

Post Office Box 66
Hobbs, New Mexico

August 2, 1954

FILE: 44-290-401

SUBJECT: Dual Completion O. J. Gillyully
"B" No. 4, Eumont and Eunice-
Monument Fields

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

Gentlemen:

Oil Conservation Commission Order No. 88-80 dated March 15, 1954, approved dual completion in the Eunice-Monument and Eumont pools of Stanco-Ind's O. J. Gillyully "B" No. 4 located 340' from the North and West Lines of Section 22, T-20-S, R-37-E, Lea County, New Mexico. The order, among other things, stipulated that upon the actual dual completion 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 of each producing zone would be filed.

In accordance with the aforementioned order the following data are furnished:

Following a 48 hour shut-in period of both zones on May 5, 1954, the bottom hole pressure of both pays was determined at a datum of +464, which is at a depth opposite casing perforations in the Yates, Seven Rivers, Queen gas pay. The pressure as determined with a bomb in the tubing of the Grayburg was 1175 psig. At the same datum the pressure in the annulus as determined from surface pressure and corrected by use of acoustic well sounding equipment was 1310 psig for the Yates, Seven Rivers, Queen. Surface tubing pressure was 1057 psig and surface casing pressure was 1117 psig.

During a test on April 19, 1954 the Yates, Seven Rivers, Queen flowed at a rate of 4858 MCFD with a flowing casing pressure of 900 psig. A flowing production test from the Grayburg on April 12, 1954 recovered 13 MCFD, 1 MCFD and 1013 MCFD through a 20/64" choke for