

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:

CASES 249 AND 315  
(Consolidated)  
ORDER No. R-69-A

THE MATTER OF THE APPLICATION OF  
AMERADA PETROLEUM CORPORATION  
FOR AN ORDER ESTABLISHING PRORATION  
UNITS AND UNIFORM SPACING OF WELLS  
FOR THE BAGLEY-SILURO-DEVONIAN POOL,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at Santa Fe, New Mexico, on April 24, 1951 and again on April 15, 1952, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 29<sup>th</sup> day of April 1952, 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 public notice has been given as required by law, and the Commission has jurisdiction of this cause and all the matters and things relating thereto.

(2) That heretofore, the Commission, by virtue of Order No. R-69, to which reference is hereby made, established 80-acre proration units, establishing a spacing pattern, provided for an allowable equal to one and one-half times the top allowable for a 40-acre proration unit (with deep-pool adaptation), and provided for an exception to the 80-acre drilling pattern with adjustment of allowables.

(3) That Order No. R-69, effective May 1, 1951, was a Temporary Order, established for a period of one year.

(4) That geological and engineering data now available to the Commission indicates that one well apparently will drain 80 acres, and the Bagley-Siluro-Devonian pool should be developed on 80-acre proration units for a further period of one year.

(5) That information presented to the Commission indicates that the adoption of secondary-recovery methods at present is not necessary.

(6) That the operators in the Bagley-Siluro-Devonian pool should present to the Commission a monthly report showing complete production and reservoir information.

(7) That Order No. R-69 should be extended for a period of one year upon the conditions and limitations herein set forth.

IT IS THEREFORE ORDERED:

(1) That Order No. R-69, be, and it hereby is extended for a period of one year from the first day of May 1952, upon the following terms and conditions, to-wit:

(a) That each operator in the Bagley-Siluro-Devonian pool shall file with the Commission office at Santa Fe, New Mexico, on or before the 15th day of each and every month, a monthly tabulated report for each well showing the allowable, the actual oil production, the oil runs, water production, gas production, cumulative oil production, cumulative water production, and cumulative gas production. This requirement is in addition to and supplementary to the other reports and surveys presently required by the Commission, and is not in substitution or in lieu thereof.

(b) That said operators shall cause a pool-wide bottom-hole pressure survey to be taken during the months of July 1952, November 1952, and March 1953, and the results thereof reflecting such pressures of each well shall be submitted in writing to the Commission on or before the fifth day of the following month. (Bottom-hole pressure tests shall be taken as prescribed by Rule 302 of the Commission's Rules and Regulations.)

(c) At the regular Commission hearing for the month of April in 1953, the operators shall show cause why said pool shall not be placed on a 40-acre spacing pattern with allowable adjustment.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



EDWIN L. MECHEM, Chairman

GUY SHEPARD, Member



R. R. SPURRIER, Secretary

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION COM-  
MISSION OF NEW MEXICO FOR THE PURPOSE  
OF CONSIDERING:

CASE NO. 249  
(Consolidated with Case 315)  
ORDER NO. R-69-C

THE MATTER OF THE APPLICATION  
OF THE OIL CONSERVATION COMMISSION  
UPON ITS OWN MOTION FOR AN ORDER  
DIRECTED TO THE OPERATORS IN THE  
BAGLEY-SILURO-DEVONIAN POOL, LEA  
COUNTY, NEW MEXICO, TO SHOW CAUSE  
WHY SAID POOL SHOULD NOT BE PLACED ON  
40-ACRE SPACING WITH ALLOWABLE ADJUSTMENT,  
UPON EXPIRATION OF TEMPORARY ORDER.

TEMPORARY ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing on April 16 and for further hearing on May 19, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," upon order to show cause why the Bagley-Siluro-Devonian Pool should not be placed upon 40-acre spacing with allowable adjustment resulting from expiration of Temporary Orders R-69, R-69-A and R-69-B.

NOW, on this 21<sup>st</sup> day of May, 1953, the Commission, a quorum being present, having considered the testimony adduced and exhibits received at said hearings, and being fully advised in the premises,

FINDS:

(1) That due notice having been given and proper service had upon the operators in said pool as required by law, and appearances being made, the Commission has jurisdiction of this cause.

(2) That originally the Commission issued temporary Order R-69, effective May 1, 1951, to and including May 1, 1952, authorizing the development and production of the Bagley-Siluro-Devonian Pool on an 80-acre spacing pattern with 80-acre proration units, upon the theory that in such pool one well would effectively drain 80 acres, and for the further reason of the then existing shortage of tubular goods.

(3) That thereafter and prior to the expiration of Order R-69, the Commission after due notice and hearing issued Order R-69-A, which granted an extension of Order R-69, as modified, for a period of one year from and after May 1, 1952.

(4) That testimony adduced at the May 19, 1953, hearing indicated that waste will be reduced and correlative rights preserved by a temporary one-year order modifying in certain respects previous requirements imposed by orders in the case, but authorizing 80-acre spacing of wells, and establishing 80-acre proration units in the Bagley-Siluro-Devonian Pool.

IT IS THEREFORE ORDERED:

(a) That 80-acre spacing of wells and establishment of 80-acre proration units in the Bagley-Siluro-Devonian Pool, Lea County, New Mexico, described as:

Township 11 South, Range 33 East, NMPM  
All Section 34; NW/4 and S/2 Section 35

Township 12 South, Range 33 East, NMPM  
N/2 and SE/4 of Section 3; all of Section 2;  
E/2 NW/4 and N/2 NE/4 of Section 11

be, and the same is hereby authorized for the period of time from May 21, 1953, to and including June 1, 1954; such proration units to consist of the E/2 and the W/2 respectively of each governmental survey quarter section therein and the well location thereon shall be in the center (permissive tolerance 150 feet) of the northwest and southeast quarter sections thereof,

PROVIDED, HOWEVER, that the following described units do, and shall constitute permissible exceptions to the spacing and proration unit plan aforesaid:

Township 11 South, Range 33 East, NMPM  
N/2 NW/4 of Section 35; S/2 NW/4 of Section 35

Township 12 South, Range 33 East, NMPM  
N/2 NW/4 of Section 3; S/2 NW/4 of Section 3;  
N/2 NE/4 of Section 2; SW/4 NE/4 and NW/4 SE/4 of  
Section 2; SE/4 NE/4 and NE/4 SE/4 of Section 2;  
S/2 SE/4 of Section 2;  
N/2 NE/4 of Section 11

(b) That no well shall be drilled or produced in said pool except it be in conformity with the spacing and proration unit pattern hereinabove authorized unless, after notice and hearing, a special order of authorization is had and obtained from the Commission.

(c) That should any well be drilled off-pattern, under authority of any special order, then, and in that event, the same shall be entitled only to an allowable equal to that of a standard 40-acre proration unit with deep-pool adaptation as provided by Commission rules. Nothing contained in this order shall be construed as requiring by the Commission the drilling of any wells at any location.

IT IS FURTHER ORDERED, That the Bagley-Siluro-Devonian Pool and the 80-acre proration units therein, hereby established and confirmed, be and the same hereby are granted an allowable for the duration of this order equal to the top allowable for wells in the Siluro-Devonian depth range, calculated by the use of the 80-acre proportional factor as provided for in Rule 505 of the Rules and Regulations of this Commission, together with the acreage factor, if any there be;

PROVIDED, HOWEVER, that no well in such pool will be assigned an allowable greater than the amount of oil produced on official gas-oil ratio tests during a 24-hour period in compliance with Rule 301 of the said Rules and Regulations.

IT IS FURTHER ORDERED:

(a) That each operator in the Bagley-Siluro-Devonian Pool be, and each of them hereby is required to file with the Commission at its office in Santa Fe, New Mexico (copies to Hobbs office) on or before the 15th day of each and every month during the term of this order a tabulated report covering each well operated by him for the preceding month; such reports shall show:

- (1) The allowable
- (2) The actual oil production
- (3) The oil runs
- (4) Water production
- (5) Gas production
- (6) Cumulative oil, water and gas production;

provided, however, that such special reports aforesaid are supplementary of and in addition to regular reports and surveys now or hereafter required under the Rules and Regulations of the Commission.

(b) That each operator in said pool shall take or cause to be taken bottom-hole pressure tests of each producing well operated by him in said pool during the months of July, 1953, and January, 1954; the results of such tests shall be tabulated, and reflect the pressures of each well; the same shall be filed on or before the 5th day of August, 1953, and the 5th day of February, 1954, respectively, with the Commission at Santa Fe, New Mexico (with copy to Hobbs office); it is further provided, that such bottom-hole pressure tests shall be taken in conformity with the requirements of Rule 302 of the Commission's Rules and Regulations as revised. Should Form C-124 be used, the same should be designated as special Bagley-Siluro-Devonian Report, File Case 249.

IT IS FURTHER ORDERED:

(a) That this case be held open on the docket of the Commission for such further order or orders as may be necessary to meet arising situations adversely affecting the prevention of waste and/or protection of correlative rights; and,

(b) That not later than the regularly set hearing of the Commission for May 1954 the operators in said pool are hereby required to respond to an Order to Show Cause, to be issued by the Commission, why said pool should not be reverted to 40-acre spacing and standard proration units.

This order supersedes all previous temporary orders and interlocutory orders heretofore issued in this case.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*E. L. Mechem*  
Edwin L. Mechem, Chairman

*E. S. Walker*  
E. S. Walker, Member

*R. R. Spurrier*  
R. R. Spurrier, Secretary

S E A L

(b) That each operator in said pool shall take or cause to be taken bottom-hole pressure tests of each producing well operated by him in said pool during the months of July, 1953, and January, 1954; the results of such tests shall be tabulated, and reflect the pressures of each well; the same shall be filed on or before the 5th day of August, 1953, and the 5th day of February, 1954, respectively, with the Commission at Santa Fe, New Mexico (with copy to Hobbs office); it is further provided, that such bottom-hole pressure tests shall be taken in conformity with the requirements of Rule 302 of the Commission's Rules and Regulations as revised. Should Form C-124 be used, the same should be designated as special Bagley-Siluro-Devonian Report, File Case 249.

IT IS FURTHER ORDERED:

(a) That this case be held open on the docket of the Commission for such further order or orders as may be necessary to meet arising situations adversely affecting the prevention of waste and/or protection of correlative rights; and,

(b) That not later than the regularly set hearing of the Commission for May 1954 the operators in said pool are hereby required to respond to an Order to Show Cause, to be issued by the Commission, why said pool should not be reverted to 40-acre spacing and standard proration units.

This order supersedes all previous temporary orders and interlocutory orders heretofore issued in this case.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*E. L. Mechem*  
Edwin L. Mechem, Chairman

*E. S. Walker*  
E. S. Walker, Member

*R. R. Spurrier*  
R. R. Spurrier, 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:**

**CASE NO. 249  
(Consolidated with Case No. 315)  
Order No. R-69-D**

**THE MATTER OF THE APPLICATION OF  
THE OIL CONSERVATION COMMISSION  
UPON ITS OWN MOTION FOR AN ORDER  
DIRECTED TO THE OPERATORS IN THE  
BAGLEY-SILURO-DEVONIAN POOL, LEA  
COUNTY, NEW MEXICO, TO SHOW CAUSE  
WHY SAID POOL SHOULD NOT BE PLACED  
ON 40-ACRE SPACING WITH ALLOWABLE  
ADJUSTMENT, UPON EXPIRATION OF  
TEMPORARY ORDER.**

**ORDER OF THE COMMISSION**

**BY THE COMMISSION:**

This cause came on for hearing on May 19, 1954, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 30th day of June July, 1954, the Commission, a quorum being present, having considered the testimony adduced and exhibits received at said hearings, and being fully advised in the premises,

**FINDS:**

- (1) That due notice having been given and proper service had upon the operators in said pool as required by law, the Commission has jurisdiction of this cause.
- (2) That originally the Commission issued Temporary Order R-69, effective May 1, 1951, to and including May 1, 1952, authorizing the development and production of the Bagley-Siluro-Devonian Pool on an 80-acre spacing pattern with 80-acre proration units.
- (3) That thereafter and prior to the expiration of Order R-69, the Commission after due notice and hearing issued Order R-69-A, which granted an extension of Order R-69, as modified, for a period of one year from and after May 1, 1952.
- (4) That thereafter and prior to the expiration of Order R-69-A as modified by Order R-69-B, the Commission after due notice and hearing issued Order R-69-C, effective June 1, 1953, to and including June 1, 1954, which authorized the development and production of the Bagley-Siluro-Devonian Pool on an 80-acre spacing pattern with 80-acre proration units.
- (5) That for the prevention of waste and in the interests of conservation, the provisions of said Commission Temporary Order R-69-C, as hereinafter modified and set forth, should be made permanent.

**IT IS THEREFORE ORDERED:**

(a) That 80-acre spacing of wells and establishment of 80-acre proration units in the Bagley-Siluro-Devonian Pool, Lea County, New Mexico, described as:

Township 11 South, Range 33 East, NMPM  
All Section 34; NW/4 and S/2 Section 35

Township 12 South, Range 33 East, NMPM  
N/2 and SE/4 of Section 3; all of Section 2;  
E/2 NW/4 and N/2 NE/4 of Section 11

be, and the same is hereby authorized; such proration units to consist of the E/2 and the W/2 respectively of each governmental survey quarter section therein and the well location thereon shall be in the center (permissive tolerance 150 feet) of the northwest and southeast quarter sections thereof.

**PROVIDED, HOWEVER,** that the following described units do, and shall constitute permissible exceptions to the spacing and proration unit plan aforesaid:

Township 11 South, Range 33 East, NMPM  
N/2 NW/4 of Section 35; S/2 NW/4 of Section 35

Township 12 South, Range 33 East, NMPM  
N/2 NW/4 of Section 3; S/2 NW/4 of Section 3;  
N/2 NE/4 of Section 2; SW/4 NE/4 and NW/4 SE/4 of  
Section 2; SE/4 NE/4 and NE/4 SE/4 of Section 2;  
S/2 SE/4 of Section 2;  
N/2 NE/4 of Section 11

(b) That no well shall be drilled or produced in said pool except it be in conformity with the spacing and proration unit pattern hereinabove authorized unless, after notice and hearing, a special order of authorization is had and obtained from the Commission.

(c) That should any well be drilled off-pattern, under authority of any special order, then, and in that event, the same shall be entitled only to an allowable equal to that of a standard 40-acre proration unit with deep pool adaptation as provided by Commission rules. Nothing contained in this order shall be construed as requiring by the Commission the drilling of any wells at any location.

**IT IS FURTHER ORDERED:** That the Bagley-Siluro-Devonian Pool and the 80-acre proration units therein, hereby established and confirmed, be and the same hereby are granted an allowable equal to the top allowable for wells in the Bagley-Siluro-Devonian depth range, calculated by the use of the 80-acre proportional factor as provided for in Rule 505 of the Rules and Regulations of this Commission, together with the acreage factor, if any there be;

**PROVIDED HOWEVER,** that no well in such pool will be assigned an allowable greater than the amount of oil produced on official gas-oil ratio tests during a 24-hour period in compliance with Rule 301 of the said Rules and Regulations.

**IT IS FURTHER ORDERED:**

(a) That each operator in said pool shall take or cause to be taken bottom-hole pressure tests of each producing well operated by him in said pool during the months of July of each calendar year; the results of such tests shall be tabulated, and reflect the pressure of each well; the same shall be filed on or before the 5th day of August, of each calendar year, with the Commission at Santa Fe, New Mexico (with copy <sup>to</sup> Hobbs office); it is further provided, that such bottom-hole pressure tests shall be taken in conformity with the requirements of Rule 302 of the Commission's Rules and Regulations as revised.

This order supercedes all previous temporary orders and interlocutory orders heretofore issued in this case.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary and Member

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