

HUMBLE OIL & REFINING COMPANY

Hobbs, New Mexico
September 22, 1964

State of New Mexico
Oil Conservation Commission
Box 1980
Hobbs, New Mexico

Attention: Mr. Joe D. Ramey, Proration Manager

The following is in answer to your letter of September 21, 1964, as per our telephone conversation this afternoon concerning the cementing procedure used on the Humble, New Mexico State AB-2 in Unit H, Section 16, T-~~16~~-S, R-37-E.

The original intent was to dually complete this well in the Fowler Ellenburger and Fowler Blinebry Pools using nonconcentric strings of 2-7/8-inch and 4-1/2-inch casing. With this intention, a Form C-101 was filed showing that production string casing cement would be brought back to the intermediate casing shoe at 4454 feet.

While drilling this well all prospective pay zones were observed and drill stem tested. The Paddock and Blinebry zones were drill stem tested where indicated to be possibly productive. Results of all tests are tabulated below.

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|----|-------------|---------------|--|
| #1 | Paddock | 4900-5000 | Gas too small to measure, recovered 792 feet gas cut sulfur water. |
| #2 | Paddock | 5170-5270 | Recovered 3906 feet gas in drill pipe and 1302 feet of gas cut sulfur water. |
| #3 | Blinebry | 5370-5602 | Recovered 178 feet drilling mud, no show. |
| #4 | Ellenburger | 10,255-10,310 | Recovered 1023 feet oil, 1116 feet gas cut mud and 1488 feet salt water. |

The Tubb zone had no shows worthy of drill stem testing.