

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. 5258
Order No. R-4819

APPLICATION OF TEXAS PACIFIC
OIL COMPANY FOR TWO WATERFLOOD
PROJECTS AND DOWNHOLE COMMINGLING,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 19, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 9th day of July, 1974, 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, Texas Pacific Oil Company, seeks authority to institute two waterflood projects in its State "A" A/C 1 Lease, Jalmat Oil and Langlie Mattix Pools, by the injection of water into the Upper Seven Rivers and Lower Seven Rivers formations, respectively, through its State "A" A/C 1 Well No. 42 located in Unit A of Section 4, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico.

(3) That the applicant seeks authority to complete the proposed injection well as a single completion and to determine the volumes of injected fluid to be credited to each zone by means of periodic spinner or other surveys.

(4) That the applicant seeks authority to complete its State "A" A/C 1 Wells No. 44 and No. 45 located in Units B and H, respectively, of said Section 4 in such a manner as to produce oil from the Jalmat Oil Pool and oil from the Langlie Mattix Pool commingled in the same wellbore.

(5) That the applicant should determine a formula for allocation of the commingled production from said wells No. 44 and 45 in cooperation with the supervisor of the Commission's Hobbs District Office.

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

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

(8) 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.

IT IS THEREFORE ORDERED:

(1) That the applicant, Texas Pacific Oil Company, is hereby authorized to institute two waterflood projects in its State "A" A/C 1 lease, Jalmat Oil and Langlie Mattix Pools, by the injection of water into the Upper Seven Rivers and Lower Seven Rivers formations, respectively, in applicant's State "A" A/C 1 Well No. 42 located in Unit A of Section 4, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico;

PROVIDED HOWEVER, that injection into said well shall be through internally coated 2 3/8-inch tubing set in a packer at approximately 3600 feet; that the casing-tubing annulus shall be loaded with an inert fluid and be equipped with an approved leak detection device;

PROVIDED FURTHER, that spinner surveys shall be taken at least once each month for the first six months of active injection and at least once each four months thereafter in order to properly allocate the injected volume to the respective pools being flooded and that the results of each such survey shall be filed with the Hobbs District Office of the Commission with Commission Form C-120.

(2) That the subject waterflood projects are hereby designated the Texas Pacific Oil Company Jalmat State "A" and Texas Pacific Oil Company Langlie Mattix State A Waterflood Projects 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 the applicant is hereby authorized to complete its State "A" A/C 1 Wells No. 44 and No. 45 located in Units B and H, respectively, of said Section 4 in such a manner as to produce oil from the Jalmat Oil Pool and oil from the Langlie Mattix Pool commingled in the same wellbore.

(5) That before commencing any operations to complete, treat, or workover the Jalmat oil zone and/or the Langlie Mattix

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zone in either or both of said wells No. 44 and No. 45, the applicant shall contact the supervisor of the Commission's Hobbs District Office and formulate such plans and procedures as may be necessary and required to determine a formula for the allocation of the commingled production.

(6) That no injection shall be permitted in the subject projects until the formula in Order (5) above has been approved by the Santa Fe office of the Commission.

(7) 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



I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member



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



S E A L

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