



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

RECEIVED

JUN 28 2004

OIL CONSERVATION DIVISION

Oil Conservation Division
1220 S. Francis Drive
Santa Fe, NM 87505

RE: Proposed:
MC
DHC
NSL
NSP
SWD
WFX
PMX

Gentlemen:

Jalmat Yates Sand Unit #1990F, 13-22s-35e
Cone Jalmat Yates Pool Unit #204-L, 13-22s-35e
Cone Jalmat Yates Pool Unit #200-M-13-22s-35e

I have examined the application for the:

Melrose Operating Co

Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

[Handwritten signature/initials]

Yours very truly,

Chris Williams
Supervisor, District 1

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. 2802
Order No. R-2494

APPLICATION OF J. R. CONE
FOR APPROVAL OF THE CONE
JALMAT YATES POOL UNIT
AGREEMENT, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 15, 1963, at Roswell, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 11th day of June, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, J. R. Cone, seeks approval of the Cone Jalmat Yates Pool Unit Agreement covering 1,760 acres, more or less, of State land in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico.

(3) That approval of the proposed Cone Jalmat Yates Pool Unit Agreement will in principle tend to promote the conservation of oil and gas and the prevention of waste.

IT IS THEREFORE ORDERED:

(1) That the Cone Jalmat Yates Pool Unit Agreement is hereby approved.

(2) That the plan under which the unit area shall be operated shall be embraced in the form of a unit agreement for the development and operation of the Cone Jalmat Yates Pool Unit Area, and such plan shall be known as the Cone Jalmat Yates Pool Unit Agreement Plan.

(3) That the Cone Jalmat Yates Pool Unit Agreement Plan is hereby approved in principle as a proper conservation measure; provided, however, that notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing, in any manner, any right, duty, or obligation which is now, or may hereafter be, vested in the Oil Conservation Commission of New Mexico by law relative to the supervision and control of operations for the exploration and development of any lands committed to the Cone Jalmat Yates Pool Unit, or relative to the production of oil or gas therefrom.

(4) (a) That the unit area shall be:

NEW MEXICO PRINCIPAL MERIDIAN

LEA COUNTY, NEW MEXICO
TOWNSHIP 22 SOUTH, RANGE 35 EAST

Section 13: S/2
Section 23: E/2 SE/4
Section 24: All
Section 25: N/2, SE/4, and
E/2 SW/4
Section 36: NE/4

containing 1,760 acres, more or less.

(b) That the unit area may be enlarged or contracted as provided in said plan; provided, however, that administrative approval for expansion or contraction of the unit area must also be obtained from the Secretary-Director of the Commission.

(5) That the unit operator shall file with the Commission an executed original or executed counterpart of the Cone Jalmat Yates Pool Unit Agreement within 30 days after the effective date thereof. In the event of subsequent joinder by any party or expansion or contraction of the unit area, the unit operator shall file with the Commission within 30 days thereafter counterparts of the unit agreement reflecting the subscription of those interests having joined or ratified.

(6) That this order shall become effective upon the approval of said unit agreement by the Commissioner of Public Lands for the State of New Mexico, and shall terminate ipso facto upon the termination of said unit agreement. The last unit operator shall notify the Commission immediately in writing of such termination.

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

-3-

CASE No. 2802

Order No. R-2494

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

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. 2803
Order No. R-2495

APPLICATION OF J. R. CONE
FOR A WATERFLOOD PROJECT,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 15, 1963, at Roswell, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 11th day of June, 1963, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the Cone Jalmat Yates Pool Unit Agreement has been approved by the Commission by Order No. R-2494; that the Cone Jalmat Yates Pool Unit Area comprises 1,760 acres, more or less, of State land in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico, as more fully described in said order.
- (3) That the applicant, J. R. Cone, seeks permission to institute a waterflood project in the Jalmat Pool in the Cone Jalmat Yates Pool Unit Area by the injection of water into the Yates formation through four wells located within said unit area.
- (4) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.
- (5) That the proposed waterflood project is in the interest of conservation and should result in recovery of otherwise unrecoverable oil, thereby preventing waste.

(6) That the subject application should be approved and the project should be governed by the provisions of Rule 701 of the Commission Rules and Regulations.

(7) That all water injection should be through tubing under a packer; provided however, that selective water injection into more than one sand in wells which are equipped with less than 5 1/2-inch pipe may be through one string of tubing under a packer and through the casing-tubing annulus if the casing is perforated and squeeze-cemented from total depth to the surface casing shoe.

IT IS THEREFORE ORDERED:

(1) That the applicant, J. R. Cone, is hereby authorized to institute a waterflood project in the Jalmat Pool in the Cone Jalmat Yates Pool Unit Area by the injection of water into the Yates formation through the following-described four wells in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico:

J. R. Cone Nix State Well No. 4, Unit J, Section 13
J. R. Cone Nix State Well No. 5, Unit L, Section 13
J. R. Cone Nix State Well No. 9, Unit N, Section 13
J. R. Cone Nix State Well No. 7, Unit D, Section 24

(2) That all water injection shall be through tubing under a packer; provided however, that selective water injection into more than one sand in wells which are equipped with less than 5 1/2-inch pipe may be through one string of tubing under a packer and through the casing-tubing annulus if the casing is perforated and squeeze-cemented from total depth to the surface casing shoe.

(3) That the subject waterflood project shall be governed by the provisions of Rule 701 of the Commission Rules and Regulations, including the allowable provisions thereof, and including the provisions with respect to expansion of the waterflood project.

(4) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1119 of the Commission Rules and Regulations.

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

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CASE No. 2803
Order No. R-2495

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

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. 2545
Order No. R-2235

APPLICATION OF THE BRITISH AMERICAN
OIL PRODUCING COMPANY FOR APPROVAL
OF THE JALMAT FIELD-YATES SAND UNIT
AGREEMENT, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 25, 1962, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 3rd day of May, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, The British American Oil Producing Company, seeks approval of the Jalmat Field-Yates Sand Unit Agreement, embracing 2,680 acres, more or less, of State and fee lands in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico.

(3) That the proposed unit plan will in principle tend to promote the conservation of oil and gas and the prevention of waste.

IT IS THEREFORE ORDERED:

(1) That the Jalmat Field-Yates Sand Unit Agreement is hereby approved.

PROVIDED HOWEVER, That notwithstanding any of the provisions contained in said unit agreement, this approval shall not be considered as waiving or relinquishing, in any manner, any right, duty, or obligation which is now, or may hereafter be, vested in the New Mexico Oil Conservation Commission by law relative to the supervision and control of operations for exploration and development of any lands committed to said Jalmat Field-Yates Sand Unit

Agreement, or relative to the production of oil and gas therefrom.

(2) That the unit area shall be:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
LEA COUNTY, NEW MEXICO

Section 2: S/2 S/2
Section 3: SE/4 SE/4
Section 10: N/2 NE/4 and SE/4
Section 11: All
Section 12: W/2
Section 13: N/2
Section 14: All
Section 23: N/2

containing 2,680 acres, more or less.

(3) That the unit operator shall file with the Commission an executed original or executed counterpart of the unit agreement within 30 days after the effective date thereof. In the event of subsequent joinder by any party, the unit operator shall file with the Commission within 30 days after such action counterparts of the unit agreement reflecting the subscription of those interests having joined or ratified.

(4) That this order shall become effective upon the approval of said unit agreement by the Commissioner of Public Lands for the State of New Mexico, and shall terminate ipso facto upon the termination of said unit agreement. The last unit operator shall notify the Commission in writing of such termination.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

S E A L

E. S. WALKER, Member

esr/

A. L. PORTER, Jr., Member & 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:

CASE No. 2546
Order No. R-2243

APPLICATION OF THE BRITISH AMERICAN
OIL PRODUCING COMPANY FOR A WATER-
FLOOD PROJECT, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 25, 1962, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 28th day of May, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the Jalmat Field-Yates Sand Unit has heretofore been approved by the Commission by Order No. R-2235; that the Jalmat Field-Yates Sand Unit Area comprises 2,680 acres in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico, as more fully described in said order.

(3) That the applicant, The British American Oil Producing Company, seeks permission to institute a waterflood project in the Jalmat Field-Yates Sand Unit Area by the injection of water into the Yates formation of the Jalmat Pool initially through 16 wells located within said unit area.

(4) That the wells in the subject waterflood project are properly classified as "stripper" wells.

(5) That the subject application should be approved and should be made subject to the provisions of Rule 701.

(6) That restrictions should be imposed upon the method used to inject water in order to protect fresh water-bearing formations in the area.

IT IS THEREFORE ORDERED:

(1) That The British American Oil Producing Company is hereby authorized to institute a waterflood project in the Jalmat Field-Yates Sand Unit Area, located in Township 22 South, Range 35 East, NMPM, Lea County, New Mexico, by the injection of water initially through the following-described wells:

Amerada-State WE-J Well No. 2, Unit D, Section 11;
Aztec-State J-10 Well No. 1, Unit P, Section 10;
British American-Hull State "F" Well No. 1, Unit P, Section 11;
British American-Hull State "F" Well No. 4, Unit H, Section 11;
British American-Hull State "F" Well No. 5, Unit O, Section 11;
British American-Hull State "F" Well No. 7, Unit J, Section 11;
British American-Hull State "F" Well No. 10, Unit F, Section 11;
British American-Hull State "F" Well No. 13, Unit B, Section 11;
British American-New Mexico "B" Well No. 8, Unit B, Section 14;
Carper Drilling Company-Randel "A" Well No. 5, Unit N, Section 2;
Carper Drilling Company-Randel "C" Well No. 3, Unit N, Section 12;
Carper Drilling Company-Randel "C" Well No. 4, Unit L, Section 12;
Gulf-Janda "K" Well No. 2, Unit F, Section 14;
Gulf-Janda "K" Well No. 3, Unit N, Section 14;
Gulf-Janda "K" Well No. 5, Unit D, Section 14; and
Gulf-Janda "K" Well No. 6, Unit L, Section 14.

(2) That the subject waterflood project shall be governed by the provisions of Rule 701.

(3) That water injection shall be accomplished either by injecting into all sands through one string of tubing under a packer or by injecting selectively through two strings of tubing under a packer; provided, however, that in the case of selective injection wells which are equipped with less than 5 1/2-inch pipe, selective injections may be made through one string of tubing under a packer and through the casing-tubing annulus in which case the casing must have been perforated and squeeze-cemented from total depth to the shoe of the surface string of casing.

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

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CASE No. 2546
Order No. R-2243

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

JALMAT FIELD YATES SAND

APPROVED: May 31, 1962

EFFECTIVE: June 1, 1962

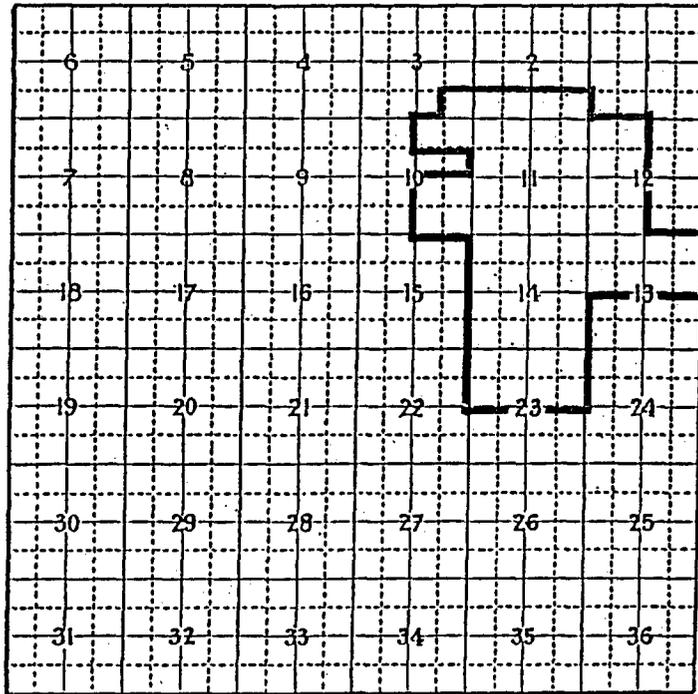
WATERFLOOD

Yates Sand Formation

Lea County, New Mexico

Chevron USA, Inc., Operator


gulram, inc.
 petroleum engineering and government regulation consultants



R 35 E

T
22
S

Unit Land

State	2,640.00 acres
Fee	<u>40.00</u> acres
Total	2,680.00 acres

COUNTY *Lea*

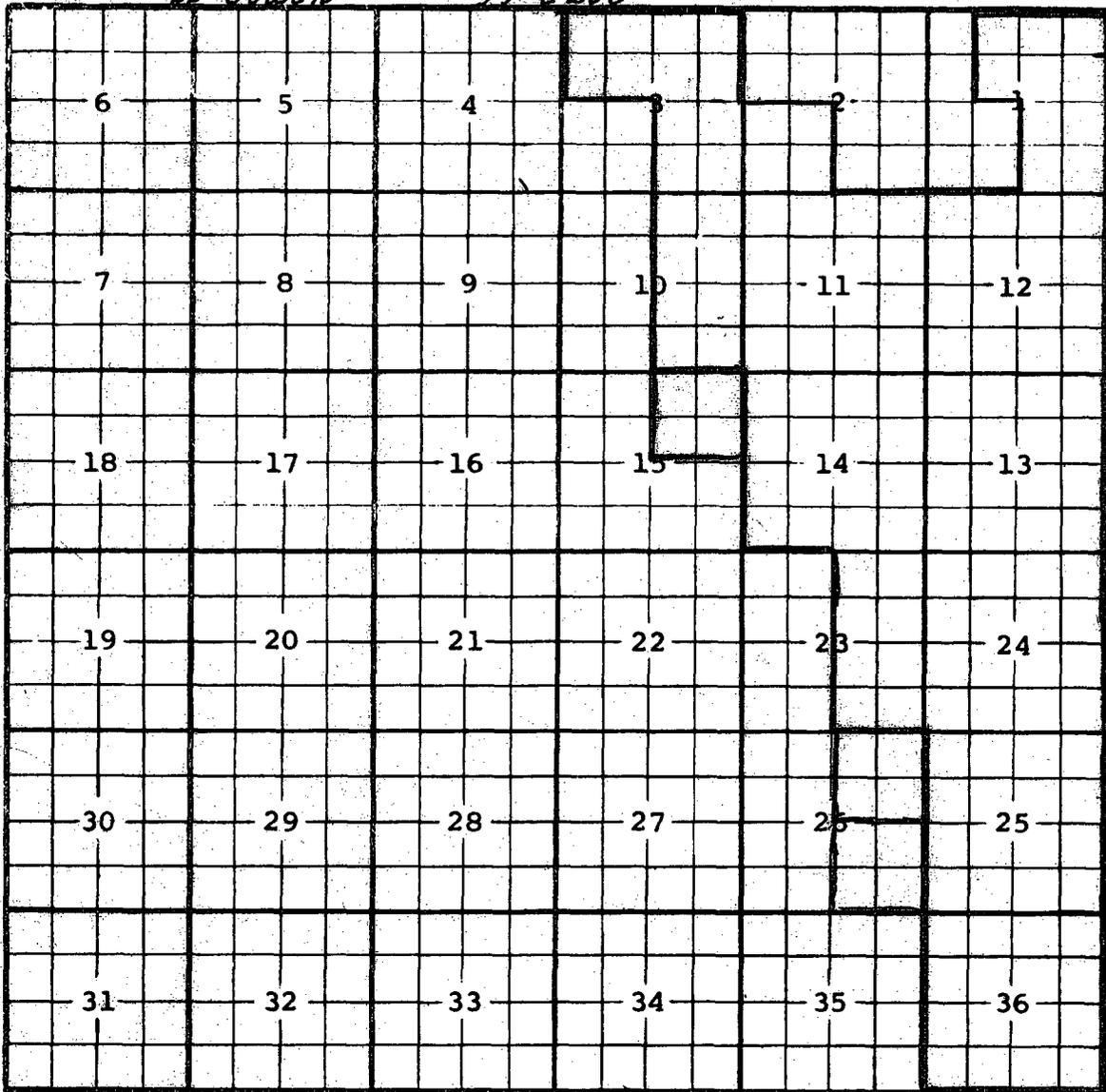
POOL *Talmat Gas*

(*T-Y-SR*)

TOWNSHIP *22-South*

RANGE *35-East*

NMPM



*Description: $\frac{E}{2}$ Sec. 13, (R-520, 8-12-54). - $\frac{NE}{4}$ Sec. 24, (R-623, 4-20-55).
 - All Sec. 12; $\frac{W}{2}$ Sec. 13; $\frac{NW}{4}$ & $\frac{S}{2}$ Sec. 24, (R-667, 7-27-55). - All Sec. 25;
 All Sec. 36, (R-738, 1-12-56). - $\frac{SE}{4}$ Sec. 14; (R-763, 3-14-56). - $\frac{E}{2}$ Sec. 1;
 $\frac{NE}{4}$ Sec. 14, (R-800, 5-16-56). - $\frac{NE}{4}$ Sec. 23, (R-842, 7-9-56). - $\frac{SE}{4}$
 Sec. 11, (R-920, 12-13-56). - $\frac{E}{2}$ $\frac{NW}{4}$ Sec. 1, (R-958, 3-8-57). - $\frac{SE}{4}$ Sec. 23,
 (R-986, 4-29-57). - $\frac{E}{2}$ $\frac{NE}{4}$ Sec. 11, (R-1017, 6-28-57). - $\frac{W}{2}$ Sec. 14,
 (R-1143, 3-25-58). - $\frac{SW}{4}$ Sec. 11, (R-1179). - $\frac{NE}{4}$ Sec. 10; $\frac{NW}{4}$ & $\frac{W}{2}$ $\frac{NE}{4}$
 Sec. 11, (R-1221, 8-1-58). - $\frac{SE}{4}$ Sec. 3; $\frac{SE}{4}$ Sec. 10, (R-1283, 12-1-58).
 - $\frac{SW}{4}$ Sec. 2, (R-1397, 6-1-59). - $\frac{N}{2}$ Sec. 3, (R-1652, 5-1-60).
 Ext: $\frac{NE}{4}$ sec 15 (R-6724, 7-16-81) EXT: $\frac{NE}{4}$ sec 26 (R-6923,
 3-9-82)
 Ext: $\frac{SE}{4}$ Sec. 26 (R-7193, 1-26-83)*

