

NSL

11/13/97

JOHN L. COX

400 WEST WALL
P. O. BOX 2217
PHONE 915 - 682-9435

MIDLAND, TEXAS 79702-2217

12/23/96

NSL-NSP. 7

December 20, 1996

FAX: 1-505-827-8177

FEDERAL EXPRESS

Energy, Minerals and Natural Resources
Oil Conservation Commission
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Mr. Michael Stogner

Re: John L. Cox-State "14"
Well No. 1
1310' FSL, 1310' FEL
Section 14, T-12-S, R-33-E
Lea County, New Mexico

RECEIVED
DEC 23 1996
OIL CONSERVATION COMMISSION

Dear Mr. Stogner:

John L. Cox has filed Application to Drill (Form C-101) the captioned well based on the footages shown on the attached plat. The State "14" #1 is a 3-D selected location and will require administrative approval. We have designated UL 0 and P as our 80 acre drilling unit for the Bagley; Siluro Devonian completion. Only two operators(Amerada Hess and Samson Resources Company) have producing wells in this field, and their production is approximately 2 to 3 miles north of our planned location.

John L. Cox would appreciate your early consideration and approval of this location. All required forms have been filed with Hobbs Oil Conservation Office, and our Improvement Damage Bond for multiple wells has been filed with your office in Santa Fe. Please call the undersigned for additional information and/or approval of this request at 1-800-633-0275.

Very truly yours,



Martha Wittenbach

mw
Attach.

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
 PO Box 2088
 Santa Fe, NM 87504-2088

Form C-101
 Revised February 21, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. JOHN L. COX BOX 2217 MIDLAND, TEXAS 79702		¹ OGRID Number 012079
		³ API Number 30 - 0
⁴ Property Code	⁵ Property Name STATE "14"	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	14	12-S	33-E		1310	South	1310	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Bagley; Siluro Devonian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4244
¹⁶ Multiple No	¹⁷ Proposed Depth 11,200'	¹⁸ Formation Devonian	¹⁹ Contractor Ziadril	²⁰ Spud Date Upon approval

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	325'	500	Surface
11"	8 5/8"	32#	4200'	1340	Surface
7 7/8"	5 1/2"	17,20#	11,200'	1225	4200

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See attached

DEC 23 1996

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Martha Wittenbach

Printed name:

Martha Wittenbach

Title:

Prodn.Acctng.Mgr.

Date:

12/20/96

Phone:

1-800-633-0275

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

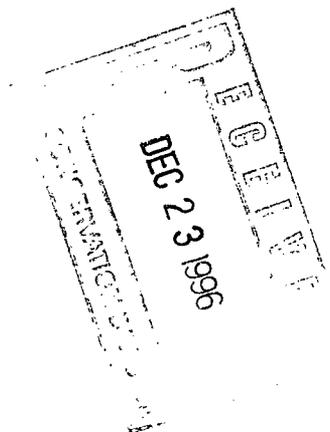
Expiration Date:

Conditions of Approval:

Attached

PROPOSED DRILLING PROGRAM
JOHN L. COX-STATE "14" NO. 1
SECTION 14, T-12-S, R-33-E
LEA COUNTY, NEW MEXICO

1. Spud 17 1/2" hole and drill to depth of 325'.
2. Set 325' of 13 3/8", 48#, J55 casing, cemented with 500 sacks Halliburton Premium Plus, circulated to surface.
3. Drill 11" hole to a depth of 4,200'.
4. Set 4,200' of 8 5/8", 32#, J55 casing, cemented with 1090 sacks of Halliburton Light Premium Plus and 250 sack of Premium Plus. Top of cemented estimated to surface.
5. Drill 7 7/8" hole to a depth of 11,200'.
6. Set 11,200' of 5 1/2", 17# and 20#, J55 and N80 casing cemented with 575 sacks Halliburton Light Premium and 650 sacks of Premium 50/50 Pozmix A. Top of cement estimated to be 4,200'.
7. Well will be logged and tested for a Bagley; Siluro Devonian completion.
8. BLOWOUT PREVENTERS: Shaffer LWS hydraulic double 11" x 5000 psi as illustrated in attached diagram.



Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

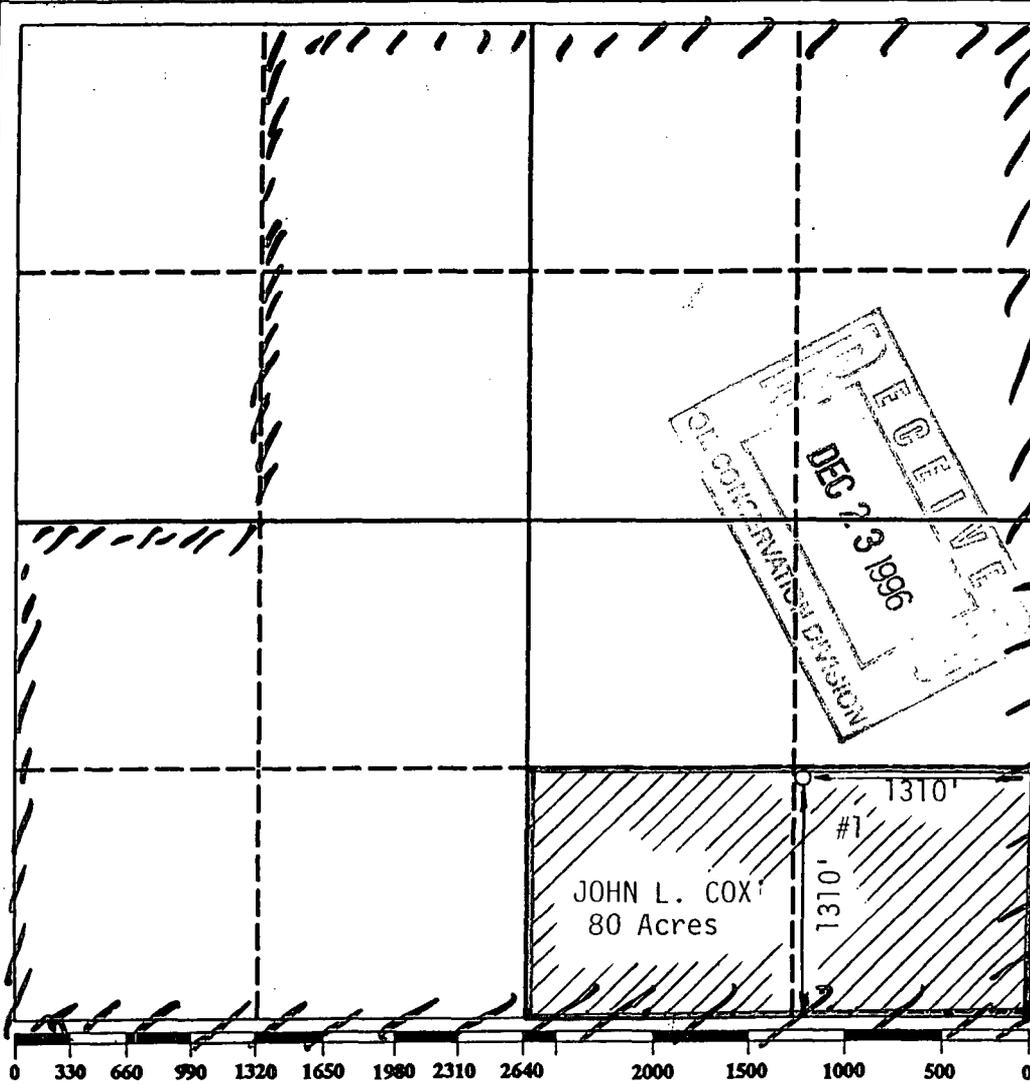
All Distances must be from the outer boundaries of the section

Operator JOHN L. COX		Lease STATE "14"		Well No. 1
Unit Letter P	Section 14	Township 12-S	Range 33-E	County Lea
Actual Footage Location of Well: 1310 feet from the SOUTH line and 1310 feet from the EAST line				
Ground level Elev. 4244	Producing Formation Devonian	Pool Bagley; Siluro Devonian	Dedicated Acreage: 80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
 Yes No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature
Martha Wittenbach

Printed Name
Martha Wittenbach

Position
Prodn. Acctng. Mgr.

Company
JOHN L. COX

Date
12/20/96

SURVEYOR CERTIFICATION

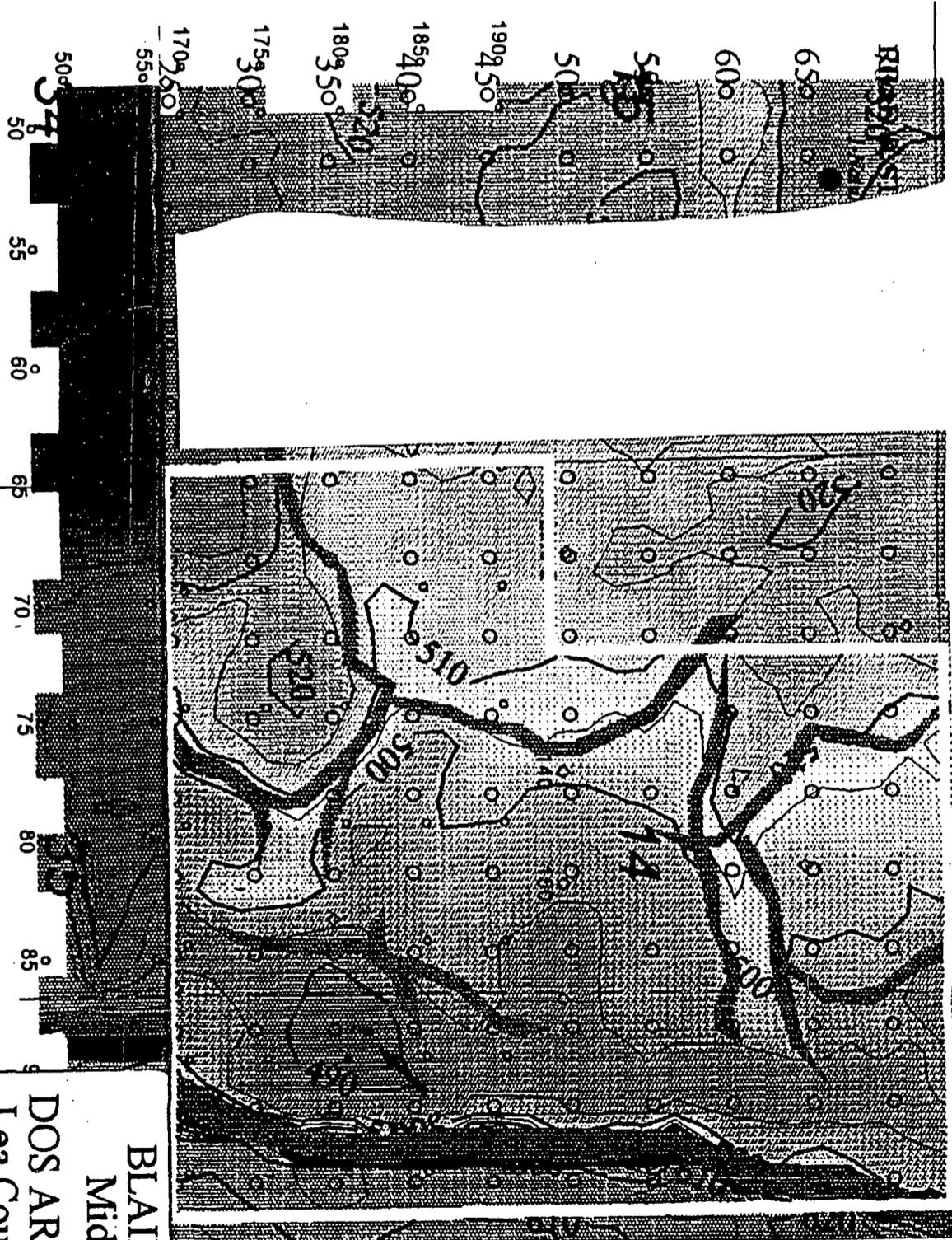
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
December 18, 1996

Signature & Seal of Professional Surveyor
Max A. Schumann, Jr.

MAX A. SCHUMANN, JR.

Certificate No. 1510



BLAIR - CHENEY
 Midland, Texas
DOS ARRIBAS PROJECT
 Lea County, New Mexico
ISOCHRON: Tubb - Silurian

W.C. Robinson
 December, 1996
 map scale: 1" = 4000'
 contour interval = 5mts

T12S R33E

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN 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

CASE No. 249
ORDER No. R-69

ORDER OF THE COMMISSION

BY THE COMMISSION

This matter came on for hearing at Santa Fe, New Mexico, on April 24, 1951, on the application of Amerada Petroleum Corporation to establish proration units and uniform spacing of wells for the Bagley Siluro-Devonian pool, in Lea County, New Mexico.

The Commission having heard the evidence presented and being fully advised,

FINDS:

1. That due public notice having been given as required by law, the Commission has jurisdiction of the subject matter and of the parties.
2. That the information now available indicates that one well will effectively drain an area of 80 acres and considering the shortage of casing and other similar materials the Bagley Siluro-Devonian pool should be developed on 80-acre proration units for a period of one year.
3. That the probable productive limits of the Bagley Siluro-Devonian pool ascertainable from the information available at the time of the hearing in this case comprise the following land in Lea County, New Mexico.

All of section 34, T. 11 S, R. 33 E
NW/4 and S/2 section 35, T. 11 S, R. 33 E
N/2 and SE/4 section 3, T. 12 S, R. 33 E
All of section 2, T. 12 S, R. 33 E
E/2 NW/4 and N/2 NE/4 section 11, T. 12 S, R. 33 E

IT IS THEREFORE ORDERED:

1. That 80-acre proration units are hereby established for the Bagley Siluro-Devonian pool as delineated above, which shall comprise the west half and east half of each Governmental quarter section, except the following units, to-wit:

N/2 NW/4 section 35, T. 11 S, R. 33 E
S/2 NW/4 section 35, T. 11 S, R. 33 E
N/2 NW/4 section 3, T. 12 S, R. 33 E
S/2 NW/4 section 3, T. 12 S, R. 33 E

N/2 NE/4 section 2, T. 12 S, R. 33 E
SW/4 NE/4 and NW/4 SE/4 section 2, T. 12 S, R. 33 E
SE/4 NE/4 and NE/4 SE/4 section 2, T. 12 S, R. 33 E
S/2 SE/4 section 2, T. 12 S, R. 33 E
N/2 NE/4 section 11, T. 12 S, R. 33 E

2. All wells drilled into the Bagley Siluro-Devonian pool shall be located in the center of the northwest and the southeast quarters of each governmental quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions.

3. That no well shall be drilled or produced in said pool except in conformity with the spacing pattern set forth above without special order of the Commission after notice and hearing.

4. That all wells producing or hereafter completed in the Bagley Siluro-Devonian pool are hereby given an allowable equivalent to one and one-half times the top allowable for a 40-acre proration unit with the deep pool adaptation, as provided for in the rules and regulations of the Commission.

5. If any well is drilled as an exception to the well spacing pattern set forth above under special order of the Commission, the allowable for such well shall be the top allowable for a 40-acre proration unit with the deep pool adaptation, as provided by the rules and regulations of the Commission.

6. This order shall cover all of the Bagley Siluro-Devonian common source of supply and any extension thereof as may be determined by further development, and shall continue in force for a period of one year from the first day of May, 1951.

DONE this 1st day of May 1951.

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
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 29th 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. 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.

Cases 249 and 315 (Consolidated)
Order No. R-69-A

(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.

OIL CONSERVATION COMMISSION - Signed by: Edwin L. Mechem, Chairman;
Guy Shepard, Member; R. R. Spurrier, Secretary

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN RE: CASES 249 AND 315
(CONSOLIDATED) - TEMPORARY
80-ACRE SPACING IN THE BAGLEY-
SILURO-DEVONIAN POOL, LEA
COUNTY, NEW MEXICO.

ORDER No. R-69-B

INTERLOCUTORY ORDER

WHEREAS on the 29th day of April, 1952, the Oil Conservation Commission of New Mexico issued Order R-69-A as a temporary order for a period of one year from and after May 1, 1952, and

WHEREAS said order will expire by its own terms unless extended,
and

WHEREAS due notice to show cause why the Bagley-Siluro-Devonian Pool in Lea County, New Mexico, should not be placed on 40-acre spacing with allowable adjustment following expiration of Order R-69-A, was given all interested parties, returnable April 17, 1953, and each and all of the parties duly appeared on said date, and moved the Commission for continuance, and

Good cause therefor appearing,

IT IS THEREFORE ORDERED:

First, That said cause be, and the same hereby is continued to the next regularly advertised hearing of this Commission;

Second, That all the rights, obligations and duties included in and imposed by Order R-69-A dated April 29, 1952, be, and the same hereby are extended, and remain in full force and effect until the regular May 1953 hearing of the Commission, and the regular issuance thereafter of the Commission order in the premises, but in no event beyond June 1, 1953.

DONE at Santa Fe, New Mexico, this 20th day of April, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Edwin L. Mechem, Chairman

E. S. Walker, Member

R. R. Spurrier, Secretary

S E A L

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-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 21st 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 reflects the pressure 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

-4-

Case No. 249

Order No. R-69-C

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

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary

S E A L

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, 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 production 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

Order No. R-69-D

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 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.

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

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Secretary and Member

S E A L

**HIGHTOWER POOL
(BAGLEY-HIGHTOWER POOL)**

Lea County, New Mexico

Order No. 846, Adopting Rules for the Hightower Pool, Lea County, New Mexico, November 18, 1949. (As Reissued in Order No. 850, Effective January 1, 1950.)

Relating to spacing in the Hightower Pool, Lea County, issued November 18, 1949.

IT IS THEREFORE ORDERED:

1. That the Amerada-State BTB No. 1 well located in the center of NW/4 NW/4 of Section 26, Township 12 South, Range 33 East, N.M.P.M., is producing oil from the Devonian formation, a newly discovered common source of supply not heretofore discovered and produced in New Mexico, and that the probable area for such production is as follows:

All of Sections 22, 23, 26 and 27, in Township 12 South, Range 33 East, N.M.P.M. (Hightower Pool) Lea County, New Mexico.

2. That it is the intent of this order to cover all of the Devonian formation common source of supply within the area designated herein, and upon any regular additions to the Hightower Pool which may from time to time be made, and that any well within said designated area to the same common source of supply shall be drilled on the pattern herein provided.

3. That 80-acre spacing and drilling units be established as hereinafter provided, for the production of oil and gas from the Devonian formation underlying the area as hereinabove described.

4. That each governmental quarter section be divided into two equal rectangular spacing units by a line drawn north-south through such quarter section, and with wells to be drilled in the center of the northwest and southeast forty acre tracts

of each such spacing unit, with a tolerance of not in excess of 150 feet provided, however, that the units within may be changed by agreement of operators within any quarter section of the designated area upon proper showing before the Commission.

5. That allowable shall be assigned on the basis of proration units as herein established, and any proration unit of less than the normal one-half of a governmental quarter section as the result of an exception granted by the Commission after notice and hearing, shall be assigned an allowable in proportion that the acreage thereof bears to the 80-acre spacing unit — or one-half of a quarter section.

6. That the daily oil allowable for an 80-acre unit provided for herein shall be assigned to the Amerada-State BTB No. 1 well, the discovery well, located in the approximate center of NW/4 NW/4 of Section 26, Township 12 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and to all other wells hereafter drilled and produced in accordance with the provisions of this order based upon the proportional factor of 4.67 times the regular top allowable until such time as the Commission may issue further and additional orders as may be deemed necessary herein.

7. All rules, regulations and orders heretofore issued by this Commission which may conflict herewith are superseded, only with respect to the Devonian formation production at the approximate depth of 10,090 ft-10,200 ft. in the Hightower Pool

8. That this Order shall be in full force and effect from and after December 1, 1949.

9. That the Commission retains jurisdiction of this case for the purpose of issuing such further and additional orders as may seem necessary to meet changed conditions, preclude inequities and preserve correlative rights; all upon the motion of the Commission or upon the petition of any interested operator upon public hearing, after notice as provided by law.

BAGLEY-SILURO-DEVONIAN POOL
 Lea County, New Mexico.
 Order No. R-69, Adopting Rules for the Bagley Siluro-Devonian Pool, Lea County, New Mexico, May 1, 1951; as Amended by Order No. R-69-A, April 29, 1952; Order No. R-69-B, April 20, 1953; Order No. R-69-C, May 21, 1953; Order No. R-69-D, June 30, 1954.

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, 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 NE/2 NE/4 of Section 11
 be, and the same is hereby authorized; such proration units 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 a wells at any location.

IT IS FURTHER ORDERED: That the Bagley-Siluro-Devonian Pool and the 80-acre proration units therein, here 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 acre proportional factor as provided for in Rule 505 of Rules and Regulations of this Commission, together with 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 to Home office); it is further provided, that such bottom-hole pressure tests shall be taken in conformity with the requirements Rule 302 of the Commission's Rules and Regulations as revised.

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.

Sec : 14 Twp : 12S Rng : 33E Section Type : NORMAL

L	K	J	I
40.00	40.00	40.00	40.00
CS	CS	CS	CS
V04569 1 02/00	V04569 1 02/00	V04569 1 02/00	V04569 1 02/00
JOHN L COX	JOHN L COX	JOHN L COX	JOHN L COX

M	N	O	P
40.00	40.00	40.00	40.00
CS	CS	CS	CS
V04569 1 02/00	V04569 1 02/00	V04569 1 02/00	V04569 1 02/00
JOHN L COX	JOHN L COX	JOHN L COX	JOHN L COX

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

1-14-97
*Telephone conversation w/
Martha Wittenbach
all of Section 14 w/ the exception
of the w/2 NW/4 of Sec. 14*
560 acres →

Sec : 14 Twp : 12S Rng : 33E Section Type : NORMAL

D	C	B	A
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B09949 5 12/52	V04569 1 02/00	V04569 1 02/00	V04569 1 02/00
ORYX ENERGY CO	JOHN L COX	JOHN L COX	JOHN L COX

E	F	G	H
40.00	40.00	40.00	40.00
CS	CS	CS	CS
B09949 5 12/52	V04569 1 02/00	V04569 1 02/00	V04569 1 02/00
ORYX ENERGY CO	JOHN L COX	JOHN L COX	JOHN L COX

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PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12