

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. 593
ORDER NO. R-389

THE APPLICATION OF STANOLIND
OIL AND GAS COMPANY FOR AN ORDER
PERMITTING DUAL COMPLETION OF ITS
STATE 'E', TRACT 17, WELL NO. 1, SW/4
SE/4 SECTION 1, TOWNSHIP 17 SOUTH,
RANGE 36 EAST, NMPM, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. October 15, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 24th, day of November, 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said 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 and the subject matter thereof.

(2) That applicant's State 'E' Tract 17 Well No. 1 was originally completed in January 1939 as a gas well producing from the Queen formation (interval 3891-3911').

(3) That applicant now desires to deepen this well and complete it also as an oil well producing from the Paddock formation producing from the open-hole interval from approximately 6085 to 6190 feet.

(4) That although field experience tends to prove that mechanical packers and other devices are ordinarily available for successful dual completions of oil-gas wells, the Commission is not convinced of the advisability of such dual completions as a waste-prevention measure as a general practice in New Mexico without specific controls over each such project.

IT IS THEREFORE ORDERED:

That the applicant herein, Stanolind Oil and Gas Company, be, and it hereby is authorized to dually complete and produce its State 'E' Tract 17 No. 1 Well, SW/4

SE/4 Section 1, Township 17 South, Range 36 East, NMPM, Lea County, New Mexico, in such a manner as to permit production of gas from the Queen formation through the annular space between the casing and the tubing, and oil from the Paddock formation of the Lovington-Paddock Oil Pool through the tubing, by proper perforations and the installation of a proper packer.

PROVIDED HOWEVER, That subject well shall be completed, and thereafter produced, in such a manner that there will be no commingling within the well bore, either within or outside the casing of gas, oil and gas, or oil produced from either or both of the separate strata, and

PROVIDED FURTHER That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used, at any time, as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil ratio thereof determined, and

PROVIDED FURTHER, That upon the actual dual completion of such subject well applicant shall submit to the District Office of the Commission in which the subject well is located Form C-103, Form C-104 and Form C-110 outlining the information required on these forms by existing Rules and Regulations, and two copies of the electrical log of the well, if available.

PROVIDED FURTHER, That the operator applicant shall make any and all tests, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and by representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the applicant herein and all witnesses, and shall be filed with the Commission within ten (10) days after completion of such test, and

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas/oil ratio and reservoir pressure determination of each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED, That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing, the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.
Oil Conservation Commission - Signed by: Edwin L. Mechem, Chairman; E. S. Walker Member; R. R. Spurrier, Member and Secretary.