

DUPLICATE

ATTACHED TO C-102—WHITMIRE WELL NO. 4

July 16, 1951

This well was originally completed February 25, 1937 as an oil producer from the San Andres dolomite at a TD of 3881'. With subsequent withdrawals of oil from the formation exposed, the gas oil ratio increased to such an extent that the well could not be operated profitably as a commercial producer. Therefore, on June 6, 1945, that oil pay was plugged off with 35 sacks of cement below a retainer set at 3780'. The casing was then perforated from 3690' to 3741', exposing the lower Grayburg and from 3541' to 3580', exposing the upper Grayburg section. Completed in that manner the well was a gas producer with a potential of 12,750 MCF per day. In April, 1949, the well started producing oil. A production type packer was set at 3633' segregating the upper and lower sections of the Grayburg formation. On October 23, 1949, the upper Grayburg section tested 2100 MCF of dry gas against 800# back pressure, flowing through the annulus. At the same time the well tested 143 barrels of oil and 5,500 cu. ft. of gas through a 3/16" choke through the tubing from the lower Grayburg section. Additional tests indicated that the two producing formations were segregated. Since that time only gas has been produced and the oil formation has been shut-in.

It is proposed to now shut-in the well as a gas producer and to produce it as an oil well from the Lower Grayburg Formation, from 3690' to 3741' through the perforations in the 5-1/2" casing. Due to the fact that no work is being performed on this well at this time no C-103 will be submitted.
