

**TITLE 19        NATURAL RESOURCES AND WILDLIFE**  
**CHAPTER 15    OIL AND GAS**  
**PART 12       POOLS**

**19.15.12.1       ISSUING AGENCY:** Energy, Minerals and Natural Resources Department, Oil Conservation Division.  
[19.15.12.1 NMAC - N, 12/1/08]

**19.15.12.2       SCOPE:** 19.15.12 NMAC applies to persons engaged in oil and gas development and production within New Mexico.  
[19.15.12.2 NMAC - N, 12/1/08]

**19.15.12.3       STATUTORY AUTHORITY:** 19.15.12 NMAC is adopted pursuant to the Oil and Gas Act, NMSA 1978, Section 70-2-6, Section 70-2-11, Section 70-2-12, Section 70-2-16 and Section 70-2-17.  
[19.15.12.3 NMAC - N, 12/1/08]

**19.15.12.4       DURATION:** Permanent.  
[19.15.12.4 NMAC - N, 12/1/08]

**19.15.12.5       EFFECTIVE DATE:** December 1, 2008, unless a later date is cited at the end of a section.  
[19.15.12.5 NMAC - N, 12/1/08]

**19.15.12.6       OBJECTIVE:** To regulate oil and gas operations that involve commingling of oil or gas from different pools or leases, in order to prevent waste and protect correlative rights.  
[19.15.12.6 NMAC - N, 12/1/08]

**19.15.12.7       DEFINITIONS:**

**A.** "Diverse ownership" means leases or pools have different working, royalty or overriding royalty interest owners or different ownership percentages of the same working, royalty or overriding royalty interest owners.

**B.** "Identical ownership" means leases or pools have the same working, royalty and overriding royalty owners in exactly the same percentages.

**C.** "Lease" means a contiguous geographical area of identical ownership overlying a pool or portion of a pool. An area pooled, unitized or communitized, either by agreement or by division order, or a participating area shall constitute a lease. If there is diversity of ownership between different pools, or between different zones or strata, then each such pool, zone or stratum having diverse ownership shall be considered a separate lease.

[19.15.12.7 NMAC - Rp, 19.15.5.303 NMAC, 12/1/08]

**19.15.12.8       CLASSIFYING AND DEFINING POOLS:** The division shall determine whether a particular well or pool is a gas or oil well, or a gas or oil pool, and from time to time classify and reclassify wells and name pools accordingly, and shall determine the limits of a pool or pools producing oil or gas and from time to time re-determine such limits.  
[19.15.12.8 NMAC - Rp, 19.15.1.15 NMAC, 12/1/08]

**19.15.12.9       SEGREGATION OF PRODUCTION FROM DIFFERENT POOLS OR LEASES:**

**A.** Pool segregation required. An operator shall produce each pool as a single common source of supply and complete, case, maintain and operate wells in the pool so as to prevent communication within the well bore with other pools. An operator shall at all times segregate oil or gas produced from each pool. The combination commingling of production, before marketing, with production from other pools without division approval is prohibited.

**B.** Lease segregation required. An operator shall not transport oil or gas from a lease until it has been accurately measured or determined by other methods acceptable to the division. An operator shall at all times segregate production from each lease. The combination or commingling of production, before marketing, with production from other leases without division approval is prohibited.

**C.** Exceptions. The division may permit exceptions to Subsections A and B of 19.15.12.9 NMAC for surface commingling, downhole commingling and off-lease storage or measurement pursuant to 19.15.12.10 NMAC, 19.15.12.11 NMAC and 19.15.12.12 NMAC, respectively. Exceptions granted by previous division orders remain in effect in accordance with their terms and conditions.  
[19.15.12.9 NMAC - Rp, 19.15.5.303 NMAC, 12/1/08]

**19.15.12.10       SURFACE COMMINGLING - OIL, GAS OR OIL AND GAS:**

**A.** To prevent waste, to promote conservation and to protect correlative rights, the division may grant exceptions to permit the surface commingling of oil or gas in common facilities from two or more pools, two or more leases or combinations of pools and leases provided that:

- (1) the division shall approve the method the applicant uses to allocate the production to the various leases or pools to be commingled;
- (2) if state, federal or tribal lands are involved, the operator has notified the state land office or BLM, as applicable, of the proposed

commingling; and

(3) the operator has met the other applicable requirements in 19.15.12.10 NMAC.

**B.** Specific requirements and provisions for commingling of leases, pools or leases and pools with identical ownership.

(1) Measurement and allocation methods.

(a) Well test method. If all wells or units to be commingled are marginal and are physically incapable of producing the top proration unit allowable for their respective pools, or if all affected pools are unprorated, the division shall permit commingling without separately measuring the production from each pool or lease. Instead, the operator may determine the production from each well and from each pool or lease from well tests conducted periodically, but no less than annually. The well test method shall not apply to wells or units that can produce an amount of oil equal to the top proration unit allowable for the pool but are restricted because of high gas-oil ratios. The operator of a marginal commingling installation shall notify the division any time a well or unit commingled under 19.15.12.10 NMAC becomes capable of producing the top proration unit allowable for its pool, at which time the division shall require separate measurement.

(b) Metering method. The operator may determine production from each pool or lease by separately metering before commingling.

(c) Subtraction method. If production from all except one of the pools or leases to be commingled is separately measured, the operator may determine the production from the remaining pool or lease by the subtraction method as follows:

(i) for oil, the net production from the unmetered pool or lease shall be the difference between the net pipeline runs with the beginning and ending stock adjustments and the sum of the net production of the metered pools or leases;

(ii) for gas, the net production from the unmetered pool or lease shall be the difference between the volume recorded at the sales meter and the sum of the volumes recorded at the individual pool or lease meters.

(d) Top allowable producers. If a well or unit in a prorated pool to be commingled can physically be produced at top proration unit allowable rates (even if restricted because of high gas-oil ratios), the division may permit commingling only if the operator or a gatherer, transporter or processor meters the production from the unit prior to commingling, or determines it by the subtraction method.

(e) Alternative methods. An operator may determine production from each pool or lease to be commingled by other methods the division has specifically approved prior to commingling. The division shall determine what evidence is necessary to support a request to use an alternative method.

(2) Prior to commingling, the applicant shall notify the division by filing form C-103 in the division's Santa Fe office with the following information set forth in the form or attached to the form:

(a) identification of each of the leases, pools or leases and pools to be commingled;

(b) the method of allocation the applicant will use; if the applicant proposes using the well test method for production from a prorated pool, the notification to the division shall be accompanied by a tabulation of production showing that the average daily production of an unprorated proration unit over a 60-day period has been below the top proration unit allowable for the subject pool (or for a newly drilled well without a 60-day production history, a tabulation of the available production) or other evidence acceptable to the division to establish that the well or wells on the unit are not capable of producing the top proration unit allowable; if the proposed allocation method is other than an approved method provided in Subsection B of 19.15.12.10 NMAC, the operator shall submit evidence of the method's reliability;

(c) a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools and leases to be commingled is identical as defined in 19.15.12.7 NMAC; and

(d) evidence of notice to the state land office or the BLM, if required.

(3) Approval. The division may authorize commingling without a notice or hearing and the operator may commence commingling upon the division's approval of form C-103, subject to compliance with any conditions of the approval the division noted, provided that the operator shall not commence commingling involving state, federal or tribal leases unless or until approved by the state land office or the BLM, as applicable.

**C.** Specific requirements and provisions for commingling of leases, pools or leases and pools with diverse ownership.

(1) Measurement and allocation methods. Where there is diversity of ownership between two or more leases, two or more pools or between different pools and leases, the division shall only permit surface commingling of production from the leases and pools if the operator accurately meters production from each of such pools or leases or determines the production by other methods the division has specifically approved prior to commingling.

(2) Meter proving and calibration frequencies.

(a) Oil. The operator shall test each meter used in oil production accounting for accuracy as follows: monthly, if more than 100,000 barrels of oil per month are measured through the meter; quarterly, if between 10,000 and 100,000 barrels of oil per month are measured through the meter; and semi-annually, if less than 10,000 barrels of oil per month are measured through the meter.

(b) Gas. For each gas sales and allocation meter, the operator shall test the metering equipment's accuracy at the point of delivery or allocation following the initial installation and following repair and retested: quarterly, if 100 MCFGPD or more are measured through the meter; and semi-annually, if less than 100 MCFGPD are measured through the meter.

(c) Correction and adjustment. If a meter proving and calibration test reveals inaccuracy in the metering equipment of more than two percent, the operator shall correct the volume measured and adjust the meter to zero error. The operator shall submit a corrected report stating the volume of oil or gas measured and showing the calculations made in correcting the volumes. The operator shall correct the volumes back to the time the inaccuracy occurred, if known. If the time is unknown, the operator shall correct the volumes for the last half of the period elapsed since the last calibration date. If a test reveals an inaccuracy of less than two percent, the operator shall adjust the meter, but correction of prior production is not required.

(3) Low production gas wells. For gas wells producing less than 15 MCFGPD, the operator may estimate production as an

acceptable alternative to individual well measurement provided that commingling of production from different pools or leases does not take place unless otherwise authorized pursuant to 19.15.12 NMAC.

**(4) Approval process.**

**(a) In general.** Where there is diversity of ownership, the division may grant an exception to the requirements of 19.15.12.9 NMAC to permit surface commingling of production from different leases, pools or leases and pools only after notice and an opportunity for hearing as provided in Paragraph (4) of Subsection C of 19.15.12.10 NMAC.

**(b) Application.** The operator shall submit an application for administrative approval to the division's Santa Fe office on form C-107-B, which shall contain a list of the parties (interest owners) owning an interest in the production to be commingled (including owners of royalty and overriding royalty interests whether or not they have a right or option to take their interests in kind) and a method of allocating production to ensure the protection of correlative rights.

**(c) Notice.** The applicant shall notify the interest owners in accordance with 19.15.4.12 NMAC. The applicant shall submit a statement attesting that the applicant, on or before the date the applicant submitted the application to the division, notified each of the interest owners by sending them a copy of the application and the attachments to the application, by certified mail, return receipt requested, and advising them that they must file any objection in writing with the division's Santa Fe office within 20 days from the date the division received the application. The division may approve the application administratively, without hearing, upon receipt of written waivers from interest owners, or if no interest owner has filed an objection within the 20-day period. If the division receives an objection, it shall set the application for hearing. The division shall notify the applicant, who shall give formal notice of the hearing to each party who has filed an objection and to such other persons as the division directs.

**(d) Hearing ordered by the division.** The division may set for hearing an application for administrative approval of surface commingling, and, in such case, the applicant shall give notice of the hearing in the manner the division directs.

**(e) Notice by publication.** When an applicant is unable to locate all interest owners after exercising reasonable diligence, the applicant shall provide notice by publication and submit proof of publication with the application. Such proof shall consist of a copy of the legal advertisement that was published in a newspaper of general circulation in the county or counties in which the commingled production is located. The advertisement shall include:

**(i)** the applicant's name, address, telephone number and contact party;

**(ii)** the location by section, township and range of the leases from which production will be commingled and the location of the commingling facility;

**(iii)** the source of all commingled production by pool name; and

**(iv)** a notation that interested parties must file objections or requests for hearing in writing with the division's Santa Fe office within 20 days after publication, or the division may approve the application.

**(f) Effect of protest.** The division shall include protests and requests for hearing it receives in the case file; provided however, the division shall not consider the protest as evidence. If the protesting party does not appear at the hearing, the division may grant application without receiving additional evidence in support of the application.

**(g) Additions.** A surface commingling order may authorize, prospectively, the inclusion of additional pools or leases within defined parameters set forth in the order, provided that:

**(i)** the notice to the interest owners includes a statement that authorization for subsequent additions is being sought and of the parameters for the additions the applicant proposes, and

**(ii)** the division finds that subsequent additions within defined parameters will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners; a subsequent application to amend an order to add to the commingled production other leases, pools or leases and pools that are within the defined parameters requires notice only to the owners of interests in the production to be added, unless the division otherwise directs.

**(h) State, federal or tribal lands.** Notwithstanding the issuance of an exception under 19.15.12.10 NMAC, an operator shall not commence commingling involving state, federal or tribal leases unless or until approved by the state land office or the BLM, as applicable. [19.15.12.10 NMAC - Rp, 19.15.5.303 NMAC, 12/1/08]

**19.15.12.11 DOWNHOLE COMMINGLING:**

**A.** The director may grant an exception to 19.15.12.9 NMAC to permit the commingling of multiple producing pools in existing or proposed well bores when the following conditions are met.

**(1)** The fluids from each pool are compatible and combining the fluids will not damage the pools.

**(2)** The commingling will not jeopardize the efficiency of present or future secondary recovery operations in the pools to be commingled.

**(3)** The bottom perforation of the lower zone is within 150 percent of the depth of the top perforation in the upper zone and the lower zone is at or below normal pressure with normal pressure assumed to be 0.433 psi per foot of depth. If the pools to be commingled are not within a vertical interval, then evidence is required to demonstrate that commingling will not result in shut-in or flowing well bore pressures in excess of any commingled pool's fracture parting pressure. The fracture parting pressure is assumed to be 0.65 psi per foot of depth unless the applicant submits other measured or calculated pressure data acceptable to the division.

**(4)** The commingling will not result in the permanent loss of reserves due to cross-flow in the well bore.

**(5)** Fluid-sensitive formations that may be subject to damage from water or other produced liquids are protected from contact with the liquids produced from other pools in the well.

**(6)** If any of the pools being commingled is prorated, or the well's production has been restricted by division order in any manner, the

allocated production from each producing pool in the commingled well bore shall not exceed the top oil or gas allowable rate for a well in that pool or rate restriction applicable to the well.

(7) The commingling will not reduce the value of the total remaining production.

(8) Correlative rights will not be violated.

**B.** The director may rescind authority to commingle production in a well bore and require the operator produce the pools separately if, in the director's opinion, waste or reservoir damage is resulting, correlative rights are being impaired or the efficiency of a secondary recovery project is being impaired, or any changes or conditions render the installation no longer eligible for downhole commingling.

**C.** When the conditions set forth in Subsection A of 19.15.12.11 NMAC are satisfied, the director may approve a request to downhole commingle production in one of the following ways.

(1) Individual exceptions. An operator shall file applications to downhole commingle in well bores located outside of an area subject to a downhole commingling order issued in a "reference case" and not within a pre-approved pool or area on form C-107-A with the division.

(a) The director may administratively approve a form C-107-A in the absence of a valid objection filed within 20 days after the division's receipt of the application if, in the director's opinion, waste will not occur and correlative rights will not be impaired.

(b) In those instances where the ownership or percentages between the pools to be commingled is not identical, applicant shall send a copy of form C-107-A to interest owners in the spacing unit by certified mail, return receipt requested.

(c) The applicant shall send copies of form C-107-A to the state land office for wells in spacing units containing state lands or the BLM for wells in spacing units containing federal or tribal lands.

(d) The director may set an administratively filed form C-107-A for hearing.

(2) Exceptions for wells located in pre-approved pools or areas. Applicants shall file applications to downhole commingle in well bores within pools or areas that have been established by the division as "pre-approved pools or areas" pursuant to Paragraph (2) of Subsection D of 19.15.12.11 NMAC on form C-103 at the appropriate division district office. The district supervisor of the appropriate division district office may approve the proposed downhole commingling following receipt of form C-103. In addition to the information required by form C-103, the applicant shall include:

(a) the number of the division order that established pre-approved pool or area;

(b) the names of pools to be commingled;

(c) perforated intervals;

(d) allocation method and supporting data;

(e) a statement that the commingling will not reduce the total remaining production's value;

(f) in those instances where the ownership or percentages between the pools to be commingled is not identical, a statement attesting that applicant sent notice to the interest owners in the spacing unit by certified mail, return receipt requested of its intent to apply for downhole commingling and no objection was received within 20 days of sending this notice; and

(g) a statement attesting that applicant sent a copy of form C-103 to the state land office for wells in spacing units containing state lands or the BLM for wells in spacing units containing federal or tribal lands using sundry notice form 3160-5.

(3) Exceptions for wells located in areas subject to a downhole commingling order issued in a "reference case". Applicants shall file applications to downhole commingle in well bores within an area subject to a division order that excepted any of the criteria required by 19.15.12.11 NMAC or form C-107-A with the district supervisor of the appropriate division district office and, except for the place of filing, shall meet the requirements of the applicable order issued in that "reference case".

**D.** Applications for establishing a "reference case" or for pre-approval of downhole commingling on an area-wide or pool-wide basis.

(1) Reference cases. If sufficient data exists for a lease, pool, formation or geographical area to render it unnecessary to repeatedly provide the data on form C-107-A, an operator may except any of the various criteria required under 19.15.12.11 NMAC or set forth in form C-107-A by establishing a "reference case". The division, upon its own motion or application from an operator, may establish "reference cases" either administratively or by hearing. Upon division approval of such "reference cases" for specific criteria, the division shall require subsequent form C-107-A only to cite the division order number that established the exceptions and not require the applicant to submit data for those criteria. The division may approve applications involving exceptions to the specific criteria required by 19.15.12.11 NMAC or by form C-107-A after the applicant sends notice to the interest owners in the affected spacing units by certified mail, return receipt requested, based on evidence that the approval would adequately satisfy the conditions of Subsection A of 19.15.12.11 NMAC.

(2) Pre-approval of downhole commingling on a pool-wide or area-wide basis. If sufficient data exists for multiple formations or pools that have previously been commingled or are proposed to be commingled, the division, upon its own motion or application from an operator, may establish downhole commingling on a pool-wide or area-wide basis either administratively or by hearing.

(a) Applications for pre-approval shall include the data required by form C-107-A, a list of the names and address of operators in the pools, previous orders authorizing downhole commingling for the pools or area and a map showing the location of wells in the pools or area and indicating those wells approved for downhole commingling.

(b) The director may approve applications for pre-approval of downhole commingling on a pool-wide or area-wide basis after the applicant sends notice to operators in the affected pools or area by certified mail, return receipt requested, based on evidence that such approval adequately satisfies the conditions of 19.15.12.11 NMAC.

(c) Upon approval of certain pools or areas for downhole commingling, an operator may obtain approval for subsequent applications for approval to downhole commingle wells within those pools or areas by filing form C-103 in accordance with Paragraph (2) of Subsection C of 19.15.12.11 NMAC.

(3) The division shall maintain and continually update a list of pre-approved pools or areas in Subsection B of 19.15.12.11 NMAC.

E. Pre-approved pools and areas. Downhole commingling is approved within the following pool combinations or geographical areas (provided, however, that the operator shall file form C-103 with the appropriate division district office in accordance with the procedure set forth in Paragraph (2) of Subsection C of 19.15.12.11 NMAC):

<b>Pre-approved pools or geographic areas for downhole commingling, permian basin</b>	
All Blinebry, Tubb, Drinkard, Blinebry-Tubb, Blinebry-Drinkard and Tubb-Drinkard pool combinations within the following geographic area in Lea County:	
township 18 south, ranges 37, 38 and 39 east	township 23 south, ranges 36, 37 and 38 east
township 19 south, ranges 36, 37, 38 and 39 east	township 24 south, ranges 36, 37 and 38 east
township 20 south, ranges 36, 37, 38 and 39 east	township 25 south, ranges 36, 37 and 38 east
township 21 south, ranges 36, 37 and 38 east	township 26 south, ranges 36, 37 and 38 east
township 22 south, ranges 36, 37 and 38 east	
<b>Blinebry pools</b>	
6660 Blinebry oil and gas pool (oil)	34200 Justis-Blinebry pool
72480 Blinebry oil and gas pool (pro gas)	46990 monument-Blinebry pool
6670 west Blinebry pool	47395 Nadine-Blinebry pool
12411 Cline lower paddock-Blinebry pool	47400 west Nadine paddock-Blinebry pool
29710 Hardy-Blinebry pool	47960 oil center-Blinebry pool
31700 east Hobbs-Blinebry pool	96314 north Teague lower paddock-Blinebry assoc.
31680 Hobbs upper-Blinebry pool	58300 Teague paddock-Blinebry pool
31650 Hobbs lower-Blinebry pool	59310 east Terry-Blinebry pool
33230 house-Blinebry pool	63780 Weir-Blinebry pool
33225 south house-Blinebry pool	63800 east Weir-Blinebry pool
<b>Tubb pools</b>	
12440 Cline-Tubb pool	47530 west Nadine-Tubb pool
77120 Fowler-Tubb pool	58910 Teague-Tubb pool
26635 south Fowler-Tubb pool	96315 north Teague-Tubb associated pool
78760 house-Tubb pool	60240 Tubb oil and gas pool (oil)
33460 east house-Tubb pool	86440 Tubb oil and gas pool (pro gas)
33470 north house-Tubb pool	87080 Warren-Tubb pool
47090 monument-Tubb pool	87085 east Warren-Tubb pool
47525 Nadine-Tubb pool	
<b>Drinkard pools</b>	
7900 south Brunson Drinkard-abo pool	47505 west Nadine-Drinkard pool
12430 Cline Drinkard-abo pool	47510 Nadine Drinkard-Abo pool
15390 D-K Drinkard pool	57000 Skaggs-Drinkard pool
19190 Drinkard pool	96768 northwest Skaggs-Drinkard pool
19380 south Drinkard pool	58380 Teague-Drinkard pool
26220 Fowler-Drinkard pool	96313 north Teague Drinkard-Abo pool
28390 Goodwin-Drinkard pool	63080 Warren-Drinkard pool
31730 Hobbs-Drinkard pool	63120 east Warren-Drinkard pool
33250 house-Drinkard pool	63840 Weir-Drinkard pool
47503 east Nadine-Drinkard pool	
<b>Blinebry-Tubb pools</b>	
62965 Warren Blinebry-Tubb oil and gas pool	
<b>Tubb-Drinkard pools</b>	
18830 dollarhide Tubb-Drinkard pool	33600 imperial Tubb-Drinkard pool
29760 Hardy Tubb-Drinkard pool	35280 Justis Tubb-Drinkard pool
96356 north Hardy Tubb-Drinkard pool	
<b>pool-combinations, Lea county</b>	
airstrip-bone spring (960) and airstrip-wolfcamp (970) pools	
Baish-wolfcamp (4480) and maljamar-abo (43250) pools	
Blinebry oil and gas and Wantz-abo (62700) pools	
Blinebry oil and gas and south Brunson-Ellenburger (8000) pools	
Blinebry oil and gas and paddock (49210) pools	
cerca lower-wolfcamp (11800) and cerca upper-pennsylvanian (11810) pools	
Drinkard (19190) and paddock (49210) pools	

Drinkard (19190) and Wantz-abo (62700) pools  
Drinkard (19190) and Wantz-granite wash (62730) pools  
lazy J penn (37430) and south Baum-wolfcamp (4967) pools  
mesa verde-Delaware (96191) and mesa verde-bone spring (96229) pools  
west red tank-Delaware (51689) and red tank-bone spring (51683) pools  
south shoe bar-wolfcamp (56300) and south shoe bar upper-penn (56285) pools  
Skaggs-glorieta (57190) and Skaggs-Drinkard (57000) pools  
west Triste draw-Delaware (59945) and south sand dunes bone spring (53805) pools  
Triste draw-Delaware (59930) and Triste draw-bone spring (96603) pools  
Tubb oil and gas and paddock (49210) pools  
north vacuum-Abo (61760) and vacuum-wolfcamp (62340) pools  
vacuum-Blinebry (61850) and vacuum-Glorieta (62160) pools  
vacuum-Blinebry (61850) and vacuum-Drinkard (62110) pools  
vacuum upper-penn (62320) and vacuum-wolfcamp (62340) pools  
Wantz-abo (62700) and Wantz-granite wash (62730) pools

**pool combinations, Eddy county**

red lake queen-grayburg-san andres (51300) and northeast red lake-glorieta yeso (96836) pools

**pool combination, San Juan basin**

basin-dakota (71599) and angels peak-Gallup associated (2170) pools  
basin-dakota (71599) and Armenta-Gallup (2290) pools  
basin-dakota (71599) and Baca-Gallup (3745) pools  
basin-dakota (71599) and bisti lower-Gallup (5890) pools  
basin-dakota (71599) and BS mesa-Gallup (72920) pools  
basin-dakota (71599) and Calloway-Gallup (73700) pools  
basin-dakota (71599) and devils fork-Gallup associated (17610) pools  
basin-dakota (71599) and ensenada-Gallup (96321) pools  
basin-dakota (71599) and flora vista-Gallup (76640) pools  
basin-dakota (71599) and Gallegos-Gallup associated (26980) pools  
basin-dakota (71599) and ice canyon-Gallup (93235) pools  
basin-dakota (71599) and Kutz-Gallup (36550) pools  
basin-dakota (71599) and Largo-Gallup (80000) pools  
basin-dakota (71599) and otero-Gallup (48450) pools  
basin-dakota (71599) and Tapacito-Gallup associated (58090) pools  
basin-dakota (71599) and wild horse-Gallup (87360) pools  
basin-dakota (71599) and Aztec-pictured cliffs (71280) pools  
basin-dakota (71599) and Ballard-pictured cliffs (71439) pools  
basin-dakota (71599) and blanco-pictured cliffs (72359) pools  
basin-dakota (71599) and south blanco-pictured cliffs (72439) pools  
basin-dakota (71599) and Fulcher Kutz-pictured cliffs (77200) pools  
basin-dakota (71599) and west Kutz-pictured cliffs (79680) pools  
basin-dakota (71599) and Tapacito-pictured cliffs (85920) pools  
basin-fruitland coal (71629) and Aztec-pictured cliffs (71280) pools  
basin-fruitland coal (71629) and Ballard-pictured cliffs (71439) pools  
basin-fruitland coal (71629) and blanco-pictured cliffs (72359) pools  
basin-fruitland coal (71629) and east blanco-pictured cliffs (72400) pools  
basin-fruitland coal (71629) and south blanco-pictured cliffs (72439) pools  
basin-fruitland coal (71629) and carracas-pictured cliffs (96154) pools  
basin-fruitland coal (71629) and choza mesa-pictured cliffs (74960) pools  
basin-fruitland coal (71629) and Fulcher Kutz-pictured cliffs (77200) pools  
basin-fruitland coal (71629) and west Kutz-pictured cliffs (79680) pools  
basin-fruitland coal (71629) and Gavilan-pictured cliffs (77360) pools  
basin-fruitland coal (71629) and gobernador-pictured cliffs (77440) pools  
basin-fruitland coal (71629) and huerfano-pictured cliffs (78840) pools  
basin-fruitland coal (71629) and Potwin-pictured cliffs (83000) pools  
basin-fruitland coal (71629) and Tapacito-pictured cliffs (85920) pools  
basin-fruitland coal (71629) and twin mounds fruitland sand-pictured cliffs (86620) pools  
basin-fruitland coal (71629) and W. A. W. fruitland sand-pictured cliffs (87190) pools  
blanco-mesaverde (72319) and basin-dakota (71599) pools  
blanco-mesaverde (72319) and blanco-pictured cliffs (72359) pools  
blanco-mesaverde (72319) and south blanco-pictured cliffs (72439) pools

blanco-mesaverde (72319) and gobernador-pictured cliffs (77440) pools  
blanco-mesaverde (72319) and west lindriith Gallup-dakota (39189) pools  
blanco-mesaverde (72319) and Tapacito-pictured cliffs (85920) pools  
blanco-mesaverde (72319) and Armenta-Gallup (2290) pools  
blanco-mesaverde (72319) and BS mesa-Gallup (72920) pools  
blanco-mesaverde (72319) and Calloway-Gallup (73700) pools  
blanco-mesaverde (72319) and ensenada-Gallup (96321) pools  
blanco-mesaverde (72319) and flora vista-Gallup (76640) pools  
blanco-mesaverde (72319) and Largo-Gallup (80000) pools  
blanco-mesaverde (72319) and west lindriith Gallup-Dakota (39189) pools  
blanco-mesaverde (72319) and McDermott Gallup (81050) pools  
blanco-mesaverde (72319) and Potter-Gallup (50387) pools  
blanco-mesaverde (72319) and Tapacito-Gallup associated (58090) pools  
blanco-mesaverde (72319) and wild horse-Gallup (87360) pools  
otero-chacra (82329) and Aztec-pictured cliffs (71280) pools  
otero-chacra (82329) and basin-dakota (71599) pools  
otero-chacra (82329) and blanco-mesaverde (72319) pools  
otero-chacra (82329) and south blanco-pictured cliffs (72439) pools  
otero-chacra (82329) and Fulcher Kutz-pictured cliffs (77200) pools

[19.15.12.11 NMAC - Rp, 19.15.5.303 NMAC, 12/1/08]

#### **HISTORY of 19.15.12 NMAC:**

**History of Repealed Material:** 19.15.5 NMAC, Oil Production Practices (filed 04/27/2000) repealed 12/1/08.

#### **NMAC History:**

Those applicable portions of 19.15.5 NMAC, Oil Production Practices (Section 303) (filed 04/27/2000) was replaced by 19.15.12 NMAC, Pools, effective 12/1/08.