of a form C-133 if:

D. the applicant or officer, director or partner in the applicant, or a person with an interest in the applicant exceeding twenty-five percent ~~[25%]~~, is or was within the past five years an officer, director or partner in the applicant, or a person with an interest in the applicant exceeding twenty-five percent ~~[25%]~~ in another entity that possesses or has possessed an approved form C-133 that has been cancelled or suspended, has a history of violating division or other state or federal environmental laws; is subject to a commission or division order, issued after notice and hearing, finding such entity to be in violation of an order requiring corrective action; or has a penalty assessment for violation of division or commission rules or orders that is unpaid more than 70 days after issuance of the order assessing the penalty.