

ASSOCIATED OIL AND GAS POOLS
Northwest and Southeast New Mexico

Order No. R-5353, Adopting Special Rules and Regulations for Certain Associated Oil and Gas Pools and General Rules and Regulations for All Associated Oil and Gas Pools in Northwest and Southeast New Mexico, February 1, 1977.

Order No. R-5353 reclassifies as an oil pool, and rescinds Order No. R-4359, August 1, 1972, as amended by Order No. R-4583, August 1, 1973, adopting rules for the Jennings-Delaware Associated Pool, Lea County, New Mexico.

Order No. R-5353 reclassifies as an oil pool, and rescinds Order No. R-3437, June 18, 1968, as amended by Order No. R-3437-A, July 17, 1969, Order No. R-3437-B, January 15, 1971, Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973, adopting rules for the North Paduca-Delaware Pool, Lea County, New Mexico.

Order No. R-5353 reclassifies as an oil pool the Northwest Todd-San Andres Associated Pool. See separate Order No. R-4441-A, February 1, 1977, adopting special rules for the Northwest Todd-San Andres Pool.

Order No. R-5353-N reclassifies as an associated pool the Cline-Tubb Pool. See separate Order No. R-5353-N, May 27, 1994, adopting special rules for the Cline-Tubb Associated Pool.

Application of the Oil Conservation Commission on its Own Motion to Consider the Adoption of General Rules and Regulations Governing All Associated Oil and Gas Pools of Southeast and Northwest New Mexico and the Adoption of Special Rules for Certain Associated Pools.

CASE NO. 5813
Order No. R-5353

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on November 23, 1976, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 17th day of January, 1977, the Commission, a quorum being present, 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 Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the Commission has heretofore created and designated six pools in Northwest New Mexico and 15 pools in Southeast New Mexico as "associated" oil and gas pools, being pools in which a gas cap was found to overlie an oil zone.

(3) That in order to prevent waste and to protect correlative rights, the Commission has heretofore promulgated special rules and regulations for said associated oil and gas pools, as follows:

NORTHWEST NEW MEXICO

POOL	COUNTY	ORDER NO.
Angels Peak-Gallup	San Juan	R-1410-C
Devils Fork-Gallup	Rio Arriba	R-5181
Escrito-Gallup	Rio Arriba	R-1793-A
Gallegos-Gallup	San Juan	R-3707
Tapacito-Gallup	Rio Arriba	R-3211
Tocito Dome-Pennsylvanian "D"	San Juan	R-2758

SOUTHEAST NEW MEXICO

POOL	COUNTY	ORDER NO.
Bluitt-San Andres	Roosevelt	R-1670-I
Southeast Chaves Queen Gas Area	Chaves	R-4435
South Dagger Draw-Upper Pennsylvanian	Eddy	R-4637
Double L-Queen	Chaves	R-3981-A
Jennings-Delaware	Lea	R-4359
Mesa-Queen	Lea	R-2935
North Paduca-Delaware	Lea	R-3437
Penasco Draw-San Andres-Yeso	Eddy	R-4365
Peterson-Pennsylvanian	Roosevelt	R-4538
Round Tank-Queen	Chaves	R-1670-J
Sawyer-San Andres	Lea	R-1517
Todd-Lower San Andres	Roosevelt	R-1670-G R-3153
Northwest Todd-San Andres	Roosevelt	R-4441
Twin Lakes-San Andres	Chaves	R-4102
Vest Ranch-Queen	Chaves	R-5180

(4) That the aforesaid special rules and regulations for the above-named associated oil and gas pools provide, among other things, for the definition of oil wells and gas wells, the size of oil spacing units and gas spacing units, standard well locations, gas-oil ratio limitations, well testing, and gas well allowables.

(5) That there is a wide variation in the various special pool rules applicable to the aforesaid associated pools, not only in substantive content and purpose, but also in format and general manner of presentation.

(6) That said variations have caused confusion and have resulted in unnecessary administrative burden to both the operators in said pools and the Commission.

(7) That the adoption of general rules applicable to all associated pools, with provision for certain special rules applicable to particular pools only, would tend to eliminate said confusion and would ease the administrative burden of both the operators in said pools and the Commission.

(8) That in order to more nearly equalize the time frame within which oil wells and gas wells in associated pools may produce their current allowable, thereby equalizing withdrawals from their respective portions of the associated reservoir, the general rules for associated pools should provide for a one-month proration period for gas wells, and oil wells should continue to be operated under the provisions of Rule 502 of the Commission General Rules and Regulations.

(9) That in order to provide a reasonable period of time for the production of the current allowable from a gas well in an

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)

associated pool, provision should be made in the general associated pool rules for underproduction from such well to be carried forward into subsequent proration periods, provided however, that such underproduction in excess of three times the current monthly allowable should not be carried forward, but should be cancelled.

(10) That in order to provide a reasonable period of time in which overproduction of current allowable by a gas well in an associated pool may be compensated for by underproduction, provision should be made in the general associated pool rules for such overproduction to be carried forward into subsequent proration periods, provided however, that any well which is overproduced by an amount exceeding three times its current monthly allowable should be shut in until such well is overproduced by an amount less than three times its current monthly allowable.

(11) That the volumetric gas allowable formulas applicable to the Bluiitt-San Andres Associated Pool and the Todd-Lower San Andres Associated Pool are no longer effective and should not be included in the special pool rules for said pools.

(12) That the inclusion of liquid gravity as a criterion in the classification of oil wells and gas wells in the Angels Peak-Gallup, Devils Fork-Gallup, Bluiitt-San Andres, Peterson-Pennsylvanian, and Todd-Lower San Andres Pools appears to serve no useful purpose, and should be discontinued.

(13) That the Jennings-Delaware Associated Pool and the North Paduca-Delaware Associated Pool, as heretofore created and defined, no longer fit the associated pool classification, and that said pools should be redefined as oil pools subject to the Commission General Rules and Regulations, and the Special Rules for said pools should be rescinded.

(14) That the Northwest Todd-San Andres Associated Pool as previously created and defined no longer fits the associated pool classification and should be redefined as an oil pool and the special pool rules therefor amended to provide only for 80-acre oil well spacing units and a gas-oil ratio limitation of 5000 to 1.

(15) That the existing special associated pool rules for the remaining 18 associated pools which provide for spacing of oil wells and gas wells, oil well and gas well locations, definition of oil wells and gas wells based on gas-liquid ratios, and special gas-oil ratio limitations, any of which are in conflict with the general rules and regulations for associated pools should be retained, but should be incorporated in one overall order applicable to associated oil and gas pools, and the orders presently applicable to said pools superseded.

(16) That the gas well location requirements for the Double L-Queen Associated Pool should be amended to comply with the general rules and regulations for associated pools.

(17) That all associated pool gas well underproduction should be cancelled as of January 31, 1977.

(18) That the Secretary-Director of the Commission should be authorized to administratively reinstate such cancelled underproduction, up to three times the current monthly allowable, upon a showing by the operator that such underproduction could be made up.

(19) That the rescission, amendment, and supersedure of the Special Pool Rules listed in Finding No. (3) above, and the adoption of General Rules applicable to the associated oil and gas pools in the State of New Mexico in accordance with the above findings will prevent waste and protect correlative rights, is in the public interest, and should be approved.

IT IS THEREFORE ORDERED:

(1) That effective February 1, 1977, general rules and regulations are hereby adopted for the associated oil and gas pools of northwest and Southeast New Mexico as follows:

GENERAL RULES AND REGULATIONS FOR THE ASSOCIATED OIL AND GAS POOLS OF NORTHWEST NEW MEXICO AND SOUTHEAST NEW MEXICO.

(See Special Pool Rules for each pool for rules applicable to that particular pool. Special Pool Rules will be found in the same classification order as in the General Section. If the Special Rule is in conflict with the General Rule, the Special Rule shall be applicable.)

A. WELL LOCATION AND ACREAGE REQUIREMENTS

RULE 1. Any well drilled to the producing formation of an associated pool regulated by this order and within said pool or within one mile outside the boundary of that pool, and not nearer to nor within the boundaries of another designated pool producing from the same formation, shall be spaced, drilled, operated, and prorated in accordance with the regulations in effect in that pool.

RULE 2. (a) See Special Pool Rules for applicable size of oil and gas spacing and proration units. Unless otherwise specified by the Special Pool Rules, 40-acre units shall comprise a governmental quarter-quarter section substantially in the form of a square, being a legal subdivision of the United States Public Land Surveys; 80-acre units shall comprise two contiguous quarter-quarter sections, being the N/2, S/2, E/2, or W/2 of a single governmental quarter section; 160-acre units shall comprise a governmental quarter section; and 320-acre units shall comprise two contiguous quarter sections, being the N/2, S/2, E/2, or W/2 of a single governmental section.

RULE 2. (b) Each well drilled or completed on a spacing and proration unit within an associated pool governed by these rules shall be located as provided below:

OIL WELLS AND GAS WELLS - NORTHWEST NEW MEXICO

Standard Proration Unit	Location Requirements
40 Acres	Not closer than 330 feet to the boundary of the tract
80, 160 and 320 Acres	Not closer than 790 feet to any quarter section line nor closer than 330 feet to any quarter-quarter section line or subdivision inner boundary

OIL WELLS - SOUTHEAST NEW MEXICO

Standard Proration Unit	Location Requirements
40 Acres	Not closer than 330 feet to the boundary of the tract
80 and 160 Acres	Within 150 feet of the center of the quarter-quarter section wherein located

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)**GAS WELLS - SOUTHEAST NEW MEXICO**

Standard Proration Unit	Location Requirements
160 Acres	Within 150 feet of the center of the quarter-quarter section wherein located
320 Acres	Not closer than 660 feet to the nearest side boundary nor closer than 1980 feet to the nearest end boundary of the spacing unit nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary

RULE 2. (c) The Secretary-Director of the Commission shall have authority to grant an exception to the well location requirements of Rule 2(b) above without notice and hearing when the necessity for such unorthodox location is based upon topographical conditions or the recompletion of a well previously drilled to another horizon, provided said well was drilled at an orthodox location for such original horizon, or where the size and shape of an approved non-standard spacing and proration unit render a standard location impossible.

Applications for administrative approval of unorthodox locations shall be filed in triplicate and shall be accompanied by plats showing the ownership of all leases offsetting the proration or spacing unit for which the unorthodox location is sought, and also all wells completed thereon. If the proposed unorthodox location is based upon topography, the plat shall also show and describe the existent topographical conditions.

All operators of proration or spacing units offsetting the unit for which the unorthodox location is sought shall be notified of the application by certified or registered mail, and the application shall state that such notification has been given. The Secretary-Director may approve the unorthodox location upon receipt of waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 3. (a) Each gas well shall be located on a standard unit containing 160 acres or 320 acres, more or less, as provided in the special rules for the pool in which it is situate.

(b) Each oil well shall be located on a standard unit containing 40 acres, 80 acres or 160 acres, more or less, as provided in the special rules for the pool in which it is situate.

RULE 4. (a) The District Supervisor of the appropriate district office of the Commission shall have the authority to approve a non-standard unit as an exception to Rule 3(a) or 3(b) without notice and hearing when the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is not less than 75% nor more than 125% of a standard unit.

The District Supervisor of the appropriate district office of the Commission may approve the non-standard unit by:

(1) Accepting a plat showing the proposed non-standard unit and the acreage to be dedicated to the non-standard unit, and

(2) Assigning an allowable to the non-standard unit.

(b) The Secretary-Director of the Commission may grant an exception to the requirements of Rule 3(a) or Rule 3(b), when the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys and the non-standard unit is less than 75% or more than 125% of a standard unit, or where the following facts exist and the following provisions are complied with:

(1) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.

(2) The non-standard unit lies wholly within a governmental subdivision or subdivisions which would be a standard unit for the well (half quarter section, quarter section, or half section) but contains less acreage than a standard unit.

(3) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the half quarter section, quarter section or half section (for 80-acre, 160-acre, and 320-acre standard dedications respectively) in which the non-standard unit is situated and which acreage is not included in said non-standard unit.

(4) In lieu of Paragraph (3) of this rule, the applicant may furnish proof of the fact that all of the foresaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Secretary-Director has received the application.

B. WELL CLASSIFICATION AND GAS-OIL RATIO LIMITATION

RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of 30,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 30,000 cubic feet of gas per barrel of liquid hydrocarbons.

(b) (Deleted for Indian Basin Upper Pennsylvanian Associated Pool only, Order No. R-9922-C, May 10, 1996) The simultaneous dedication of any acreage to an oil well and a gas well is prohibited.

RULE 6. That the limiting gas-oil ratio shall be 2000 cubic feet of gas for each barrel of oil produced.

RULE 7. An oil well shall be permitted to produce only that amount of gas determined by multiplying the top unit oil allowable for the pool by the limiting gas-oil ratio for the pool. In the event there is more than one oil well on an oil proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

A gas well shall be permitted to produce that amount of gas obtained by multiplying the top unit oil allowable for the pool by the limiting gas-oil ratio for the pool and by a fraction, the numerator of which is the number of acres dedicated to the particular gas well and the denominator of which is a number equal to the number of acres in a standard oil proration unit in such pool. In the event there is more than one gas well on a gas proration unit, the operator may produce the amount of gas assigned to the unit from the wells on the unit in any proportion.

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C. WELL TESTING

RULE 8. The operator of each newly completed well shall cause a gas-liquid ratio test to be taken on the well upon recovery of all load oil from the well, provided however, that in no event shall the test be commenced later than 30 days from the date of first production unless the well is connected to a gas-gathering facility and is producing under a temporary gas allowable assigned in accordance with Rule 11. Any well which is shut-in shall be exempted from the gas-liquid ratio test requirement so long as it remains shut-in. The initial gas-liquid ratio test shall be taken in the manner prescribed by Rule 9. If the gas-liquid ratio is 30,000 cubic feet of gas per barrel of liquid hydrocarbons, or more, the operator shall not produce the well until beneficial use can be made of the gas.

RULE 9. (a) Semi-annual gas-liquid ratio tests shall be taken on all wells during each year in accordance with a test schedule prepared by the district office of the Commission. The initial gas-liquid ratio test shall suffice as the first semi-annual test. Tests shall be 24-hour tests, being the final 24 hours of a 72-hour period during which the well shall be produced at a constant normal rate of production. Results of such tests shall be filed on Commission Form C-116 on or before the 10th day of the following month. At least 72 hours prior to commencement of any such gas-liquid ratio tests, each operator shall file with the appropriate district office of the Commission a test schedule for its wells specifying the time each of its wells is to be tested. Copies of the test schedule shall also be furnished to all offset operators. The supervisor of the appropriate district office of the Commission may grant an exception to the above test requirements where it is demonstrated that the well(s) produce(s) no liquids.

Special tests shall also be taken at the request of the Secretary-Director and may also be taken at the option of the operator. Such special tests shall be taken in accordance with the procedures outlined hereinabove, including notification to the Commission and offset operators.

(b) The Secretary-Director of the Commission shall have authority to grant pool-wide exceptions to Rule 9(a) above, without notice and hearing upon a showing that production from wells within such pool has stabilized to the point where such tests would be of essentially no value for application of these general rules for associated pools.

RULE 10. An initial shut-in pressure test shall be taken on each gas well and shall be reported to the Commission on Form C-125.

D. ASSIGNMENT OF ALLOWABLE

RULE 11. Any well completed after the effective date of these rules shall receive an allowable only upon receipt by the appropriate Commission district office of Commission Forms C-102, C-104, C-116, and, in the case of a gas well, a transporter's notice of gas connection, properly executed. The District Supervisor of the Commission's district office is hereby authorized to assign a temporary gas allowable to wells connected to a gas transportation facility during the recovery of load oil, which allowable shall not exceed the number of cubic feet of gas obtained by multiplying the daily top unit allowable for the pool by the limiting gas-oil ratio for the pool.

E. GAS PRORATIONING

RULE 12. The associated gas proration period shall be the proration month which shall begin at 7 a.m. on the first day of the month and shall end at 7 a.m. on the first day of the next succeeding month.

RULE 13. (a) Any associated gas well which has an under-produced status at the end of any associated gas proration period, shall carry such underproduction into subsequent periods.

(b) Underproduction in excess of three times the current monthly allowable shall not be carried forward but shall be cancelled. For purposes of this rule, the monthly allowable shall be the full monthly allowable which would be assigned an associated gas well with the same acreage dedication in the same pool.

(c) Overproduction during any month shall be applied to a well's cumulative underproduction, if any, calculated in accordance with Paragraphs (a) and (b) above.

RULE 14. Any associated gas well which has an overproduced status at the end of any associated gas proration period shall carry such overproduction into subsequent periods. If at any time a well is overproduced an amount exceeding three times its current monthly allowable, it shall be shut in during that month and each succeeding month until the well is overproduced less than three times its current monthly allowable.

RULE 15. The allowable assigned to a well during any one month of an associated gas proration period in excess of the production for the same month shall be applied against the overproduction carried into such period in determining the amount of overproduction, if any, which has not been compensated for.

RULE 16. The Commission may allow overproduction to be compensated for at a lesser rate than would be the case if the well were completely shut in upon a showing after notice and hearing that complete shut in of the well would result in material damage to the well or reservoir.

F. REPORTING OF PRODUCTION

RULE 17. The monthly gas production from each gas well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 so as to reach the Commission on or before the 24th day of the month next succeeding the month in which the gas was produced. The operator shall show on such report what disposition has been made of the produced gas.

RULE 18. Each purchaser or taker of gas shall submit a report to the Commission so as to reach the Commission on or before the 15th day of the month next succeeding the month in which the gas was purchased or taken. Such report shall be filed on Form C-111 with the wells being listed in the same order as they are listed on the appropriate proration schedule.

G. GENERAL PROVISIONS

RULE 19. Failure to comply with any provision of these rules shall result in the immediate cancellation of allowable assigned to the affected well. No further allowable shall be assigned until all rules and regulations have been complied with. The Secretary-Director shall notify the operator of the

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well and purchaser in writing of the date of allowable cancellation and the reason therefor.

RULE 20. All transporters or users of gas shall file gas well connection notices with the Commission as soon as possible after the date of connection.

RULE 21. Allowables to wells whose classification has changed from oil to gas or from gas to oil as the result of a gas-liquid ratio test shall commence on the first day of the month following the month in which such test was reported, provided that a plat (Form C-102) showing the acreage dedicated to the well and the location of all wells on the dedicated acreage has been filed.

(2) That the above General Rules and Regulations for the Associated Oil and Gas Pools of Northwest New Mexico and Southeast New Mexico shall be applicable to the following associated pools:

NORTHWEST NEW MEXICO

Angels Peak-Gallup	Gallegos-Gallup
Devils Fork-Gallup	Tapacito-Gallup
Escrito-Gallup	Tocito Dome-Pennsylvanian "D"

SOUTHEAST NEW MEXICO

Bluitt-San Andres	Penasco Draw-San Andres-Yeso
Southeast Chaves Queen Gas Area	Peterson-Pennsylvanian
South Dagger Draw-Upper Pennsylvanian	Round Tank-Queen
Double L-Queen	Sawyer-San Andres
Mesa-Queen	Todd-Lower San Andres
	Twin Lakes-San Andres
	Vest Ranch-Queen

(3) That effective February 1, 1977, the following Special Rules and Regulations shall be applicable to the below-named associated pools: (See Special Rules and Regulations applicable to each pool at end of order).

(3) (As Numbered) That effective February 1, 1977, the following orders, as amended, which apply to the aforementioned associated pools (See Special Rules and Regulations carried at end of order for these pools), are hereby superseded:

R-1410-C	R-1670-I	R-1670-J
R-5181	R-4435	R-1517
R-1793-A	R-4637	R-1670-G
R-3707	R-3981-A	R-3153
R-3211	R-2935	R-4102
R-2758	R-4365	R-5180
	R-4538	

(4) That the Jennings-Delaware Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool, and Order No. R-4359 is hereby rescinded, effective February 1, 1977.

(5) That the North Paduca-Delaware Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool, and Order No. R-3437 is hereby rescinded, effective February 1, 1977.

(6) That effective February 1, 1977, the Northwest Todd-San Andres Pool as heretofore classified, defined, and described is hereby reclassified as an oil pool with Order No. R-4441 to be superseded by Order No. R-4441-A, to be issued concomitantly with the instant order, No. R-5353.

(7) That effective January 31, 1977, all underproduction accrued to gas wells in the associated pools affected by this order is hereby cancelled.

(8) That the Secretary-Director of the Commission is hereby authorized to reinstate any well's accrued underproduction cancelled effective January 31, 1977, provided that such reinstated underproduction shall not exceed three times the well's current monthly allowable and provided further that the application for reinstatement of such underproduction shall contain evidence that the affected well is capable of producing such underproduction and that said application is received by the Secretary-Director not later than April 1, 1977.

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

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

**ANGELS PEAK-GALLUP ASSOCIATED POOL
San Juan County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Angels Peak-Gallup Associated Pool, San Juan County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1410, adopting rules for the Angels Peak-Gallup Pool, San Juan County, New Mexico, May 28, 1959, as amended by Order No. R-1410-A, August 11, 1959, as superseded by Order No. R-1410-C, October 1, 1960, as amended by Order No. R-1410-D, July 17, 1962, Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)

**DEVILS FORK-GALLUP ASSOCIATED POOL
Rio Arriba County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Devils Fork-Gallup Associated Pool, Rio Arriba County, New Mexico, February 1, 1977, as Amended by Order No. R-5353-G, August 1, 1981.

(Order No. R-5353 supersedes Order No. R-5181, adopting amended rules for the Devils Fork-Gallup Associated Pool, Rio Arriba County, New Mexico, April 1, 1976. Order No. R-5181 rescinded Order No. R-1670-B, November 1, 1960, adopting rules for the Devils Fork-Gallup Gas Pool, as amended by Order No. R-1670-B-1, October 18, 1962, Order No. R-4367, August 30, 1972, Order No. R-4404, September 27, 1972, and Order No. R-5483, August 1, 1973. Order No. R-1670-B superseded Order No. R-1641-A, June 10, 1960, which superseded Order No. R-1641, March 30, 1960, creating and adopting rules for the Devils Fork-Gallup Gas Pool.)

RULE 2. (As Amended by Order No. R-5353-G, August 1, 1981.) (a) A standard oil proration unit shall be 160 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

**ESCRITO-GALLUP ASSOCIATED POOL
Rio Arriba County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Escrito-Gallup Associated Pool, Rio Arriba County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1793-A, adopting rules for the Escrito-Gallup Pool, Rio Arriba County, New Mexico, December 1, 1960, as amended by Order No. R-4367, August 30, 1972, Order No. R-4404, September 27, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

**GALLEGOS-GALLUP ASSOCIATED POOL
San Juan County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Gallegos-Gallup Associated Pool, San Juan County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-3707, adopting rules for the Gallegos-Gallup Pool, San Juan County, New Mexico, May 1, 1969, as amended by Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

**TAPACITO-GALLUP ASSOCIATED POOL
Rio Arriba County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Tapacito-Gallup Associated Pool, Rio Arriba County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-3211, creating and adopting rules for the Tapacito-Gallup Associated Pool, Rio Arriba County, New Mexico, April 1, 1967, as amended by Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)**TOCITO DOME-PENNSYLVANIAN "D" ASSOCIATED POOL**
San Juan County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Tocito Dome-Pennsylvanian "D" Associated Pool, San Juan County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-2758, creating and adopting temporary rules for the Tocito Dome-Pennsylvanian "D" Pool, San Juan County, New Mexico, August 3, 1964, as amended by Order No. R-2758-A, September 30, 1964, Order No. R-2758-B, April 1, 1965, and Order No. R-2758-C, August 16, 1965.)

RULE 2. (a) A standard oil proration unit shall be 160 acres. A standard gas proration unit shall be 320 acres.

RULE 2. (b) Oil wells shall be located within 150 feet of the center of the quarter-quarter section.

Gas wells shall be located within 150 feet of the center of the quarter-quarter section.

RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of 20,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 20,000 cubic feet of gas per barrel of liquid hydrocarbons.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

BLUITT-SAN ANDRES ASSOCIATED POOL
Roosevelt County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Bluit-San Andres Associated Pool, Roosevelt County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1670-I, abolishing the Bluit-San Andres Gas and East Bluit-San Andres Oil Pools and creating and adopting operating rules for the Bluit-San Andres Associated Pool, Roosevelt County, New Mexico, July 23, 1969, as amended by Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

RULE 2. (b) Oil wells shall be located within 150 feet of the center of the quarter-quarter section.

Gas wells shall be located not closer than 990 feet to the quarter section line nor closer than 330 feet to any quarter-quarter section line.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SOUTHEAST CHAVES QUEEN GAS AREA ASSOCIATED POOL
Chaves County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas

Pools in Northwest and Southeast New Mexico, for the Southeast Chaves Queen Gas Area Associated Pool, Chaves County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-4435, creating and adopting temporary rules for the Southeast Chaves Queen Gas Area, Chaves County, New Mexico, December 1, 1972, as amended by Order No. R-4583, August 1, 1973, Order No. R-4435-A, December 3, 1974, and Order No. R-4435-B, July 6, 1976.)

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SOUTH DAGGER DRAW-UPPER PENNSYLVANIAN ASSOCIATED POOL
Eddy County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the South Dagger Draw-Upper Pennsylvanian Associated Pool, Eddy County, New Mexico, February 1, 1977, as Amended by Order No. R-5353-L, November 1, 1990, Order No. R-5353-L-1, April 1, 1991, and Order No. R-10050, January 26, 1994.

(Order No. R-5353 supersedes Order No. R-4637, creating and adopting temporary rules for the South Dagger Draw-Upper Pennsylvanian Associated Pool, Eddy County New Mexico, October 1, 1973, as amended by Order No. R-4637-A, October 21, 1975.)

Order No. R-5353-A, March 15, 1977, makes permanent the special rules adopted in Order No. R-5353.

Order No. R-5353-L-2, effective December 17, 1992, continues in full force and effect the rules adopted in Order No. R-5353, as amended.

Continue in full force and effect the amended rules, Order No. R-5353-L-3, August 16, 1996.

RULE 2. (a) (As Amended by Order No. R-5353-L, November 1, 1990.) A standard oil proration unit shall be 320 acres. A standard gas proration unit shall be 320 acres.

RULE 2. (b) (As Amended by Order No. R-5353-L, November 1, 1990.) Each well shall be located no nearer than 660 feet to the nearest side boundary of the tract, nor nearer than 660 feet to the nearest end boundary of the tract, nor closer than 330 feet to any quarter-quarter section of subdivision inner boundary.

RULE 5. (b) (Deleted for South Dagger Draw-Upper Pennsylvanian Associated Pool, only, Order No. R-10050, January 26, 1994) The simultaneous dedication of any acreage to an oil well and gas well is prohibited.

RULE 6. (As Amended by Order No. R-5353-L, November 1, 1990 and Order No. R-10050, January 26, 1994.) The limiting gas-oil ratio shall be 7,000 cubic feet of gas for each barrel of oil produced.

RULE 22. (As Amended by Order No. R-5353-L, November 1, 1990, and Order No. R-5353-L-1, April 1, 1991.) The special depth bracket allowable for a 320-acre proration unit shall be 1400 barrels of oil per day. All or any part of the allowable may be produced by a single well or by two or more wells on the unit. However, total oil allowable assigned to a 3201-acre unit shall not exceed 1400 barrels per day.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)**DOUBLE L-QUEEN ASSOCIATED POOL**
Chaves County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Double L-Queen Associated Pool, Chaves County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-3981-A, adopting temporary rules for the Double L, Queen Associated Pool, Chaves County, New Mexico, September 1, 1971, as amended by Order No. R-4367, August 30, 1972, Order No. R-4434, November 13, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

MESA-QUEEN ASSOCIATED POOL
Lea County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Mesa-Queen Associated Pool, Lea County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-2935, amending Order No. R-2691 which adopted a gas-oil ratio rule and limited flaring of gas and adopting temporary operating rules for the Mesa-Queen Pool, Lea County, New Mexico, July 13, 1965, as amended by order No. R-2935-A, January 13, 1966, Order No. R-2935-B, January 22 1968, Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

(2) (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

RULE 2. (b) Oil wells shall be located no closer than 330 feet to the outer boundary of the quarter-quarter section.

Gas wells shall be located no closer than 330 feet to the outer boundary of the quarter-quarter section.

RULE 6. The limiting gas-oil ratio shall be 5000 cubic feet of gas for each barrel of oil produced.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

PENASCO DRAW SAN ANDRES-YESO POOL
Eddy County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Penasco Draw San Andres-Yeso Pool, Eddy County, New Mexico, February 1, 1977, as Amended by Order No. R-5353-H, October 1, 1981.

(Order No. R-5353 supersedes Order No. R-365, adopting temporary rules for the Penasco Draw San Andres-Yeso Pool, Eddy County, New Mexico, September 1, 1972, as amended by Order No. R-4583, August 1, 1973, and Order No. R-4365-A, October 11, 1973.)

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas Proration unit shall be 320 acres.

RULE 2. (b) Oil wells shall be located no closer than 330 feet to the outer boundary of the quarter-quarter section.

Gas wells shall be located within 150 feet of the center of the quarter-quarter section.

RULE 5. A well shall be classified as a gas well if it has a gas-liquid ratio of 10,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 10,000 cubic feet of gas per barrel of liquid hydrocarbons.

RULE 5. (b) (As Added by Order No. R-5353-H, October 1, 1981.) The simultaneous dedication of any acreage to an oil well an a gas well within the same formation is prohibited.

RULE 9. (a) (As Added by Order No. R-5353-H, October 1, 1981.) Annual gas-liquid ratio tests shall be taken on all wells during each year in accordance with a test schedule prepared by the district office of the Division. The initial gas-liquid ratio test shall suffice as the first annual test. Tests shall be 24-hour tests, being the final 24 hours of a 72-hour period during which the well shall be produced at a constant normal rate of production. Results of such tests shall be filed on Division Form C-116 on or before the 10th day of the following month. At least 72 hours prior to commencement of any such gas-liquid ratio tests each operator shall file with the appropriate district office of the Division a test schedule for its wells specifying the time each of its wells is to be tested. Copies of the test schedule shall also be furnished to all offset operators. The supervisor of the appropriate district office of the Division may want an exception to the above test requirements where it is demonstrated that the well(s) produce(s) no liquids.

Special tests shall also be taken at the request of the Division Director and may also be taken at the option of the operator. Such special tests shall be taken in accordance with the procedures outlined hereinabove, including notification to the Division and offset operators.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

PETERSON-PENNSYLVANIAN POOL
Roosevelt County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Peterson-Pennsylvanian Pool, Roosevelt County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-4538, classifying as an associated oil and gas reservoir and adopting rules for the Peterson-Pennsylvanian Associated Pool, Roosevelt County, New Mexico, June 1, 1973, as amended by Order No. R-4538-B, August 1, 1973.)

Order No. R-5353-C, September 27, 1977, makes permanent the rules adopted in Order No. R-4538, as amended and superseded by Order No. R-5353.

RULE 2. (a) A standard oil proration unit shall be 160 acres. A standard gas proration unit shall be 320 acres.

RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of 25,000 or more cubic feet of gas per barrel of liquid hydrocarbons. A well shall be classified as an oil well if it has a gas-liquid ratio of less than 25,000 cubic feet of gas per barrel of liquid hydrocarbons.

RULE 6. The limiting gas oil ratio shall be 4000 cubic feet of gas for each barrel of oil produced.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

(GENERAL RULES AND REGULATIONS (ASSOCIATED OIL AND GAS POOLS - Cont'd.)

**ROUND TANK-QUEEN POOL
Chaves County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Round Tank-Queen Pool, Chaves County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1670-J, adopting rules for the Round Tank-Queen Pool, Chaves County, New Mexico, November 1, 1971, as amended by Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973.)

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

RULE 6. The limiting gas-oil ratio shall be 6000 cubic feet of gas for each barrel of oil produced.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

**SAWYER-SAN ANDRES POOL
Lea County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Sawyer-San Andres Pool, Lea County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1517, reclassifying as gas the Sawyer-San Andres Oil Pool and the South Sawyer-San Andres Oil Pool and adopting rules for the Sawyer-San Andres Gas Pool, Lea County, New Mexico, October 30, 1949.)

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

RULE 2. (b) Oil wells shall be located no closer than 330 feet to the outer boundary of the quarter-quarter section.

Gas wells shall be located no closer than 660 feet to the outer boundary of the quarter section nor closer than 330 feet to a quarter-quarter section line.

RULE 5. (a) A well shall be classified as a gas well if it has a gas-liquid ratio of more than 25,000 cubic feet of gas per barrel of liquid hydrocarbons. All other wells producing from the Sawyer-San Andres Pool shall be classified as oil wells.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

**TODD-LOWER SAN ANDRES POOL
Roosevelt County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Todd-Lower San Andres Pool, Roosevelt County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-1670-G, redesignating and adopting temporary rules for the Todd-San Andres Pool, Roosevelt County, New Mexico, October 29, 1965, as amended by Order No. R-1670-G-1, October 19, 1966, Order No. R-3153, December 1, 1966, Order No. R-4367, August 30, 1972, and Order No. R-4583, August 1, 1973. Order No. R-1670-G superseded Order No. R-2666, creating and adopting rules for the Todd-San Andres Gas Pool, April 1, 1964.)

(Order No. R-3153, December 1, 1966, subdivided the Todd-San Andres Pool into the Todd-Lower San Andres Pool and Todd-Upper San Andres Gas Pool.)

RULE 2. (a) A standard oil proration unit shall be 80 acres. A standard gas proration unit shall be 320 acres.

RULE 2. (b) Oil wells shall be located within 200 feet of the center of the quarter-quarter section.

Gas wells shall be located no closer than 660 feet to the outer boundary of the quarter section nor closer than 330 feet to a quarter-quarter section line.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

**TWIN LAKES-SAN ANDRES POOL
Chaves County, New Mexico**

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for the Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Twin Lakes-San Andres Pool, Chaves County, New Mexico, February 1, 1977, as Amended by Order No. R-5353-F, June 5, 1980.

(Order No. R-5353 supersedes Order No. R-4102, adopting temporary rules for the Twin Lakes-San Andres Pool, Chaves County, New Mexico, February 10, 1971, as amended by Order No. R-4102-A, February 8, 1972, Order No. R-4102-D, May 17, 1973, and Order No. R-4583, August 1, 1973. Order No. R-4102-D superseded Orders Nos. R-4102-B and R-4102-C, which abolished the temporary rules, and reinstated Orders Nos. R-4102 and R-4102-A.)

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 160 acres.

RULE 2. (b) (As Added by Order No. R-5353-F, June 5, 1980.) Each well, oil or gas, shall be located no nearer than 330 feet to any quarter-quarter section line, except any well drilled or any known gas producing area shall be located within 150 feet of the center of a quarter-quarter section.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

(GENERAL RULES AND REGULATIONS - ASSOCIATED OIL AND GAS POOLS - Cont'd.)

VEST RANCH-QUEEN POOL
Chaves County, New Mexico

Order No. R-5353, Adopting Special Rules and Regulations, in Addition to the General Rules and Regulations for Associated Oil and Gas Pools in Northwest and Southeast New Mexico, for the Vest Ranch-Queen Pool, Chaves County, New Mexico, February 1, 1977.

(Order No. R-5353 supersedes Order No. R-5180, adopting rules for the Vest Ranch-Queen Associated Pool, Chaves County, New Mexico, April 1, 1976.)

RULE 2. (a) A standard oil proration unit shall be 40 acres. A standard gas proration unit shall be 320 acres.

(General Pool Rules also apply unless in conflict with these Special Pool Rules.)

SOUTH EMPIRE-WOLFCAMP POOL
(Gas-Oil Ratio)
Eddy County, New Mexico

Order No. R-5405, Adopting a Gas-Oil Ratio Rule for the South Empire-Wolfcamp Pool, Eddy County, New Mexico, April 1, 1977.

Application of Amoco Production Company for Special Pool Rules, Eddy County, New Mexico.

CASE NO. 5882
Order No. R-5405

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on March 23, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 29th day of March, 1977, the Commission, a quorum being present, 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 Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Amoco Production Company, seeks, as an exception to Rule 506 of the Commission Rules and Regulations, a limiting gas-oil ratio of 6000 cubic feet of gas per barrel of oil for the South Empire Wolfcamp Pool, Eddy County, New Mexico.

(3) That the reservoir characteristics of the subject pool justify the establishment of a gas-oil limitation of 6000 cubic feet of gas per barrel of liquid hydrocarbon.

(4) That in order to afford to the owner of each property in the South Empire Wolfcamp Pool the opportunity to produce his just and equitable share of the oil and gas in the subject pool and for this purpose to use his just and equitable share of the reservoir energy, a limiting gas-oil ratio of 6000 cubic feet of gas per barrel of liquid hydrocarbons should be established for the pool.

IT IS THEREFORE ORDERED:

(1) That effective April 1, 1977, the limiting gas-oil ratio in the South Empire Wolfcamp Pool, Eddy County, New Mexico, shall be 6000 cubic feet of gas for each barrel of liquid hydrocarbons produced; that, effective April 1, 1977, each proration unit in the South Empire Wolfcamp Pool shall produce only that volume of gas equivalent to 6000 multiplied by the top unit allowable for the pool.

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

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

NORTH MESCALERO-CISCO POOL
(Gas-Oil Ratio)
Lea County, New Mexico

Order No. R-5389, Adopting a Gas-Oil Ratio Rule for the North Mescalero-Cisco Pool, Lea County, New Mexico, March 1, 1977.

Application of Pennzoil Company for Adoption of Pool Rules, Lea County, New Mexico.

CASE NO. 5850
Order No. R-5389

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on February 2, 1977, at Santa Fe, New Mexico, before Examiner, Daniel S. Nutter.

NOW, on this 15th day of March, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,