

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. 559
Order No. R-353

THE MATTER OF THE APPLICATION OF
PHILLIPS PETROLEUM COMPANY FOR
PERMISSION TO EFFECT DUAL COMPLE-
TION OF ITS DENTON NO. 13 WELL, IN
THE NW/4 NW/4 OF SECTION 11, TOWN-
SHIP 15 S, RANGE 37 E, NMPM, LEA
COUNTY, NEW MEXICO (IN THE DENTON
FIELD) IN SUCH A MANNER AS TO PERMIT
PRODUCTION OF OIL FROM THE DEVONIAN
FORMATION THROUGH EXISTING PERFORA-
TIONS, 12,580 FEET TO 12,730 FEET, AND
OIL FROM THE WOLFCAMP FORMATION
AFTER PERFORATING AT 9150 TO 9580 FEET.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m., on July 16, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this *28th* day of August, 1953, the Commission, a quorum being present, having considered the application and the testimony adduced at the hearing, 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.

(2) That dual completion of the Denton No. 13 Well located in the NW/4 NW/4 of Section 11, in Township 15 S, Range 37 E, NMPM, Lea County, New Mexico, (in the Denton Field) for production of oil from the Denton-Wolfcamp formation, and oil from the Denton-Devonian formation would be subject to the operational hazards incident to great depth.

(3) That there exists between the two reservoirs a considerable pressure differential, and, should interzone communication occur from any cause, the deeper Devonian Reservoir with the higher pressure would be injured.

(4) That testimony adduced clearly shows that packer and other mechanical failures in oil-oil dual completions at various depths in other areas, under conditions similar to those existing in the Denton Field, have caused interzone communication.

(5) That dual oil-oil completion of the subject well would under the circumstances not only be conducive of waste, but adversely affect correlative rights, and should be denied.

-2-


Case No. 559
Order No. R-353

IT IS THEREFORE ORDERED:


That the application of Phillips Petroleum Company, for permission to dually complete its Denton No. 13 Well located in the NW/4 NW/4 of Section 11, in Township 15 South, Range 37 East, NMPM, for production of oil from the Denton-Wolfcamp formation, and oil from the Denton-Devonian formation be, and the same hereby is denied.

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

S E A L