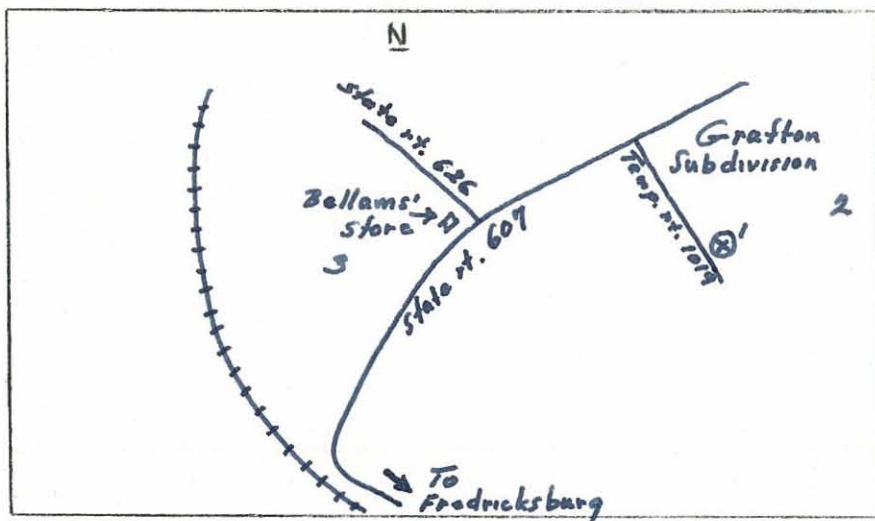


Log # 51 W # \_\_\_\_\_ County Stafford - 42 Date 3/21/61

Owner Grafton Subdivision Use Municipal

Location Approximately 4 miles north of Fredericksburg, and 300 yards south of junction between State Route 607 and temporary route 1019



Well Data

Driller: J. T. Ellington

Completed: 3/21/61

Total Depth: 300 (driller) \*

Static W. L.: 12' (logger) ↓

Casing: none 3/21/61 6" 0-340  
3/28/61

Bedrock: PG not reached

Hole Size: 13"

Yield: ≠ 25 gpm

H<sub>2</sub>O Temp: 55°F

Aquifers: 120, 150, 273

Elev: 190 topo

Geology: Fall Zone sediments

Instrument Data

SP setting 10 Mv Approx. 55'/min.

Res. " 50 Ohm-m " 55'/min.

Gamma " .005 Mr " 40'/min.

T. C. " 3 (SP & R), 16 (gamma)

Fluid: Fresh water and drilling mud

Running Time 1 Hrs. 45 Mins.

Depth of Log: Elec. 299 ' Gamma 298 '

Ground Electrode 3' in water down hole

\* Well deepened to 340' 3/27/61  
tested 11 hrs 3/28/61 @ 150 gpm w/103' D'd  
(Hole washed for 3 hrs & surged w/air before test)  
Brownish-red clay 330-340 - probably Cretaceous  
but driller said it was shale (Triassic?)  
stalled pipe 145-155, 190-200, 265-295 gravel packed

Remarks Drillers reports no similarity between formations penetrated in this hole and well 14' away.

Left curve unit dead for 150' - loose connection or bad tube.

No stratigraphic correlation between wells ②, 1, 2, 3

Logged By DeKay and Collins