

1/5/99

B.F. Harrison B #4

Objective: To recompleting from shut-in Ellenburger to flowing from the Abo/Drinkard.

Unit D, 660 FNL & 800 FWL of Sec. 9, T23S, R37E
5 ½" 17# @ 10402'
Perforations 10220'-10302'
GR 3318'
KB 3336'

Note: Obtain Abo/Drinkard oil sample from offset well, BFHB #17 to **run acid compatibility tests**.

Change out wellhead system to flowing type.

Try to **minimize kill fluids** while maintaining safe working conditions.

Have an organized **pre-rig up meeting** to discuss procedures and objectives.

EA and OP Tech:

Will need to file for and obtain approval for **simultaneous dedication** in the Abo/Drinkard with the BFHB #17 on this 40 acres.

This recompletion will be to the Teague Drinkard-Abo North Associated Oil Pool with a GOR limit of 10,000 cubic feet of gas per barrel of oil. Top allowable is 142 BOPD and 1420 MCFPD based on 40 acre spacing.

If the GOR is above 10,000, then the oil allowable is limited by the following formula:

$$\text{New Oil Allowable} = \frac{\text{Top allowable oil (142)} \times \text{GOR limit (10,000)}}{\text{GOR test}}$$

If GOR above 100,000 cubic feet of gas per barrel of oil, then this will be a gas classification. The gas spacing is 160 acres and will require a simultaneous dedication of the acreage on the BFHB lease or 40 acres of the gas allowable.