

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

330)
330-A) Consolidated
CASES: 941)
Order No. R-128-D

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION
UPON ITS OWN MOTION FOR AN
ORDER REVISING ORDER R-110 AND
ORDER R-128-C AFFECTING AND CON-
CERNING THE BLANCO-MESAVERDE
GAS POOL, SAN JUAN AND RIO ARRIBA
COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

These causes came on for hearing at 9 o'clock a.m. on
April 15, 1954 and June 21, 1954 and August 17, 1955, before the Oil
Conservation Commission of New Mexico, hereinafter referred to as the
"Commission".

NOW, on this 13th day of October, 1955, the Commission,
a quorum being present, having considered the testimony adduced and the
exhibits received at said hearings, and being fully advised in the premises,

FINDS:

(1) That due notice of the time and place of hearing and the
purpose thereof having been given as required by law, the Commission has
jurisdiction of these cases and the subject matter thereof.

(2) That there is need for the revision of Order R-128-C due
to the revision of Order R-333-B and that this order should contain all of
the provisions of Order R-128-C with all applicable changes.

IT IS THEREFORE ORDERED:

(1) That Order R-110, dated November 9, 1951 and Order R-128-C
dated December 16, 1954 is hereby amended as follows:

Section 15: Gas Proration and Allocation

RULE 1. (a) The acreage allocated to a gas well for proration
purposes shall be known as the Gas Proration Unit for that well. For the
purpose of Gas Allocation in the Blanco-Mesaverde Gas Pool, a standard pro-
ration unit shall consist of between 316 and 324 contiguous surface acres,
substantially in the form of a rectangle which shall be a legal subdivision (half
section) of the U. S. Public Land Surveys; provided however, that a non-standard

gas proration unit may be formed after notice and hearing or under the provisions of paragraph (b) of this rule. Any proration unit containing less than 316 acres or more than 324 acres shall be a non-standard proration unit. The allowable production from any non-standard proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio of the area of such non-standard proration unit expressed in acres to 320 acres. Any gas proration unit containing between 316 and 324 acres shall be considered to contain 320 acres for the purpose of computing allowables.

(b) The Secretary of the Commission shall have authority to grant an exception to Rule 1 (a) without notice and hearing where application has been filed in due form and where the following facts exist and the following provisions are complied with;

1. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.
2. The non-standard gas proration unit lies wholly within a single governmental section.
3. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas.
4. The applicant presents written consent in the form of waivers from:

(a) All operators owning interests in the section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard unit, and

(b) All operators owning interests in acreage offsetting the non-standard gas proration unit.

5. In lieu of paragraph 4 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

RULE 2. At least 30 days prior to the beginning of each gas proration period the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser its "Preliminary Nominations" of the amount of gas which each in good faith actually desires to purchase within the ensuing proration period,

by months from the Blanco-Mesaverde Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste from the pool within the ensuing proration period. "Preliminary Nominations" shall be submitted on a Form C-121-A as prescribed by the Commission.

RULE 3. In the event a gas purchaser's market shall have increased or decreased, he may file with the Commission prior to the 10th day of the month a "supplemental nomination", showing the amount of gas he actually in good faith desires to purchase during the ensuing proration month from the Blanco-Mesaverde Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month. "Supplemental Nominations" shall be submitted on a Form C-121-A as prescribed by the Commission.

Included in the monthly proration schedule shall be (a) a summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month, (b) a tabulation of the net allowable and production for the second preceding month together with a cumulative overage or underage computation, (c) a tabulation of the current and net allowables for the preceding month, (d) a tabulation of current monthly allowable for the ensuing proration month, and (e) a tabulation of the acreage and deliverabilities assigned each well, and the factors assigned each well for use in calculating individual well allowables. The Commission shall include in the proration schedule the gas wells in the Blanco-Mesaverde Gas Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule for the Blanco-Mesaverde Gas Pool any well which it finds is being unreasonably discriminated against through denial of access to a gas transportation facility, which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to the pool each month shall be equal to the sum of the preliminary or supplemental nominations (whichever is applicable), together with any adjustment which the Commission deems advisable.

If during a proration month the acreage assigned a well is increased the operator shall notify the Director in writing (Box 871, Santa Fe, New Mexico) of such increase. The increased allowable assigned the gas proration unit for the well shall be effective on the first day of the month following receipt of the notification by the Director.

RULE 4. The monthly allocation to the Blanco-Mesaverde Gas Pool shall be divided and allocated among the wells connected to a gas transportation facility in the following manner.

The product obtained by multiplying each well's acreage factor by the calculated deliverability (expressed as MCF per day) for that well shall be known as the "AD" factor for that well. The acreage factor shall

be determined to the nearest hundredth of a unit by dividing the acreage within the proration unit by 320. The "AD factor" shall be computed to the nearest whole unit.

- (1) A tentative allocation shall be made by dividing seventy-five percent (75%) of the pool allocation among the wells in the proportion that each well's "AD factor" bears to the sum of all the "AD factors" in the pool.
- (2) The remaining twenty-five (25%) of the pool allocation shall be divided among the wells in the proportion that each well's acreage factor bears to the sum of all the acreage factors in the pool.

When the tentative allowable received by a well is in excess of its known producing ability the well shall be classed as a marginal well and its allowable limited to its known producing ability. The sum of the difference between the tentative allowables and the limited allowables of all marginal wells on the proration schedule shall be reallocated to the non-marginal wells by application of the same formula. If such reallocation shall result in placing any other well within the marginal classification, the difference between the tentative allowable and the limited allowable of such marginal well shall be redistributed by application of the same formula until no well has received an allowable in excess of its known producing ability.

RULE 5. The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of Order R-333-C.

BALANCING OF PRODUCTION

RULE 6. Underproduction: The dates 7:00 a. m., February 1, and 7:00 a. m., August 1, shall be known as balancing dates and the periods of time bounded by these dates shall be known as gas proration periods. In order to effectively administer the prorationing of gas in the Blanco-Mesaverte Gas Pool, it is advisable to have a portion of each proration period include both summer and winter months. Therefore the first proration period shall commence March 1, 1955 and shall continue for a period of 11 months and future proration periods shall commence on the dates outlined above. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; but whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the well's ability to produce.

If at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size and deliverability, the marginal well shall be reclassified as a non-marginal well and its allowable prorated accordingly.

If during a proration period a marginal well is reworked or re-completed in such a manner that its productive capacity is increased to the extent that it should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Director may reclassify a well at any time if production data or deliverability tests reflect the need for such a reclassification.

RULE 7. Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equaling six times its current monthly allowable, it shall be shut-in during the current month.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in upon a showing at public hearing after due notice that complete shut-in of the well would result in material damage to the well.

GRANTING OF ALLOWABLES

RULE 8. No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 9. Allowables to newly completed gas wells shall commence

- (a) On the date of connection to a gas transportation facility, such date to be determined from an affidavit furnished to the Commission (Box 697, Aztec, New Mexico) by the purchaser;
- (b) the latest filing date of Form C-104, C-110 or the above described plat; or
- (c) a date 45 days prior to the date upon which the well's initial deliverability and shut-in pressure test is reported to the Commission on Form C-122-A in conformance with the provisions of R-333-C;

whichever date is the later.

No well shall be assigned an allowable unless a deliverability test taken in conformance with the provisions of Order R-333-C has been submitted.

Deliverability tests shall be taken and calculated in conformance with Order R-333-C, the provisions of Rule 5 of this order and the testing schedule provisions of Order R-333-C.

A change in a wells deliverability due to retest or test after re-completion or workover shall become effective the first of the month following receipt and approval of Form C-122-A for such test. Such tests shall be taken in accordance with Order R-333-C.

Deliverability tests taken during 1954 shall be used in calculating allowables for the proration period commencing March 1, 1955. Subsequent annual tests shall be used in calculating allowables for proration periods commencing during the next ensuing year.

REPORT OF PRODUCTION

RULE 10. The monthly gas production from each well shall be metered separately and the gas production therefrom shall be reported to the Commission on Form C-115 and be postmarked 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 gas produced.

Each purchaser or taker of gas in the Blanco-Mesaverde Gas Pool shall submit a report to the Commission to be postmarked 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 either Form C-111 or Form C-114 (whichever is applicable) with the wells being listed in approximately the same order as they are listed on the proration schedule. Forms C-111 and C-114 referred to herein shall be submitted in triplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, the other copies being sent to Box 697, Aztec, New Mexico and Box 2045, Hobbs, New Mexico.

Form C-115 shall be submitted in accordance with Rule 114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of what disposition has been made of the gas, provided however, that gas used in maintaining the producing ability of the well shall not be charged against the well's allowable.

RULE 11. The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made for gas transportation or utilization. It shall be the responsibility of said "taker" to submit a nomination.

RULE 12. No gas, either dry gas or casinghead gas, produced from the Blanco-Mesaverde Gas Pool except that gas used for drilling-in purposes, shall be flared or vented unless specifically authorized by order of the Commission after notice and hearing.

PROVIDED FURTHER, That in filing Form C-101 "Notice of Intention to Drill or Recomplete" or USGS Form 9-331-a (whichever is applicable), all operators shall comply strictly with the provisions of Order R-110 and the applicable provisions of Order R-397. Accompanying the above form shall be a plat of the acreage contained in the proration unit together

with a complete list of all working interest owners designating the acreage they hold within the communitized area dedicated to the well.

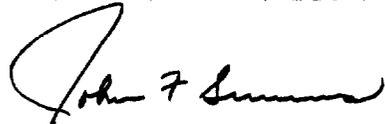
PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Director shall notify the operator of the well and the purchaser in writing of the date of allowable cancellation and the reason therefor.

PROVIDED FURTHER, That the provisions of Statewide Rule 104 (k) shall not apply to the Blanco-Mesaverde Gas Pool.

PROVIDED FURTHER, That all transporters of gas or users of gas shall file with the Commission connection notices in accordance with the above provisions of Rule 9 (a) as soon as possible after the date of connection.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



JOHN F. SIMMS, Chairman



E. S. WALKER, Member



W. B. MACEY, Member and Secretary



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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

729)
859)
CASES: 860) Consolidated
941)
ORDER NO. R-565-C

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
REVISING ORDER R-565 AFFECTING
AND CONCERNING THE FULCHER KUTZ-
PICTURED CLIFFS, THE AZTEC-PICTURED
CLIFFS, AND THE SOUTH BLANCO-PICTURED
CLIFFS GAS POOLS IN SAN JUAN AND RIO
ARRIBA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 'clock a. m. on June 16, 1954, and was thereupon continued to October 14, 1954, March 16, 1955 and August 17, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 13th day of October, 1955, the Commission, a quorum being present, having considered the records and testimony adduced, and being fully advised in the premises,

FINDS:

(1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.

(2) That there is need for the revision of Orders R-565, R-565-A, R-565-B, R-614, R-620 and their consolidation into this order, due to the revision of Order R-333-B.

IT IS THEREFORE ORDERED:

That special pool rules applicable to the Fulcher Kutz-Pictured Cliffs Gas Pool, the Aztec-Pictured Cliffs Gas Pool and the South Blanco-Pictured Cliffs Gas Pool, be and the same hereby are promulgated, as follows:

**SPECIAL RULES AND REGULATIONS
FOR THE FULCHER KUTZ-PICTURED CLIFFS
GAS POOL**

Well Spacing and Acreage Requirements for Drilling Tracts:

RULE 1: Any well drilled a distance of one mile or more from the outer boundary of the Fulcher Kutz-Pictured Cliffs Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile from the outer boundary of said pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Fulcher Kutz-Pictured Cliffs Gas Pool.

RULE 2: Each well drilled or recompleted within the Fulcher Kutz-Pictured Cliffs Gas Pool shall be located on a tract consisting of not less than a quarter section of approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys.

RULE 3: Any well drilled within the defined limits of the Fulcher Kutz-Pictured Cliffs Gas Pool shall be located on a designated drilling tract consisting of not less than a quarter section which is a legal subdivision of the U. S. Public Lands Survey, such quarter section to contain approximately 160 contiguous acres and to be substantially in the form of a square. Such well shall be located at least 990 feet from the outer boundary of said quarter section, provided, however, that a tolerance of 200 feet is permissible.

RULE 4: The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rules 2 and 3 where application has been filed in due form and such exception is required because of conditions resulting from previously drilled wells in the area or, in the case of Rule 3, the necessity for exception is based upon topographic conditions.

Applicants shall furnish all operators of leases offsetting the lease containing subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all such operators, together with a written statement that all such operators have been properly notified by registered mail. The Secretary-Director of the Commission shall wait at least 20 days before approving any such exception, and shall approve such exception only in the absence of objection of any offset operators. In the event an operator objects to the exception, the Commission shall consider the matter only after proper notice and hearing.

RULE 5: The provision of Statewide Rule 104, Paragraph (k), shall not apply to the Fulcher Kutz-Pictured Cliffs Gas Pool.

Gas Proration and Allocation:

RULE 6: (A) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Fulcher Kutz-Pictured Cliffs Gas Pool, a standard proration unit shall consist of approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter-section) of the U. S. Public Land Survey; provided, however, that a non-standard proration unit may be formed after notice and hearing by the Commission or under the provisions of Paragraph (B) of this rule.

The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio which the area of the non-standard proration unit bears to a standard proration unit of 160 acres, subject to the provisions of Rule 9 of this order. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.

(B) The Secretary of the Commission shall have authority to grant an exception to Rule 6 (A) without Notice and Hearing where application has been filed in due form and where the following facts exist and the following provisions are complied with;

1. The proposed non-standard proration unit consists of less than 160 acres or where the unorthodox size or shape of the tract is due to a variation in legal subdivision of the U. S. Public Land Surveys.
2. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.
3. The non-standard gas proration unit lies wholly within a single governmental section.
4. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas.
5. The applicant presents written consent in the form of waivers from:
 - (a) All operators owning interests in the section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit.

(b) all operators owning interests in acreage offsetting the non-standard unit.

6. In lieu of paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

RULE 7: At least 30 days prior to the beginning of each gas proration period, the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser "Preliminary Nominations" of that quantity of gas which each purchaser in good faith actually desires to purchase within the ensuing proration period, by months, from the Fulcher Kutz-Pictured Cliffs Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste from said pool within the ensuing proration period. "Preliminary Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

RULE 8: In the event a gas purchaser's market shall have increased or decreased, purchaser may file with the Commission prior to the 10th day of the month a "Supplemental Nomination" showing the amount of gas the purchaser actually in good faith desires to purchase during the ensuing proration month from the Fulcher Kutz-Pictured Cliffs Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas from said pool for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month. "Supplemental Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

Included in the monthly proration schedule shall be (a) a summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month, (b) a tabulation of the net allowable and production for the second preceding month together with a cumulative overage or underage computation, (c) a tabulation of the current and net allowables for the preceding month, (d) a tabulation of current monthly allowable for the ensuing proration month, and (e) a tabulation of the acreage and deliverabilities assigned each well, and the factors assigned each well for use in calculating individual well allowables. The Commission shall include in the proration schedule the gas wells in the Fulcher Kutz-Pictured Cliffs Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of said pool any well which

the Commission finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to said pool each month shall be equal to the sum of the preliminary or supplemental nominations, whichever is applicable, together with any adjustment which the Commission deems advisable.

If, during a proration month, the acreage assigned a well is increased, the operator shall notify the Secretary-Director in writing of such increase. The increased allowable assigned the gas proration unit for the well shall become effective on the first day of the month following receipt of the notification by the Director. All communications shall be mailed to the Director, at Box 871, Santa Fe, New Mexico.

RULE 9: The monthly gas allocation to the Fulcher Kutz-Pictured Cliffs Gas Pool shall be divided and allocated among the wells connected to a gas transportation facility in the following manner:

The product obtained by multiplying each well's acreage factor by the calculated deliverability (expressed as MCF per day) for that well shall be known as the "AD" factor for that well. The acreage factor shall be determined to the nearest hundredth of a unit by dividing the acreage within the proration unit by 160. The "AD" factor shall be computed to the nearest whole unit.

A tentative allocation shall be made by dividing seventy-five percent (75%) of the pool allocation among the wells in the proportion that each well's "AD" factor bears to the sum of the "AD" factors of all wells in the pool.

The remaining twenty-five percent (25%) of the pool allocation shall be divided among wells in the proportion that each well's acreage factor bears to the sum of the acreage factors of all wells in the pool.

When the tentative allowable received by a well is in excess of its known producing ability, the well shall be classed as a marginal well and its allowable limited to its known producing ability. The sum of the difference between the tentative allowables and the limited allowables of all marginal wells on the proration schedule shall be reallocated to the non-marginal wells by application of the same formula. If such reallocation shall result in placing any other well within the marginal classification, the difference between the tentative allowable and the limited allowable of such marginal well shall be redistributed by application of the same formula until no well has received an allowable in excess of its known producing ability.

Any well having a calculated allowable less than that of the largest allowable assigned a marginal well shall be assigned an allowable equal to the largest marginal allowable; provided that the allowable so assigned shall not be greater than the well's ability to produce. If the allowable so assigned is greater than the well's ability to produce, the well shall be limited to its ability to produce. All wells with allowables so assigned shall be classified as marginal wells.

RULE 10: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of Order R-333-C.

Balancing of Production:

RULE 11: Underproduction: The hours of 7 o'clock a. m., M.S.T. February 1, and 7 o'clock a. m., M.S.T., August 1, shall be known as balancing dates and the periods of time bound by these dates shall be known as gas proration periods. In order to effectively administer the prorationing of gas in the Fulcher Kutz-Pictured Cliffs Pool, it is advisable to have a portion of each proration period include both summer and winter months. Therefore, the first proration period shall commence on March 1, 1955, and shall continue for a period of eleven months until February 1, 1956. Future proration periods shall commence on the dates set out above. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; provided, however, that whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the level of the well's ability to produce.

If, at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size and deliverability, such marginal well shall be reclassified as a non-marginal well and its allowable prorated accordingly.

If, during a proration period a marginal well is reworked or re-completed in such a manner that its productive capacity is increased to an extent that said well should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Secretary-Director may reclassify a well at any time if production data or deliverability tests reflect the need for such reclassification.

RULE 12: Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equivalent to six times its current monthly allowable, said well shall be shut-in during the current month.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in if, upon public hearing after due notice, it is shown that complete shut-in of the well would result in material damage to said well.

Granting of Allowables:

RULE 13: No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed, together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 14: Allowables to newly completed gas wells shall commence

- (a) on the date of connection to a gas transportation facility, such date to be determined from an affidavit furnished to the Commission (Box 697, Aztec, New Mexico) by the purchaser,
- (b) The latest filing date of Form C-104, C-110 or the above described plat, or
- (c) a date 45 days prior to the date upon which the well's initial deliverability and shut-in pressure test is reported to the Commission on Form C-122 in conformance with the provisions of R-333-C,

whichever date is the later.

No well shall be assigned an allowable unless a deliverability test, or a potential test taken in conformance with the provisions of Order R-333-C has been submitted.

Deliverability tests shall be taken and calculated in conformance with Order R-333-C, the provisions of Rule 10 of this order and the testing schedule provision of Order R-333-C.

A change in a well's deliverability due to retest or test after re-completion or workover shall become effective the first of the month following receipt and approval of Form C-122-A for such test. Such tests shall be taken in accordance with Order R-333-C.

Deliverability tests taken during 1954 shall be used in calculating allowables for the proration period commencing March 1, 1955. Subsequent annual tests shall be used in calculating allowables for proration periods commencing during the next ensuing year.

Reporting of Production:

RULE 15: The monthly gas production from each well shall be metered separately and the production therefrom shall be reported to the Commission on Form C-115, and such report shall be postmarked on or before the 24th day of the month immediately following the month in which the gas reported was produced. The operator shall show on such report the disposition of the gas produced.

Each purchaser or taker of gas in the Fulcher Kutz-Pictured Cliffs Gas Pool shall submit a report to the Commission, and such report shall be postmarked on or before the 15th day of the month immediately following the month in which the gas was purchased or taken. Such report shall be filed on either Form C-111 or Form C-114, whichever is applicable, and the wells shall be listed in approximately the same order as they are found listed on the proration schedule.

Forms C-111 and C-114 as referred to herein shall be submitted in triplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, remaining copies will be sent to Box 697, Aztec, New Mexico and Box 2045, Hobbs, New Mexico, respectively.

Forms C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of the disposition of the gas; provided, however, that gas used in maintaining the producing ability of the well shall not be charged against the allowable.

RULE 16: The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made to facilitate the transportation or utilization of gas. It shall be the responsibility of said "taker" to submit a nomination in accordance with Rules 7 and 8 of this order.

RULE 17: No gas, either dry gas or casinghead gas, produced from the Fulcher Kutz-Pictured Cliffs Gas Pool, except that gas used for "drilling-in" purposes, shall be flared or vented unless specifically authorized by order of the Commission after notice and hearing.

**SPECIAL RULES AND REGULATIONS
FOR THE AZTEC-PICTURED CLIFFS
GAS POOL**

Well Spacing and Acreage Requirements for Drilling Tracts:

RULE 1: Any well drilled a distance of one mile or more from the outer boundary of the Aztec-Pictured Cliffs Gas Pool shall be classified as a wildcat well. Any well drilled less than one mile from the outer boundary of said pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the Aztec-Pictured Cliffs Gas Pool.

RULE 2: Each well drilled or recompleted within the Aztec-Pictured Cliffs Gas Pool shall be located on a tract consisting of not less than a quarter section approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys.

RULE 3: Any well drilled within the defined limits of the Aztec-Pictured Cliffs Gas Pool shall be located on a designated drilling tract consisting of not less than a quarter section which is a legal subdivision of the U. S. Public Lands Survey, such quarter section to contain approximately 160 surface contiguous acres and to be substantially in the form of a square. Such well shall be located at least 990 feet from the outer boundary of said quarter section, provided, however, that a tolerance of 200 feet is permissible.

RULE 4: The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rules 2 and 3 where application has been filed in due form and such exception is required because of conditions resulting from previously drilled wells in the area or, in the case of Rule 3, the necessity for exception is based upon topographic conditions.

Applicants shall furnish all operators of leases offsetting the lease containing subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all such operators, together with a written statement that all such operators have been properly notified by registered mail. The Secretary-Director of the Commission shall wait at least 20 days before approving any such exception, and shall approve such exception only in the absence of objection of any offset operators. In the event an operator objects to the exception, the Commission shall consider the matter only after proper notice and hearing.

RULE 5: The provision of Statewide Rule 104, Paragraph (k), shall not apply to the Aztec-Pictured Cliffs Gas Pool.

Gas Proration and Allocation:

RULE 6: (A) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the Aztec-Pictured Cliffs gas pool, a standard proration unit shall consist of approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter-section) of the U. S. Public Land Survey; provided, however, that a non-standard unit may be formed after notice and hearing by the Commission or under the provisions of Paragraph (B) of this Rule.

The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio which the area of the non-standard proration unit bears to a standard proration unit of 160 acres, subject to the provisions of Rule 9 of this order. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.

(B) The Secretary of the Commission shall have authority to grant an exception to Rule 6 (A) without Notice and Hearing where application has been filed in due form and where the following facts exist and the following provisions are complied with:

1. The proposed non-standard proration unit consists of less than 160 acres or where the unorthodox size or shape of the tract is due to a variation in legal subdivision of the U. S. Public Land Surveys.
2. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.
3. The non-standard gas proration unit lies wholly within a single governmental section.
4. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas.
5. The applicant presents written consent in the form of waivers from:
 - (a) all operators owning interests in the section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit.
 - (b) all operators owning interests in acreage offsetting the non-standard unit.
6. In lieu of paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

RULE 7: At least 30 days prior to the beginning of each gas proration period, the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser "Preliminary Nominations" of that quantity of gas which each purchaser in good faith actually desires to purchase within the ensuing proration period, by months, from the Aztec-Pictured Cliffs Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste from said pool within the ensuing proration period. "Preliminary Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

RULE 8: In the event a gas purchaser's market shall have increased or decreased, purchaser may file with the Commission prior to the 10th day of the month a "Supplemental Nomination" showing the amount of gas the purchaser actually in good faith desires to purchase during the ensuing proration month from the Aztec-Pictured Cliffs Gas Pool. The Commission shall

hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas from said pool for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month. "Supplemental Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

Included in the monthly proration schedule shall be (a) a summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month, (b) a tabulation of the net allowable and production for the second preceding month together with a cumulative overage or underage computation, (c) a tabulation of the current and net allowables for the preceding month, (d) a tabulation of current monthly allowable for the ensuing proration month, and (e) a tabulation of the acreage and deliverabilities assigned each well, and the factors assigned each well for use in calculating individual well allowables. The Commission shall include in the proration schedule the gas wells in the Aztec-Pictured Cliffs Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of said pool any well which the Commission finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to said pool each month shall be equal to the sum of the preliminary or supplemental nominations, whichever is applicable, together with any adjustment which the Commission deems advisable.

If, during a proration month, the acreage assigned a well is increased, the operator shall notify the Secretary-Director in writing of such increase. The increased allowable assigned the gas proration unit for the well shall become effective on the first day of the month following receipt of the notification by the Director. All communications shall be mailed to the Director, at Box 871, Santa Fe, New Mexico.

RULE 9: The monthly gas allocation to the Aztec-Pictured Cliffs Gas Pool shall be divided and allocated among the wells connected to a gas transportation facility in the following manner:

The product obtained by multiplying each well's acreage factor by the calculated deliverability (expressed as MCF per day) for that well shall be known as the "AD" factor for that well. The acreage factor shall be determined to the nearest hundredth of a unit by dividing the acreage within the proration unit by 160. The "AD" factor shall be computed to the nearest whole unit.

A tentative allocation shall be made by dividing seventy-five percent (75%) of the pool allocation among the wells in the proportion that each well's "AD" factor bears to the sum of the "AD" factors of all wells in the pool.

The remaining twenty-five percent (25%) of the pool allocation shall be divided among wells in the proportion that each well's acreage factor bears to the sum of the acreage factors of all wells in the pool.

When the tentative allowable received by a well is in excess of its known producing ability, the well shall be classed as a marginal well and its allowable limited to its known producing ability. The sum of the difference between the tentative allowables and the limited allowables of all marginal wells on the proration schedule shall be reallocated to the non-marginal wells by application of the same formula. If such reallocation shall result in placing any other well within the marginal classification, the difference between the tentative allowable and the limited allowable of such marginal well shall be redistributed by application of the same formula until no well has received an allowable in excess of its known producing ability.

Any well having a calculated allowable less than that of the largest allowable assigned a marginal well shall be assigned an allowable equal to the largest marginal allowable; provided that the allowable so assigned shall not be greater than the well's ability to produce. If the allowable so assigned is greater than the well's ability to produce, the well shall be limited to its ability to produce. All wells with allowables so assigned shall be classified as marginal wells.

RULE 10: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of Order R-333-C.

Balancing of Production:

RULE 11; Underproduction: The hours of 7 o'clock a.m., M.S.T. February 1, and 7 o'clock a.m., M. S. T., August 1, shall be known as balancing dates and the periods of time bound by these dates shall be known as gas proration periods. In order to effectively administer the prorationing of gas in the Aztec-Pictured Cliffs Pool, it is advisable to have a portion of each proration period include both summer and winter months. Therefore, the first proration period shall commence on March 1, 1955, and shall continue for a period of eleven months until February 1, 1956. Future proration periods shall commence on the dates set out above. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; provided, however, that whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the level of the well's ability to produce.

If, at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size and deliverability, such marginal well shall be reclassified as a non-marginal well and its allowable prorated accordingly.

If, during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to an extent that said

well should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Secretary-Director may reclassify a well at any time if production data or deliverability tests reflect the need for such reclassification.

RULE 12: Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equivalent to six times its current monthly allowable, said well shall be shut-in during the current month.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in if, upon public hearing after due notice, it is shown that complete shut-in of the well would result in material damage to said well.

Granting of Allowables:

RULE 13: No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed, together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 14: Allowables to newly completed gas wells shall commence

(a) on the date of connection to a gas transportation facility, such date to be determined from an affidavit furnished to the Commission (Box 697, Aztec, New Mexico) by the purchaser,

(b) the latest filing date of Form C-104, C-110 or the above described plat, or

(c) a date 45 days prior to the date upon which the well's initial deliverability and shut-in pressure test is reported to the Commission on Form C-122-A in conformance with the provisions of R-333-C,

whichever date is the later.

No well shall be assigned an allowable unless a deliverability test, taken in conformance with the provisions of Order R-333-C has been submitted.

Deliverability tests shall be taken and calculated in conformance with Order R-333-C, the provisions of Rule 10 of this order and the testing schedule provisions of Order R-333-C.

A change in a well's deliverability due to retest or test after recompletion or workover shall become effective the first of the month following receipt and approval of Form C-122-A for such test. Such tests shall be taken in accordance with Order R-333-C.

Deliverability tests taken during 1954 shall be used in calculating allowables for the proration period commencing March 1, 1955. Subsequent annual tests shall be used in calculating allowables for proration periods commencing during the next ensuing year.

Reporting of Production:

RULE 15: The monthly gas production from each well shall be metered separately and the production therefrom shall be reported to the Commission on Form C-115, and such report shall be postmarked on or before the 24th day of the month immediately following the month in which the gas reported was produced. The operator shall show on such report the disposition of the gas produced.

Each purchaser or taker of gas in the Aztec-Pictured Cliffs Gas Pool shall submit a report to the Commission, and such report shall be postmarked on or before the 15th day of the month immediately following the month in which the gas was purchased or taken. Such report shall be filed on Form C-111 or Form C-114, whichever is applicable, and the wells shall be listed in approximately the same order as they are found listed on the proration schedule.

Forms C-111 and C-114 as referred to herein shall be submitted in triplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, remaining copies will be sent to Box 697, Aztec, New Mexico and Box 2045, Hobbs, New Mexico, respectively.

Forms C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of the disposition of the gas; provided, however, that gas used in maintaining the producing ability of the well shall not be charged against the allowable.

RULE 16: The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made to facilitate the transportation or utilization of gas. It shall be the responsibility of said "taker" to submit a nomination in accordance with Rules 7 and 8 of this order.

RULE 17: No gas, either dry gas or casinghead gas, produced from the Aztec-Pictured Cliffs Gas Pool, except that gas used for "drilling-in" purposes, shall be flared or vented unless specifically authorized by order of the Commission after notice and hearing.

**SPECIAL RULES AND REGULATIONS
FOR THE SOUTH BLANCO-PICTURED CLIFFS
GAS POOL**

Well Spacing and Acreage Requirements for Drilling Tracts:

RULE 1: Any well drilled a distance of one mile or more from the outer boundary of the South Blanco-Pictured Cliffs Gas Pool shall be classified

as a wildcat well. Any well drilled less than one mile from the outer boundary of said pool shall be spaced, drilled, operated and prorated in accordance with the regulations in effect in the South Blanco-Pictured Cliffs Gas Pool.

RULE 2: Each well drilled or recompleted within the South Blanco-Pictured Cliffs Gas Pool shall be located on a tract consisting of not less than a quarter section of approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys.

RULE 3: Any well drilled within the defined limits of the South Blanco-Pictured Cliffs Gas Pool shall be located on a designated drilling tract consisting of not less than a quarter section which is a legal subdivision of the U. S. Public Lands Survey, such quarter section to contain approximately 160 surface contiguous acres and to be substantially in the form of a square. Such well shall be located at least 990 feet from the outer boundary of said quarter section, provided, however, that a tolerance of 200 feet is permissible.

RULE 4: The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rules 2 and 3 where application has been filed in due form and such exception is required because of conditions resulting from previously drilled wells in the area or, in the case of Rule 3, the necessity for exception is based upon topographic conditions.

Applicants shall furnish all operators of leases offsetting the lease containing subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all such operators, together with a written statement that all such operators have been properly notified by registered mail. The Secretary-Director of the Commission shall wait at least 20 days before approving any such exception, and shall approve such exception only in the absence of objection of any offset operators. In the event an operator objects to the exception, the Commission shall consider the matter only after proper notice and hearing.

RULE 5: The provision of Statewide Rule 104, Paragraph (k), shall not apply to the South Blanco-Pictured Cliffs Gas Pool.

Gas Proration and Allocation:

RULE 6: (1) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the South Blanco-Pictured Cliffs Gas Pool, a standard proration unit shall consist of approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter-section) of the U. S. Public Land Survey; provided, however, that a non-standard proration unit may be formed after notice and hearing by the Commission or under the provisions of Paragraph (B) of this Rule.

The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio which the area of the non-standard proration unit bears to a standard proration unit of 160 acres, subject to the provisions of Rule 9 of this order. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.

(B) The Secretary of the Commission shall have authority to grant an exception to Rule 6 (a) without Notice and Hearing where application has been filed in due form and where the following facts exist and the following provisions are complied with:

1. The proposed non-standard proration unit consists of less than 160 acres or where the unorthodox size or shape of the tract is due to a variation in legal subdivision of the U. S. Public Land Surveys.

2. The non-standard gas proration unit consists of contiguous quarter-quarter sections and/or lots.

3. The non-standard gas proration unit lies wholly within a single governmental section.

4. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas.

5. The applicant presents written consent in the form of waivers from:

(a) all operators owning interests in the section in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration unit.

(b) all operators owning interests in acreage offsetting the non-standard unit.

6. In lieu of paragraph 5 of this rule, the applicant may furnish proof of the fact that said offset operators were notified by registered mail of his intent to form such non-standard gas proration unit. The Secretary of the Commission may approve the application if, after a period of 30 days following the mailing of said notice, no operator has made objection to formation of such non-standard gas proration unit.

RULE 7: At least 30 days prior to the beginning of each gas proration period, the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser "Preliminary Nominations" of that quantity of gas which each purchaser in good faith actually desires to purchase within the ensuing proration period, by months, from the South Blanco-Pictured Cliffs Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production, and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste from said pool within the ensuing proration period. "Preliminary Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

RULE 8: In the event a gas purchaser's market shall have increased or decreased, purchaser may file with the Commission prior to the 10th day of the month a "Supplemental Nomination" showing the amount of gas the purchaser actually in good faith desires to purchase during the ensuing proration month from the South Blanco-Pictured Cliffs Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas from said pool for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month. "Supplemental Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

Included in the monthly proration schedule shall be (a) a summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month, (b) a tabulation of the net allowable and production for the second preceding month together with a cumulative overage or underage computation, (c) a tabulation of the current and net allowables for the preceding month, (d) a tabulation of current monthly allowable for the ensuing proration month, and (e) a tabulation of the acreage and deliverabilities assigned each well, and the factors assigned each well for use in calculating individual well allowables. The Commission shall include in the proration schedule the gas wells in the South Blanco-Pictured Cliffs Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of said pool any well which the Commission finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to said pool each month shall be equal to the sum of the preliminary or supplemental nominations, whichever is applicable together with any adjustment which the Commission deems advisable.

If, during a proration month, the acreage assigned a well is increased, the operator shall notify the Secretary-Director in writing of such increase. The increased allowable assigned the gas proration unit for the well shall become effective on the first day of the month following receipt of the notification by the Director. All communications shall be mailed to the Director, at Box 871, Santa Fe, New Mexico.

RULE 9: The monthly gas allocation to the South Blanco-Pictured Cliffs Gas Pool shall be divided and allocated among the wells connected to a gas transportation facility in the following manner:

The product obtained by multiplying each well's acreage factor by the calculated deliverability (expressed as MCF per day) for that well shall be known as the "AD" factor for that well. The acreage factor shall be determined to the nearest hundredth of a unit by dividing the acreage within the proration unit by 160. The "AD" factor shall be computed to the nearest whole unit.

A tentative allocation shall be made by dividing seventy-five percent (75%) of the pool allocation among the wells in the proportion that each well's "AD" factor bears to the sum of the "AD" factors of all wells in the pool.

The remaining twenty-five percent (25%) of the pool allocation shall be divided among wells in the proportion that each well's acreage factor bears to the sum of the acreage factors of all wells in the pool.

When the tentative allowable received by a well is in excess of its known producing ability, the well shall be classed as a marginal well and its allowable limited to its known producing ability. The sum of the difference between the tentative allowables and the limited allowables of all marginal wells on the proration schedule shall be reallocated to the non-marginal wells by application of the same formula. If such reallocation shall result in placing any other well within the marginal classification, the difference between the tentative allowable and the limited allowable of such marginal well shall be redistributed by application of the same formula until no well has received an allowable in excess of its known producing ability.

Any well having a calculated allowable less than that of the largest allowable assigned a marginal well shall be assigned an allowable equal to the largest marginal allowable; provided that the allowable so assigned shall not be greater than the well's ability to produce. If the allowable so assigned is greater than the well's ability to produce, the well shall be limited to its ability to produce. All wells with allowables so assigned shall be classified as marginal wells.

RULE 10: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of Order R-333-C.

Balancing of Production:

RULE 11: Underproduction: The hours of 7 o'clock a. m., M.S.T. February 1, and 7 o'clock a. m., M.S.T., August 1, shall be known as balancing dates and the periods of time bound by these dates shall be known as gas proration periods. In order to effectively administer the prorationing of gas in the South Blanco-Pictured Cliffs Pool, it is advisable to have a portion of each proration period include both summer and winter months.

Therefore, the first proration period shall commence on March 1, 1955, and shall continue for a period of eleven months until February 1, 1956. Future proration periods shall commence on the dates set out above. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; provided, however, that whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the level of the well's ability to produce.

If, at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size and deliverability, such marginal well shall be reclassified as a non-marginal well and its allowable prorated accordingly.

If, during a proration period a marginal well is reworked or re-completed in such a manner that its productive capacity is increased to an extent that said well should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Secretary-Director may reclassify a well at any time if production data or deliverability tests reflect the need for such reclassification.

RULE 12: Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equivalent to six times its current monthly allowable, said well shall be shut-in during the current month.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in if, upon public hearing after due notice, it is shown that complete shut-in of the well would result in material damage to said well.

Granting of Allowables:

RULE 13: No gas well shall be given an allowable until Form C-104 and Form C-110 have been filed, together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 14: Allowables to newly completed gas wells shall commence

(a) on the date of connection to a gas transportation facility, such date to be determined from an affidavit furnished to the Commission (Box 697, Aztec, N. M.) by the purchaser,

(b) the latest filing date of Form C-104, C-110 or the above described plat, or

(c) a date 45 days prior to the date upon which the well's initial deliverability and shut-in pressure test is reported to the Commission on Form C-122-A in conformance with the provisions of R-333-C,

whichever date is the later.

No well shall be assigned an allowable unless a deliverability test, or a potential test taken in conformance with the provisions of Order R-333-C has been submitted.

Deliverability tests shall be taken and calculated in conformance with Order R-333-C, the provisions of Rule 10 of this order and the testing schedule provisions of Order R-333-C.

A change in a wells deliverability due to retest or test after re-completion or workover shall become effective the first of the month following receipt and approval of form C-122-A for such test. Such tests shall be taken in accordance with Order R-333-C.

Deliverability tests taken during 1954 shall be used in calculating allowables for the proration period commencing March 1, 1955. Subsequent annual tests shall be used in calculating allowables for proration periods commencing during the next ensuing year.

Reporting of Production:

RULE 15: The monthly gas production from each well shall be metered separately and the production therefrom shall be reported to the Commission on Form C-115, and such report shall be postmarked on or before the 24th day of the month immediately following the month in which the gas reported was produced. The operator shall show on such report the disposition of the gas produced.

Each purchaser or taker of gas in the South Blanco-Pictured Cliffs Gas Pool shall submit a report to the Commission and such report shall be postmarked on or before the 15th day of the month immediately following the month in which the gas was purchased or taken. Such report shall be filed on either Form C-111 or Form C-114, whichever is applicable, and the wells shall be listed in approximately the same order as they are found listed on the proration schedule.

Forms C-111 and C-114 as referred to herein shall be submitted in triplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, remaining copies will be sent to Box 697, Aztec, New Mexico and Box 2045, Hobbs, New Mexico, respectively.

Forms C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of the disposition of the gas; provided, however, that gas used in maintaining the producing ability of the well shall not be charged against the allowable.

RULE 16: The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made to facilitate the transportation or utilization of gas. It shall be the responsibility of said "taker" to submit a nomination in accordance with Rules 7 and 8 of this order.

RULE 17: No gas, either dry gas or casinghead gas, produced from the South Blanco-Pictured Cliffs Gas Pool, except that gas used for "drilling-in" purposes, shall be flared or vented unless specifically authorized by order of the Commission after notice and hearing.

The following provisions shall apply to the Aztec Pictured Cliffs Gas Pool, the Fulcher Kutz-Pictured Cliffs Gas Pool and the South Blanco-Pictured Cliffs Gas Pool.

PROVIDED FURTHER, That in filing Form C-101, "Notice of Intention to Drill or Recomplete", or USGS Form 9-331-a, (whichever is applicable), all operators shall strictly comply with the applicable provisions of Rule 104 (b). Accompanying the above form shall be a plat of the acreage contained in the proration unit, together with a complete list of all working interest owners designating the acreage they hold within the communitized area dedicated to the well.

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Secretary-Director shall notify the operator of the well and the purchaser, in writing, of the date of allowable cancellation and the reason therefor.

PROVIDED FURTHER, That all transporters of gas or users of gas shall furnish connection notices to the Commission in accordance with the provisions of Rule 14, as soon as possible after the date of connection.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John F. Simms
JOHN F. SIMMS, Chairman

E. S. Walker
E. S. WALKER, Member

W. B. Macey
W. B. MACEY, Member and Secretary



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

941)
CASES: 696) consolidated
Order No. R-566-D

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
REVISING ORDER R-566-C AFFECT-
ING AND CONCERNING THE WEST KUTZ-
PICTURED CLIFFS GAS POOL, SAN
JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing on May 19, 1954, June 24, 1954,
July 14, 1954, and August 17, 1955, at Santa Fe, New Mexico, before the
Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 13th day of October, 1955, the Commission, a
quorum being present, having considered the records and the testimony adduc-
ed and being fully advised in the premises,

FINDS:

(1) That due notice of the time and place of hearing and the
purpose thereof having been given as required by law, the Commission has
jurisdiction of this case and the subject matter thereof.

(2) That there is need for the revision of Orders R-566, R-566-A,
R-566-B, and R-566-C and their consolidation into this order, due to the
revision of Order R-333-B.

IT IS THEREFORE ORDERED:

That the following shall be the:

SPECIAL RULES AND REGULATIONS
FOR THE WEST KUTZ-PICTURED CLIFFS
GAS POOL

Well Spacing and Acreage Requirements for Drilling Tracts:

RULE 1: Any well drilled a distance of one mile or more from the
outer boundary of the West Kutz-Pictured Cliffs Gas Pool shall be classified
as a wildcat well. Any well drilled less than one mile from the outer boundary
of said pool shall be spaced, drilled, operated and prorated in accordance with
the regulations in effect in the West Kutz-Pictured Cliffs Gas Pool.

RULE 2: Each well drilled or recompleted within the West Kutz-Pictured Cliffs Gas Pool shall be located on a tract consisting of not less than a quarter section of approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter section) of the U. S. Public Land Surveys.

RULE 3: Any well drilled within the defined limits of the West Kutz-Pictured Cliffs Gas Pool shall be located on a designated drilling tract consisting of not less than a quarter section which is a legal subdivision of the U. S. Public Lands Survey, such quarter section to contain approximately 160 contiguous acres and to be substantially in the form of a square. Such well shall be located at least 990 feet from the outer boundary of said quarter section, provided, however, that a tolerance of 200 feet is permissible.

RULE 4: The Secretary-Director of the Commission shall have authority to grant exception to the requirements of Rules 2 and 3 where application has been filed in due form and such exception is required because of conditions resulting from previously drilled wells in the area or, in the case of Rule 3, the necessity for exception is based upon topographic conditions.

Applicants shall furnish all operators of leases offsetting the lease containing subject well a copy of the application to the Commission, and applicant shall include with his application a list of names and addresses of all such operators, together with a written statement that all such operators have been properly notified by registered mail. The Secretary-Director of the Commission shall wait at least 20 days before approving any such exception, and shall approve such exception only in the absence of objection of any offset operators. In the event an operator objects to the exception, the Commission shall consider the matter only after proper notice and hearing.

RULE 5: The provision of Statewide Rule 104, Paragraph (k), shall not apply to the West Kutz-Pictured Cliffs Gas Pool.

Gas Proration and Allocation:

RULE 6: (A) The acreage allocated to a gas well for proration purposes shall be known as the gas proration unit for that well. For the purpose of gas allocation in the West Kutz-Pictured Cliffs Gas Pool, a standard proration unit shall consist of approximately 160 surface contiguous acres substantially in the form of a square which shall be a legal subdivision (quarter-section) of the U. S. Public Land Survey; provided, however, that a non-standard gas proration unit may be formed after notice and hearing by the Commission or under the provisions of Paragraph (B) of this Rule.

The allowable production from any non-standard gas proration unit as compared with the allowable production therefrom if such tract were a standard unit shall be in the ratio which the area of the non-standard proration unit bears to a standard proration unit of 160 acres. Any gas proration unit containing between 158 and 162 acres shall be considered to contain 160 acres for the purpose of computing allowables.

(B) The Secretary-Director of the Commission shall have authority to grant an exception to Rule 6 (A) without notice and hearing where application has been filed in due form and where the following facts exist and the following provisions are complied with:

1. The proposed non-standard proration unit consists of less than 158 acres.
2. The unorthodox size or shape of the tract is due to a variation in legal subdivision of the U. S. Public Land Surveys.
3. The acreage assigned the non-standard unit lies wholly within a legal section.
4. The acreage assigned the non-standard unit is contiguous with the acreage containing said well.
5. The entire non-standard gas proration unit may reasonably be presumed to be productive of gas.
6. The length or width of the non-standard gas proration unit does not exceed 2640 feet.
7. The operator making application for such exception to Rule 6 (A) includes with such application:

(a) Waivers from (1) all operators owning interests in the quarter sections in which any part of the non-standard gas proration unit is situated and which acreage is not included in said non-standard gas proration units; and (2) all operators owning interests in acreage offsetting the non-standard proration unit; or

(b) A list of names and mailing addresses of all operators outlined in paragraph (a) above, together with proof of the fact that said operators were notified by registered mail of the intent of the applicant to form such non-standard gas proration unit. The Secretary-Director of the Commission may approve such application if, after a period of 20 days following the mailing of said notice, no operator as outlined in paragraph (a) (1) above has entered an objection to the formation of such non-standard gas proration unit.

RULE 7: At least 30 days prior to the beginning of each gas proration period, the Commission shall hold a hearing after due notice has been given. The Commission shall cause to be submitted by each gas purchaser "Preliminary Nominations" of that quantity of gas which each purchaser in good faith actually desires to purchase within the ensuing proration period, by months, from the West Kutz-Pictured Cliffs Gas Pool. The Commission shall consider the "Preliminary Nominations" of purchasers, actual production and such other factors as may be deemed applicable in determining the amount of gas that may be produced without waste from said pool within the ensuing proration period. "Preliminary Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

RULE 8: In the event a gas purchaser's market shall have increased or decreased, purchaser may file with the Commission prior to the 10th day of the month a "Supplemental Nomination" showing the amount of gas the purchaser actually in good faith desires to purchase during the ensuing proration month from the West Kutz-Pictured Cliffs Gas Pool. The Commission shall hold a public hearing between the 13th and 20th days of each month to determine the reasonable market demand for gas from said pool for the ensuing proration month, and shall issue a proration schedule setting out the amount of gas which each well may produce during the ensuing proration month.

"Supplemental Nominations" shall be submitted on Form C-121-A as prescribed by the Commission.

Included in the monthly proration schedule shall be (a) a summary of the total pool allocation for that month showing nominations, and adjustments made for underage or overage applied from a previous month, (b) a tabulation of the net allowable and production for the second preceding month together with a cumulative overage or underage computation, (c) a tabulation of the current and net allowables for the preceding month, (d) a tabulation of current monthly allowable for the ensuing proration month, and (e) a tabulation of the acreage and deliverabilities assigned each well, and the factors assigned each well for use in calculating individual well allowables. The Commission shall include in the proration schedule the gas wells in the West Kutz-Pictured Cliffs Pool delivering to a gas transportation facility, or lease gathering system, and shall include in the proration schedule of said pool any well which the Commission finds is being unreasonably discriminated against through denial of access to a gas transportation facility which is reasonably capable of handling the type of gas produced by such well. The total allowable to be allocated to said pool each month shall be equal to the sum of the preliminary or supplemental nominations, whichever is applicable, together with any adjustment which the Commission deems advisable.

If, during a proration month, the acreage assigned a well is increased, the operator shall notify the Secretary-Director in writing of such increase. The increased allowable assigned the gas proration unit for the well shall become effective on the first day of the month following receipt of the notification by the Director. All communications shall be mailed to the Director, at Box 871, Santa Fe, New Mexico.

RULE 9: The monthly gas allocation to the West Kutz-Pictured Cliffs Pool shall be divided and allocated among the wells connected to a gas transportation facility in the following manner:

The product obtained by multiplying each well's acreage factor by the calculated deliverability (expressed as MCF per day) for that well shall be known as the "AD" factor for that well. The acreage factor shall be determined to the nearest hundredth of a unit by dividing the acreage within the proration unit by 160. The "AD" factor shall be computed to the nearest whole unit.

A tentative allocation shall be made by dividing seventy-five percent (75%) of the pool allocation among the wells in the proportion that each well's "AD" factor bears to the sum of the "AD" factors of all wells in the pool.

The remaining twenty-five percent (25%) of the pool allocation shall be divided among wells in the proportion that each well's acreage factor bears to the sum of the acreage factors of all wells in the pool.

When the tentative allowable received by a well is in excess of its known producing ability, the well shall be classed as a marginal well and its allowable limited to its known producing ability. The sum of the difference between the tentative allowables and the limited allowables of all marginal wells on the proration schedule shall be reallocated to the non-marginal wells by application of the same formula. If such reallocation shall result in placing any other well within the marginal classification, the difference between the tentative allowable and the limited allowable of such marginal well shall be redistributed by application of the same formula until no well has received an allowable in excess of its known producing ability.

RULE 10: The calculated deliverability at the "deliverability pressure" shall be determined in accordance with the provisions of Order R-333-C.

Balancing of Production:

RULE 11: Underproduction: The hours of 7 o'clock a.m., M.S.T., February 1, and 7 o'clock a.m., M.S.T., August 1, shall be known as balancing dates and the periods of time bound by these dates shall be known as gas proration periods. In order to effectively administer the prorationing of gas in the West Kutz-Pictured Cliffs Pool, it is advisable to have a portion of each proration period include both summer and winter months. Therefore, the first proration period shall commence on March 1, 1955, and shall continue for a period of eleven months until February 1, 1956. Future proration periods shall commence on the dates set out above. The amount of current gas allowable remaining unproduced at the end of each proration period shall be carried forward to and may be produced during the next succeeding proration period in addition to the normal gas allowable for such succeeding period; provided, however, that whatever amount thereof is not made up within the first succeeding proration period shall be cancelled.

If it appears that such continued underproduction has resulted from inability of the well to produce its allowable, it may be classified as a marginal well and its allowable reduced to the level of the well's ability to produce.

If, at the end of a proration period a marginal well has produced more than the total allowable assigned a non-marginal unit of corresponding size and deliverability, such marginal well shall be reclassified as a non-marginal well and its allowable prorated accordingly.

If, during a proration period a marginal well is reworked or recompleted in such a manner that its productive capacity is increased to an extent that said well should be reclassified as a non-marginal well, the reclassification shall be effective on the first day of the proration month following the date of recompletion.

The Secretary-Director may reclassify a well at any time if production data or deliverability tests reflect the need for such reclassification.

RULE 12: Overproduction: A well which has produced a greater amount of gas than was allowed during a given proration period shall have its allowable for the first succeeding proration period reduced by the amount of such overproduction and such overproduction shall be made up within the first succeeding proration period. If, at any time, a well is overproduced an amount equivalent to six times its current monthly allowable, said well shall be shut-in during the current month.

The Commission may allow overproduction to be made up at a lesser rate than would be the case if the well were completely shut-in if, upon public hearing after due notice, it is shown that complete shut-in of the well would result in material damage to said well.

Granting of Allowables:

RULE 13: No gas well shall be given an allowable until Form

C-104 and Form C-110 have been filed, together with a plat showing acreage attributed to said well and the locations of all wells on the lease.

RULE 14: Allowables to newly completed gas wells shall commence (a) on the date of connection to a gas transportation facility, such date to be determined from an affidavit furnished to the Commission (Box 697, Aztec, New Mexico) by the purchaser, (b) the latest filing date of Form C-104, Form C-110 or the above described plat, or (c) a date 45 days prior to the date upon which the well's initial deliverability and shut-in pressure test is reported to the Commission on Form C-122-A in conformance with the provisions of R-333-C, whichever date is the later.

No well shall be assigned an allowable unless a deliverability test, or a potential test taken in conformance with the provisions of Order R-333-C has been submitted.

Deliverability tests shall be taken and calculated in conformance with Order R-333-C, the provisions of Rule 10 of this order and the testing schedule provisions of Order R-333-C.

A change in a wells deliverability due to retest or test after recompletion or workover shall become effective the first of the month following receipt and approval of Form C-122-A for such test. Such tests shall be taken in accordance with Order R-333-C.

Deliverability tests taken during 1954 shall be used in calculating allowables for the proration period commencing March 1, 1955. Subsequent annual tests shall be used in calculating allowables for proration periods commencing during the next ensuing year.

Reporting of Production:

RULE 15: The monthly gas production from each well shall be metered separately and the production therefrom shall be reported to the Commission on Form C-115, such form shall be postmarked on or before the 24th day of the month immediately following the month in which the gas reported was produced. The operator shall show on such report the disposition of the gas produced.

Each purchaser or taker of gas in the West Kutz-Pictured Cliffs Gas Pool shall submit a report to the Commission, and such report shall be postmarked on or before the 15th day of the month immediately following the month in which the gas was purchased or taken. Such report shall be filed on either Form C-111 or Form C-114, whichever is applicable, and the wells shall be listed in approximately the same order as they are found listed on the proration schedule.

Forms C-111 and C-114 as referred to herein shall be submitted in triplicate, the original being sent to the Commission at Box 871, Santa Fe, New Mexico, remaining copies will be sent to Box 697, Aztec, New Mexico, and Box 2045, Hobbs, New Mexico, respectively.

Forms C-115 shall be submitted in accordance with Rule 1114 of the Commission's Rules and Regulations.

The full production of gas from each well shall be charged against the well's allowable regardless of the disposition of the gas; provided, however, that gas used in maintaining the producing ability of the well shall not be charged against the allowable.

RULE 16: The term "gas purchaser" as used in these rules, shall mean any "taker" of gas either at the wellhead or at any point on the lease where connection is made to facilitate the transportation or utilization of gas. It shall be the responsibility of said "taker" to submit a nomination in accordance with Rules 7 and 8 of this order.

RULE 17: No gas, either dry gas or casinghead gas, produced from the West Kutz-Pictured Cliffs Gas Pool, except that gas used for "drilling-in" purposes, shall be flared or vented unless specifically authorized by order of the Commission after notice and hearing.

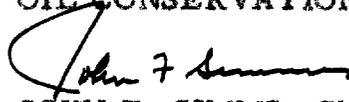
PROVIDED FURTHER, That in filing Form C-101, "Notice of Intention to Drill", or USGS Form 9-331-a, (whichever is applicable), all operators shall strictly comply with the applicable provisions of Rule 104 (b). Accompanying the above form shall be a plat of the acreage contained in the proration unit, together with a complete list of all working interest owners designating the acreage they hold within the communitized area dedicated to the well.

PROVIDED FURTHER, That failure to comply with the provisions of this order or the rules contained herein shall result in the cancellation of allowable assigned to the affected well. No further allowable shall be assigned to the affected well until all rules and regulations are complied with. The Secretary-Director shall notify the operator of the well and the purchaser, in writing, of the date of allowable cancellation and the reason therefor.

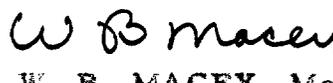
PROVIDED FURTHER, That all transporters of gas or users of gas shall file with the Commission connection notices in accordance with the provisions of Rule 14, as soon as possible after the date of connection.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


JOHN F. SIMMS, Chairman


E. S. WALKER, Member


W. B. MACEY, Member and Secretary

