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GULF OIL CORPORATION HOBBS OFFICE
FORT WORTH PRODUCTION DIVISION
P. O. BOX 2167
Hobbs, New Mexico
November 16, 1956

DC-379
June 11/29/56

1956 NOV 27 AM 9:45

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Application to Dually Complete
Gulf Oil Corporation's H. D. Greer
No. 1, Jalmat Gas and South Eunice
Oil Pools, Lea County, New Mexico.

Gentlemen:

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

(a) That Gulf Oil Corporation's H. D. Greer No. 1 located in the C NE/4 SW/4 of Section 21, T-22-S, R-36-E, was completed as an oil well in the South Eunice Pool on 2-5-38 at a total depth of 3842'. The well was plugged back to 3635' and recompleted as a Jalmat Gas Well 4-13-54. The attached Exhibit "A" shows the location of this well on the Gulf Oil Corporation's H. D. Greer Lease together with the location of all offset wells. The attached Exhibit "B" shows a diagrammatic sketch of the proposed dual completion.

(b) That subject well has 6" casing set at 3695' and cemented with 150 sacks of cement. The well is a gas well producing from the perforated intervals from 3140-3220, 3240-3380, 3420-3560 from the Yates and 7 Rivers formations in the Jalmat Pool.

(c) That the applicant proposes to dually complete the well in the following manner:

- (1) Drill out cement and plugs from 3635' to 3842'.
- (2) Fracture treat the open hole interval from 3695-3842' in the Queen formation in the South Eunice Pool.
- (3) Set production type packer at approximately 3675' to separate the two pay zones.
- (4) Produce the South Eunice Pool oil through the tubing and the Jalmat gas through the tubing casing annulus.

(d) That the granting of this application for permission to produce the well as a dual completion with gas from the Jalmat and oil from the South Eunice is in the interest of conservation and the protection of correlative rights.