

OPERATIONS REPORT
ON
HILL - TAYLOR #1

On Sunday May 27th, the cement plug was drilled out of the 8 inch casing, and outside of a shutdown caused by trouble with the mud pump, drilling has been progressing well.

A small oil show came at 2115 feet from a fine, silty sand; and the top of the Yates formation was found at 2146 feet. While no show of oil came from this zone, its position is 108 feet higher above sealevel than that found in the log of the correlation base. This high position is very gratifying.

Today we are drilling below 2245 feet and have been going through very hard formations which in some cases have taken 7 hours to drill 10 feet.

The next formation of interest should be found about 2350 feet deep.

~~Latest pictures are enclosed.~~

Best regards.

K.R. French
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June 5, 1945

*Drilling below 2260 today - June 6th
I thought you would be interested in this.*

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer. The concentration of chlorophylls was expressed in $\mu\text{g mL}^{-1}$.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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2. Water - 0.55 water pollution
in future this is below very high