

THE TEXAS COMPANY

Wink, Texas, July 26, 1937

41516 - W. T. Lanehart Lease
Lea County, New Mexico

Mr. Guy Shepard,
State of New Mexico,
Oil Conservation Commission,
Hobbs, New Mexico.

Dear Sir:

Reference is made to our W. T. Lanehart well No. 1 in the Langlie area and permission to gas lift this well as discussed with you personally in Santa Fe on July 15.

We are enclosing herewith a sketch showing pertinent data on this well and displaying 5" production casing, which was set through high pressure cavernous gas zone encountered around 2700' and subsequent gas horizons for the purpose of obtaining a low gas/oil ratio well. As indicated on the attached sketch, initial production of this well when completed on June 9, 1936, was 115 bbls. oil plus 30% water in 15 hours, natural, flowing with gas/oil ratio of 550.

Since completion date, however, water percentage has increased to the extent that well can no longer be made to flow naturally, except intermittently, and we shall therefore have to resort to artificial means of lifting oil. A tabulation displaying oil-water-gas relationships of this well here follows:

<u>DATE</u>	<u>OIL</u> <u>Bbls.</u>	<u>WATER</u> <u>Bbls.</u>	<u>%</u>	<u>GAS</u> <u>M. Cu. Ft.</u>
June, 1936 ($\frac{1}{2}$ Month)	1743	1160	40	1670
July	3201	2620	45	4300
August	3388	2760	45	5450
Sept.	2837	2310	45	4760

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1936 Continued.				
October	2825	2315	45	3510
November	2977	2435	45	4140
December	3190	3190	50	4140
January, 1937.	2773	6470	70	2050
February	2471	6050	71	2090
March	2689	8067	75	2420
April	2347	9388	80	4650
May	1748	15732	90	5220
June	826	26700	97	2765

Other wells in the vicinity of our Lanehart No. 1 are producing large volumes of gas from gas producing horizons which correspond to horizons from which this bradenhead gas, which we desire to use for gas lift purposes, would be produced. Some of these wells are as follows:

(1) Pueblo Crosby well No. 1, Sec. 29, T25S, R37E. El Paso Gas Company taking from one to two million Cu. Ft. per day and have been so doing for past several years. Total depth of this well is 3100' and production string of casing was set at 2614'. Initial production 30,000,000 Cu. Ft. per day.

(2) Continental Sholes "A" well No. 1, Sec. 29, T25S, R37E. El Paso Gas Company has been taking upwards of 3 Million Cu. Ft. per day from this well and are now taking around 1-1/2 Million Cu. Ft. Total depth is 3030' and 5-3/16" production string is set at 2668'. Initial production was 70,000,000 Cu. Ft. daily.

(3) Jal Natural Gas Company B. M. Justis well No. 1, Sec. 19, T25S, R37E. El Paso Gas Company Taking gas varying from one and one half million to three million Cu. Ft. per day