

Entered August 9, 1977
JLR

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. 5995
Order No. R-5506

APPLICATION OF TENNECO OIL COMPANY
FOR DUAL COMPLETIONS AND WATERFLOOD
EXPANSIONS, MCKINLEY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on July 20, 1977,
at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 9th day of August, 1977, 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, Tenneco Oil Company, seeks authority
to expand its South Hospah-Upper Sand and South Hospah-Lower
Sand Waterflood Projects by dually completing its Hospah Unit
Wells Nos. 58 and 59, located in Units F and G, respectively,
of Section 12, Township 17 North, Range 9 West, McKinley County,
New Mexico, in such a manner as to permit water injection into
each of said zones through parallel strings of tubing.

(3) That the applicant proposes to complete said Hospah
Unit Wells Nos. 58 and 59 with parallel strings of tubing,
packers set immediately above the injection intervals, and
provide for testing to determine any leakage of the tubing,
casing or upper packers.

(4) That the mechanics of the proposed dual completions
are feasible and in accordance with good conservation practices.

(5) That before injection into either of said wells should
begin, the applicant should consult with the supervisor of the
Commission's district office at Aztec to determine an injection
pressure limitation such as to preclude fracturing of the
confining strata.

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(6) That the operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

(7) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Tenneco Oil Company, is hereby granted authority to expand its South Hospah-Upper Sand and South Hospah-Lower Sand Waterflood Projects by dually completing its Hospah Unit Wells Nos. 58 and 59, located in Units F and G, respectively, of Section 12, Township 17 North, Range 9 West, NMPM, McKinley County, New Mexico, in such a manner as to permit water injection into each of said zones.

PROVIDED HOWEVER, that each of said wells shall be equipped with parallel strings of 2 1/16-inch tubing, packers set immediately above each injection zone, and that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus or the annulus shall be equipped with an approved leak detection device in order to determine leakage in the casing, tubing, or packer.

(2) That prior to commencing injection into either of the subject wells, the operator shall consult with the supervisor of the Commission's district office at Aztec to determine an injection pressure limitation such as to preclude fracturing of the confining strata in said projects.

(3) That the injection wells or systems shall be equipped with pop-off valves or acceptable substitutes which will limit the wellhead pressure on the injection wells to a pressure no higher than that determined pursuant to Order No. (2) above.

(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

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

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