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WORTH PRODUCTION DIVISION P. O. Box 2167 Hobbs, New Mexico October 26, 1955 GULF OIL CORPORATION FORT WORTH PRODUCTION DIVISION

New Mexico P. 0. Box 871 Santa Fe, New Mexico

> Re: Application to Dually Complete Gulf Oil Corporation's H. T. Orcutt "C" No. 8 in Eumont Oil Pool and Eumont Gas Pool, Lea County, New Mexico.

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Gentlemen:

By this letter of application Gulf Oil Corporation wishes to state the following:

(a) That by DC #95, dated April 2, 1954, Gulf Cil Corporation received authority to dually complete subject well in Eunice Oil Pcol and Eumont Gas Pool.

(b) That subject well was perforated in intervals of 3588-3498', 3470-3414', 3408-3402', and 3394-3362' and subsequent testing revealed that perforated interval 3588-3498', in Penrose formation, is productive of oil and remainder of perforated intervals are productive of gas.

(c) That Gulf Oil Corporation H. T. Orcutt "C" No. 8, located in the Center Lot 2 of Section 6-218-36E, was completed June 10, 1937 at a total depth of 3855'. The attached Exhibit "A" shows the location of this well on the Gulf Oil Corporation H. T. Orcutt "C" Lease together with the location of all offset wells. The attached Exhibit "B" is a schematic drawing of the proposed dual completion.

(d) That subject well has  $5\frac{1}{2}$ " casing set at 3740' and cemented with 300 sacks of cement. The well is an oil well producing from the open hole interval from 3740-3831' in the Eunice Pool.

That the applicant proposes to dually complete the well in the follow-(e) ing manner:

- 1. Temporarily abandon Eunice Oil Zone utilizing permanent type production packer at 3685' with tail pipe and circulating valve in closed position as method to confine Eunice Oil Zone.
- 2. Set production type packer at approximately 3485! to separate the two pay zones in the Eumont Pool,

3. Produce the Eumont Pool oil through the tubing and the Eumont gas through the tubing-casing annulus.

(f) That the granting of this application for permission to produce the well as a dual completion with gas from the Eumont and oil from the Eumont is ind in the first and the second state of completive rights. the interest of conservation and the protection of correlative rights. to an interest in the

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