

**Marbob Energy Corporation
Mary Dodd A & B and Boyd Dodd B
Injection Order Listing**

<u>Injection Well</u>	<u>U-S-T-R</u>	<u>API No.</u>	<u>Order No.</u>	<u>Order Date</u>
Mary Dodd A #19	J-15-17S-29E	30-015-02989	R-3013	12/03/65
Mary Dodd A #20	L-14-17S-29E	30-015-02981	R-3013	12/03/65
Mary Dodd B #08	D-14-17S-29E	30-015-02980	WFX-254	02/02/67
Mary Dodd B #16	B-15-17S-29E	30-015-02994	WFX-258	03/25/67
Mary Dodd B #20	P-10-17S-29E	30-015-20028	WFX-258	03/25/67
Mary Dodd B #21	N-11-17S-29E	30-015-20029	WFX-258	03/25/67
Mary Dodd B #27	L-11-17S-29E	30-015-20081	WFX-268	04/25/68
Mary Dodd B #28	J-10-17S-29E	30-015-20162	WFX-268	04/25/68
Mary Dodd B #30	H-10-17S-29E	30-015-20165	WFX-268A	09/13/68
Mary Dodd B #32	F-11-17S-29E	30-015-20167	WFX-298	10/02/68
Boyd Dodd B #04	J-11-17S-29E	30-015-02948	WFX-288	04/25/68
Boyd Dodd B #05	P-11-17S-29E	30-015-02950	WFX-288	04/25/68

APPLICATION OF SUNRAY DX OIL
COMPANY TO EXPAND ITS SDX METEX
WATERFLOOD PROJECT IN THE SQUARE
LAKE POOL IN EDDY COUNTY, NEW
MEXICO.

ORDER WFX NO. 254

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701, Sunray DX Oil Company has made application to the Commission on January 18, 1967, for permission to expand its SDX Metex Water Flood Project in the Square Lake Pool, Eddy County, New Mexico.

NOW, on this 2nd day of February, 1967, the Secretary-Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Rule 701.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Rule 701.
5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Sunray DX Oil Company, be and the same is hereby authorized to inject water into the Grayburg formation through the following described wells for purposes of secondary recovery, to wit:

M. Dodd "B" Well No. 7 located in Unit F and M. Dodd "B" Well No. 8, located in Unit D, both in Section 14, Township 17 South, Range 29 East, NMPM.

PROVIDED HOWEVER, That applicant shall inject water through tubing with packers set well below the top of the cement surrounding the production casing in said wells.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.
Secretary-Director

S E N L

RECEIVED

APPLICATION OF SUNRAY OIL
COMPANY TO EXPAND ITS SDX
METEX WATER FLOOD PROJECT IN
THE SQUARE LAKE POOL IN EDDY
COUNTY, NEW MEXICO,

APR 3 1967

O. C. C.
ARTERIA, EFFIE

ORDER WFX NO. 258

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION**

Under the provisions of Order No. R-3013, Sunray Oil Company has made application to the Commission on March 10, 1967, for permission to expand its SDX Metex Water Flood Project in the Square Lake Pool, Eddy County, New Mexico.

NOW, on this 25th day of March, 1967, the Secretary-Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Order No. R-3103.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Order No. R-3103.
5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Sunray Oil Company, be and the same is hereby authorized to inject water into the Grayburg formation through the following described wells for purposes of secondary recovery, to wit:

M. Dodd "B" Well No. 18 located in Unit B of Section 15,
M. Dodd "B" Well No. 20 located in Unit P of Section 10,
and M. Dodd "B" Well No. 21 located in Unit N of Section
11, all in Township 17 South, Range 29 East, NMPM.

PROVIDED HOWEVER, That applicant shall inject water through tubing with packers set at approximately 2400 feet in said wells.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.
Secretary-Director

S E A L

RECEIVED

SEP 13 1967

OIL FIELD
ADVISORY OFFICE

APPLICATION OF SUNRAY DX OIL
COMPANY TO EXPAND ITS SDX METEX
WATER FLOOD PROJECT IN THE GRAYBURG-
JACKSON AND SQUARE LAKE POOLS IN
EDDY COUNTY, NEW MEXICO.

ORDER WFX NO. 258

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701, Sunray DX Oil Company has made application to the Commission on July 28, 1967, for permission to expand its SDX Metex Water Flood Project in the Grayburg-Jackson and Square Lake Pools, Eddy County, New Mexico.

NOW, on this 14th day of August, 1967, the Secretary-Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Rule 701.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Rule 701.
5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Sunray DX Oil Company, be and the same is hereby authorized to inject water into the Grayburg formation through the following-described wells for purposes of secondary recovery, to wit:

M. Dodd "A" Well No. 22 located in Unit N of Section 14,
M. Dodd "B" Well No. 27 located in Unit L of Section 11,
M. Dodd "B" Well No. 28 located in Unit J of Section 10, and
M. Dodd "B" Well No. 29 located in Unit H of Section 10,
all in Township 17 South, Range 29 East, NMPM

PROVIDED HOWEVER, That applicant shall inject water through tubing with packers set at approximately 2400 feet in the production casing in said wells.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

D. L. PORTER, Jr., Secretary-Director

S E A L

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

RECEIVED

SEP 14 1968

September 13, 1968

Sunray DX Oil Company
P. O. Box 1416
Roswell, New Mexico

Re: Administrative Order
WFX-268

Gentlemen:

As per the request of the applicant, Sunray DX Oil Company, Administrative Order WFX-268 is hereby amended to read as follows:

M. Dodd "B" Well No. 30 located in Unit H of Section 10, Township 17 South, Range 29 East, NMPM, in lieu of that portion which now reads:

M. Dodd "B" Well No. 29 located in Unit H of Section 10, Township 17 South, Range 29 East, NMPM.

The requested change was submitted by letter dated September 12, 1968.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og
cc: Oil Conservation Commission
Artesia, New Mexico

APPLICATION OF SUNRAY DX
OIL COMPANY TO EXPAND ITS
SDX METEX WATER FLOOD PROJECT
IN THE GRAYBURG-JACKSON POOL
IN EDDY COUNTY, NEW MEXICO.

ADMINISTRATIVE ORDER
WFX NO. 298

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION**

Under the provisions of Rule 701, Sunray DX Oil Company has made application to the Commission on September 17, 1968, for permission to expand its SDX Metex Water Flood Project in the Grayburg-Jackson Pool, Eddy County, New Mexico.

NOW, on this 2nd day of October, 1968, the Secretary-Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Rule 701.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Rule 701.
5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Sunray DX Oil Company, be and the same is hereby authorized to inject water into the Grayburg formation through the following described wells for purposes of secondary recovery, to wit:

M. Dodd "B" Well No. 32 located in Unit F of Section 11 and Continental "U" State Well No. 3 located in Unit F of Section 15, both in Township 17 South, Range 29 East, NMPM.

PROVIDED HOWEVER, That the applicant shall inject water through tubing with packers set at approximately 2400 feet in said wells.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.
Secretary-Director

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APR 30 1968

APPLICATION OF SUNRAY DX OIL
COMPANY TO EXPAND ITS SDX METEX
WATER FLOOD PROJECT IN THE SQUARE
LAKE POOL IN EDDY COUNTY, NEW MEXICO.

O. C. C.
ARTERIAL OFFICE

ORDER WFK-288

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION**

Under the provisions of Rule 701, Sunray DX Oil Company has made application to the Commission on April 10, 1968, for permission to expand its SDX Metex Water Flood Project in the Square Lake Pool, Eddy County, New Mexico.

NOW, on this 25th day of April, 1968, the Secretary-Director finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Rule 701.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Rule 701.
5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Sunray DX Oil Company, be and the same is hereby authorized to inject water into the Grayburg formation through the following described wells for purposes of secondary recovery, to wit:

Boyd-Dodd "B" Well No. 4 located in Unit J and
Boyd-Dodd "B" Well No. 5 located in Unit P, both
in Section 11, Township 17 South, Range 29 East,
NMPM.

PROVIDED HOWEVER, That applicant shall inject water through tubing with packers set as close to the casing shoes as is practicable in the production casing in said wells.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.
Secretary-Director

S E A L

DEC 6 1965

O. B. C.
ATTORNEY, GENERAL

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. 3343
Order No. R-3013

APPLICATION OF SUNRAY DX OIL COMPANY
FOR A WATERFLOOD PROJECT, EDDY COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 23, 1965, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 3rd day of December, 1965, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That the applicant, Sunray DX Oil Company, seeks permission to institute a waterflood project in the Grayburg-Jackson and Square Lake Pools by the injection of water into the Metex zone of the Grayburg formation through four injection wells in Sections 14 and 15, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

-2-

CASE No. 3343

Order No. R-3013

IT IS THEREFORE ORDERED:

(1) That the applicant, Sunray DX Oil Company, is hereby authorized to institute a waterflood project in the Grayburg-Jackson and Square Lake Pools by the injection of water into the Metex zone of the Grayburg formation through the following-described wells in Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico:

Square Lake Pool

Sunray DX Dodd B Well No. 9, Unit H of Section 15 ✓

Grayburg-Jackson Pool

Sunray DX Dodd A Well No. 19, Unit J of Section 15 ✓

Sunray DX Dodd A Well No. 13, Unit P of Section 15 ✓

Sunray DX Dodd A Well No. 20, Unit L of Section 14 ✓

(2) That the subject waterflood project is hereby designated the SDX Metex Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) 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

JACK M. CAMPBELL, Chairman

GUYTON B. HAYS, Member

S E A L

esr/

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