

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 354
ORDER No. R-179-A

THE APPLICATION OF SKELLY OIL
COMPANY, GULF COAST WESTERN OIL
COMPANY AND HUMBLE OIL AND
REFINING COMPANY FOR AN ORDER
GRANTING APPROVAL OF A SECONDARY
RECOVERY PROGRAM BY WATER FLOOD-
ING THROUGH THE INJECTION OF WATER
INTO FIVE INPUT WELLS TO BE LOCATED
IN SECTION 34, TOWNSHIP 22 SOUTH, RANGE
37 EAST, NMPM, LEA COUNTY, NEW MEXICO,
IN THE PENROSE-SKELLY POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 16, 1952, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW on this 15th day of January, 1953, the Commission, a quorum being present, having considered the records and the testimony adduced and being fully advised in the premises,

FINDS:

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

(2) That by virtue of Order R-103, the Commission granted permission to drill an unorthodox well to be located 1310 feet from the North and East lines of Section 34, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico, to be known as the T. O. May, Well No. 5.

(3) That by virtue of Order No. R-179 the Commission granted permission to produce the T. O. May, Well No. 5, pending the outcome of negotiations among the operators in the area for a joint water flooding project.

(4) That negotiations have now been completed among the interested parties in the area for a joint water flooding project, and that it would be in the interest of conservation if permission were granted by the Commission to revert to a secondary recovery program by water flooding.

(5) That a secondary recovery program by water injection is of an experimental nature in this particular pool, and periodic reports should be submitted to the Commission by the Petitioner disclosing its acts and doings in the matter.

IT IS THEREFORE ORDERED:

(1) That the application of Skelly Oil Company, Gulf Coast Western Oil Company and Humble Oil and Refining Company for permission to institute a secondary recovery program on leases in Section 34, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico by injecting water into five injection wells be, and the same hereby is approved.

(2) That permission is hereby granted to inject water into the following wells, said water to enter the Queen sand producing horizon of the Penrose-Skelly Pool.

Township 22 South, Range 37 East, NMPM

Gulf Coast Western Oil Company, T. O. May, No. 1, NW/4 NE/4 Section 34.

Gulf Coast Western Oil Company, Humble State, No. 1, NW/4 SE/4 Section 34.

Skelly Oil Company, H. O. Sims, No. 8, SE/4 SW/4, Section 34.

Skelly Oil Company, H. O. Sims, No. 9, NW/4 SW/4, Section 34.

Humble Oil and Refining Company, State H, No. 5, SE/4 NW/4, Section 34.

PROVIDED, HOWEVER, that in the event that the Humble Oil and Refining Company, State H, Well No. 5, does not prove feasible for use as a water injection well, Humble Oil and Refining Company is hereby granted permission to drill for water injection purposes another well in the SE/4 NW/4 Section 34.

(3) That the operators shall submit monthly reports to the Commission showing the monthly oil production and water production, and amount of water injected into the reservoir through each injection well bore.

IT IS FURTHER ORDERED: That Gulf Coast Western Oil Company be and it hereby is authorized to produce its T. O. May, Well No. 5, NE NE, Section 34, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico, in lieu of the production lost by the conversion of the T. O. May, Well No. 1 to a water injection well.

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

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