



PETROLEUM AND ITS PRODUCTS

GULF OIL CORPORATION

P. O. Box 2167
Hobbs, New Mexico

FORT WORTH
PRODUCTION DIVISION

December 20, 1955

Mr. A. L. Porter
Proration Manager, Hobbs Office
P. O. Box 2045
Hobbs, New Mexico

Re: Report of Operations and Plans
on Gulf Oil Corporation's Higgins
No. 1 Located in NW/4 SE/4 of Sec-
tion 29-22S-38E

Dear Mr. Porter:

This letter is presented as a resume of operations conducted and future plans on subject well which is necessitated by the unsuccessful attempt to obtain a Blinebry gas well in a dual completion.

By Commission Order No. DC-233, authority was given to dually complete subject well as a Blinebry gas - Drinkard oil producer. Following the setting of a Baker Model "D" production packer at a depth of 6855', the installation of tubing with a circulating valve in closed position below the packer and pressure testing of the casing, the casing was perforated in the interval 5570 - 5650' for Blinebry gas production. On tests subsequent to treatment of the above perforated interval, it was evident from the gravity of the fluid produced (41.5° API) and the gas-oil ratio (5239) that by the Commission Order No. R-610-B, the well would be classified as a Blinebry oil well in lieu of a Blinebry gas well.

Since the subject well was originally a Drinkard oil well and was produced by means of gas-lift at an approximate rate of 14 barrels of oil per day prior to attempts to dually complete, the installation of beam pumping equipment was installed to produce the Drinkard zone. In view of the failure to obtain a gas well in the Blinebry it is necessary to test pump the Blinebry zone to determine which zone, either Blinebry or Drinkard, will return the higher revenue.

It is planned to test pump the Blinebry zone and then test pump the Drinkard. From these tests the classification of the well, either an oil well in the Blinebry or Drinkard Pool, will be determined. The Blinebry zone is now being tested, this zone being isolated from the Drinkard zone via the Baker packer and the lower circulating valve which is located below the packer and

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is in a closed position. For test pumping the Drinkard, the upper circulating valve through which the Blinbry oil is now entering the tubing will be closed, the tubing will be pressure tested to insure segregation, and then the lower circulating valve will be opened for entrance into the tubing of Drinkard oil.

On conclusion of testing as outlined herein, intentions for disposition and classification of the well will be submitted on State Form C-103. As required by testing, requests for allowable will be made to permit adequate testing.

Yours very truly,



J. M. Russell

Asst. Area Superintendent of Prod.

CMB/bh