

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. 2576
Order No. R-2268

APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR APPROVAL OF A WATER-
FLOOD 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 June 7, 1962, at Santa Fe, New Mexico, before Daniel S. Nutter, 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 21st day of June, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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, Sinclair Oil & Gas Company, seeks approval of a waterflood project in the Grayburg-Jackson Pool with the injection of water to be through seven wells located in Sections 3 and 4, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.

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

(4) That approval of the subject application will neither cause waste nor impair correlative rights; provided, however, that unless agreed to by all parties, the transfer of allowables across lease lines where royalty ownership is diverse should not be authorized.

IT IS THEREFORE ORDERED:

(1) That the applicant, Sinclair Oil & Gas Company, is hereby authorized to institute a waterflood project in the Grayburg-Jackson Pool with the injection of water through the following-described wells in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico:

West "A" Well No. 8, Unit E, Section 3;
West "A" Well No. 4, Unit G, Section 4;
West "A" Well No. 7, Unit A, Section 4;
West "A" Well No. 9, Unit I, Section 4;
West "B" Well No. 3, Unit C, Section 4;
West "B" Well No. 6, Unit E, Section 4; and
West "B" Well No. 11, Unit K, Section 4.

(2) That the waterflood project shall be governed by Rule 701, including the allowable provisions thereof.

PROVIDED HOWEVER, That unless otherwise agreed to by all parties and evidence thereof furnished the Commission, the transfer of allowables within the project area of this waterflood shall be authorized only insofar as the transfer is made between wells having common royalty ownership.

(3) 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

E. S. WALKER, Member

A. L. PORTER, Jr., Member & 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. 2909
Order No. R-2268-A

APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR THE EXTENSION OF 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 September 25, 1963, at Santa Fe, New Mexico, before Daniel S. Nutter, 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 17th day of October, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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 by Order No. R-2268 dated June 21, 1962, the Commission authorized Sinclair Oil & Gas Company to institute a waterflood project in the Grayburg-Jackson Pool with the injection of water through seven wells in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.

(3) That the applicant, Sinclair Oil & Gas Company, seeks authority to expand its Keel-West Waterflood Project in the Grayburg-Jackson Pool in four separate stages.

(4) That an administrative procedure should be established whereby wells may be converted to injection by stages rather than after experiencing substantial response to water injection as required by Rule 701-E (5).

(5) That approval of the subject application will not alter the manner in which allowable will be assigned to the waterflood project area under the provisions of Rule 701.

(6) That approval of the subject application will afford the applicant greater operating conveniences; that expansion of the waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(7) That the applicant should not be authorized to utilize any casing or tubing program in expansion of the waterflood project unless approval has been obtained or is obtained from the Commission and the State Engineer.

IT IS THEREFORE ORDERED:

(1) That the applicant, Sinclair Oil & Gas Company, is hereby authorized to expand its Keel-West Waterflood Project in the Grayburg-Jackson Pool in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico, in four stages as follows:

STAGE I - TO BE COMMENCED PRIOR TO DECEMBER 31, 1963

Convert the following wells to injection wells;

West "B" Well No. 9, Unit M, Section 4
West "B" Well No. 19, Unit C, Section 10
West "B" Well No. 23, Unit K, Section 3
Keel "B" Well No. 16, Unit I, Section 5
Keel "B" Well No. 12, Unit A, Section 8
Keel "B" Well No. 13, Unit O, Section 5

Drill 1 injection well located on the
West "B" lease in Unit A of Section 9.

STAGE II - TO BE COMMENCED SUBSEQUENT TO COMPLETION OF
STAGE I BUT NOT PRIOR TO JANUARY 1, 1964

Convert the following wells to injection wells;

West "B" Well No. 10, Unit E, Section 9
Keel "B" Well No. 7, Unit C, Section 8
Keel "B" Well No. 8, Unit G, Section 8

Drill 1 injection well located on the
West "B" lease in Unit C of Section 9.

STAGE III - TO BE COMMENCED SUBSEQUENT TO COMPLETION OF
STAGE II BUT NOT PRIOR TO JULY 1, 1964

Convert the following wells to injection wells;

West "B" Well No. 14, Unit K, Section 10
West "B" Well No. 17, Unit I, Section 9
Keel "B" Well No. 2, Unit M, Section 8

Keel "B" Well No. 4, Unit O, Section 8
Keel "B" Well No. 17, Unit E, Section 8
Keel "A" Well No. 5, Unit O, Section 7
Keel "A" Well No. 7, Unit L, Section 7
Keel "A" Well No. 9, Unit G, Section 7
Keel "A" Well No. 10, Unit I, Section 7
Keel "A" Well No. 12, Unit A, Section 7
Keel "A" Well No. 14, Unit D, Section 7
West "A" Well No. 1, Unit C, Section 3

Drill 2 injection wells located on the Keel "B" Lease in Units I and K of Section 8; drill 1 injection well located on the West "B" lease in Unit K of Section 9.

STAGE IV - TO BE COMMENCED SUBSEQUENT TO COMPLETION OF
STAGE III BUT NOT PRIOR TO JANUARY 1, 1965

Convert the following wells to injection wells;

West "A" Well No. 3, Unit A, Section 3
West "B" Well No. 24, Unit A, Section 10
West "B" Well No. 26, Unit I, Section 3
Keel "B" Well No. 1, Unit D, Section 6
Keel "B" Well No. 19, Unit J, Section 5
Keel "B" Well No. 21, Unit J, Section 6
Keel "B" Well No. 22, Unit L, Section 5
Keel "B" Well No. 25, Unit L, Section 6

Drill 3 injection wells located on the West "B" lease in Unit P of Section 9 and in Units I and N of Section 10.

(2) That the applicant is hereby authorized to drill and substitute injection wells for the injection wells authorized above provided the substitute well will be drilled at a standard location in the same 40-acre tract as the well it is to replace, the usual forms to obtain approval to drill a well are filed with the Commission, and the applicant notifies the Commission in writing of the proposed substitution.

(3) That the applicant shall not utilize any casing or tubing program in expansion of the waterflood project as approved by this order unless the Commission and the State Engineer have approved said casing or tubing program.

(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. 2909

Order No. R-2268-A

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

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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. 3299
Order No. R-2268-B

APPLICATION OF SINCLAIR OIL & GAS
COMPANY FOR A WATERFLOOD EXPANSION,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 25, 1965, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 13th day of September, 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 by Order No. R-2268-A, the Commission authorized the applicant, Sinclair Oil & Gas Company, to expand its Keel-West Waterflood Project in the Grayburg-Jackson Pool in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico, in four stages, specifying a period of time to commence each stage of the project.

(3) That Order No. R-2268-A provided that Stage IV of the project was to be commenced subsequent to completion of Stage III but not prior to January 1, 1965.

(4) That the applicant seeks amendment of Order No. R-2268-A to authorize the commencement of Stage IV of the project prior to the completion of Stage III.

(5) That approval of the subject application should result in a more efficient waterflood project, thereby preventing waste.

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CASE No. 3299

Order No. R-2268-B

IT IS THEREFORE ORDERED:

(1) That Order No. R-2268-A is hereby amended to authorize the applicant, Sinclair Oil & Gas Company, to commence Stage IV of its Keel-West Waterflood Project in the Grayburg-Jackson Pool in Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico, prior to the completion of Stage III of the project.

(2) 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 herein-above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

GUYTON B. HAYS, Member

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

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