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August 11, 1954

FILE: LWS-307-401

SUBJECT: Dual Completion State "E"  
Tract 17 No. 1, Lovington-  
Paddock Field

New Mexico Oil  
Conservation Commission (2)  
Santa Fe, New Mexico

Gentlemen:

Oil Conservation Commission Order No. R-389 dated November 24, 1953 approved dual completion in the Paddock and Queen formations of Stanolind's State "E" Tract 17 No. 1 located 660' from the South line and 1980' from the East line of Section 1, T-17-S, R-36-S, Lea County, New Mexico. The order stipulated that upon actual dual completion, a diagrammatic sketch of the 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 strata would be filed.

In accordance with the above order the following is furnished:

On a production test following the dual completion on May 21, 1954, the Paddock zone produced 54 BO per day, 0 BW per day and 5.7 MCFPD for a calculated gas-oil ratio of 105. Production was by pump from below a packer set at 4011'.

On a stabilized test of the Queen on May 13, 1954, the well produced at the rate of 2670 MCFPD through a 14/64" choke with a flowing pressure of 345 psi. No fluid was recovered during the test.

Bottom hole pressure determinations were not conducted on the Paddock, as this is a pumping well. Otherwise, all provisions of the order have been complied with. Gas-oil ratio tests obtained from both zones coupled with the comparable completion ratio of 101 on 12-20-53 from the Paddock are indicative of the existence of an effective seal between the gas and oil zones.