

PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA

September 20, 1934.

Mr. E. H. Wells,
State Geologist,
Santa Fe, N. M.

Dear Sir:

We wish to submit the following casing program to be used in completing our C. D. Woolworth well #5, located in the NE $\frac{1}{4}$ Sec. 27-24S-36E, Lea County.

We propose to set 214' of 12 $\frac{1}{2}$ " casing and cement to surface. We will set approximately 3100' of new 9 5/8" casing in 12 $\frac{1}{2}$ " hole, using 2 stage cementing process. We will use sufficient cement in the lower stage to fill annular space between the pipe and hole, plus 100 sacks. We will use sufficient cement in the upper stage to fill the annular space between pipe and the hole, plus 50 sacks. The 2 stage device will be set approximately 100' below the top of the salt. Cement will be drilled out and casing tested to 1500# hydrostatic pressure. If well has not been satisfactorily completed and approved by authorities, a second string of pipe will be run.

We propose to run a string of 2 $\frac{1}{2}$ " Upset End tubing with packer; packer to be set below the big gas and directly above the pay.

Trusting this program meets with your approval.

Very truly yours,


L. E. Fitzjarrald

WKL:RC