RICHARDSON & BASS Ft. Worth National Building Ft. Worth, Texas July 28, 1953 W. L. Macey, Chief Engineer New dexico dil Conservation Commission Santa Fe, New Mexico Dear Pr. Bacey: Richardson & Bass has recently completed their No. 1. Federal-Cobb for a small producer in the Lower Delaware Formation, slightly below 7,000 feet, after testing to the Ellenberger The well is located in the SW SW Section 23, Township 20 S, Kange 31 E, Eddy County, New Lexico, and is producing through perforations in 9 5/2 casing from 7,003 to 16 and from 7,022 to 35. This sand body is very tight and of relatively low In the process of drilling, drilling fluid stood against the face of this 7,000 foot sand for a considerable time and it was deemed impractical to attempt a natural completion and the well was pressure fractured at the time of the original completion June 23, 1953. The best test flowing was on the 25th of June in which the well flowed 105.8 barrels of oil and 7.1 barrels of water during a 15 hour period. The next day, on a 24 hour test, the well flowed 102 barrels of oil, 34 barrels of water and 110 MCF of jas (GOR 985). The productivity continuously declined and by the middle of July the well was producing a pproximately 60 barrels of oil per day with 19 barrels of water, on inter-A 2 1/2 inch Kope pump was installed on July 26th and the well is now producing at a rate in excess of 200 barrels a day with about 14% water. The Culf Oil Corporation is running this oil. The Richardson & Bass Federal-Cobb No. 1 is located in Section 23 on Federal land. The nearest state land is approximately 1 1/2 miles from this well in Sections 16 and 36 of the same township. To the best of our knowledge this is the only well producing from the lower portion of the Delaware in the State of New Mexico. Further, after careful analysis of all available data, we are unable to determine whether or not commercial production can be obtained from this 7,000 foot stratum.

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Yours very truly,

RICHARDSON & BASS

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K. C. Holer Chief Petroleum Engineer

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