

IOWA
STATE DEPARTMENT OF HEALTH
DIVISION OF PUBLIC HEALTH ENGINEERING
DES MOINES

Town Woodbine, Iowa
Report on Municipal Water Supply
By J. R. Shay

Date May 10, 1949

Approved

Director
Division of Public Health Engineering

MEMORANDUM

The writer on the above date conferred with Mr. O.M. Dean, Water Superintendent, and representatives of the Rasmussen Well Drillers from Ida Grove, Iowa.

Drilling has been completed and the well was being pumped at this time in order to clear it up. The depth of the new well is 92 feet, approximately the same depth as the old well. The log of the well is as follows:

0	- 14 feet	Top Soil
15	- 30 feet	Blue Clay
31	- 40 feet	Gravel
41	- 65 feet	Blue Shale
66	- 92 feet	Sand Stone (very fine)

Procedures have, up to this date, followed the pattern set up by Mr. M.O. Nelson's well location survey report and recommendations. The well has been located at the approved site and chlorination of the new supply has been taken into consideration. A representative of the Wallace and Tiernan Company is expected soon to aid in this work. An attempt is to be made to chlorinate both wells with the one chlorine gas machine presently located on the old pumphouse.

The type of well construction expected by this department was discussed with Mr. Dean. The writer is quite confident that construction will follow along the approved methods. The enclosed sketch approximates the construction work that is planned by Mr. Dean.

Respectfully submitted,

JRS:po'c

J. R. Shay
Public Health Engineer