

TOWN: Farrago COUNTY: Farrago

LOCATION: \_\_\_\_\_ Sec. 7 T. 68 N., R. 40 W. Fisher Twp.

OWNER OF WELL: City (Individual; Industry; City)

USE OF WATER: City Supply (); Private-Domestic ( ); Public Drinking ( ); Livestock ( ); Industrial ( ); School Supply ( ); Cooling or Air Conditioning ( ).

CONSTRUCTION OF WELL: Drilled ( ); Gravel-Pack type (); Dug ( ); Driven ( ); Bored ( ); \_\_\_\_\_

CONTRACTOR: Layne Western-Omaha DATE DRILLED: Oct 1945

CASING OR CURBING DATA: (Show by diagram on opposite side of sheet the length and depth of top and bottom of each size of pipe, the amount of overlaps, position of seals or packers, pipe perforation and screens, etc.)

WELL DATA: Curb Elevation 961 Total Depth 65 ft.

Topographic Position of Well: Level area near Farrago business dist.

Static Level (Depth to Water ~~above~~ or below Curb) 18'-6" ft.

Drawdown (Depth below static level) 10'-9" ft., pumping at 120 g.p.m.

in 5 hours 0 minutes. Calculated gallons per foot of drawdown

11.1 g.p.m. Rated capacity of well 100 g.p.m. at \_\_\_\_\_ ft. drawdown.

Temperature of Water at Pump 55 ° F. Air Temperature 70 ° F.

Type of Pump <sup>Deep well</sup> Layne Turbine. Power 7.5 HP Electric.

Depth of Cylinder or Impellor setting 50 ft.

SOURCE OF WATER: River Alluvium (Type and Depth) See over

Glacial Formations (Type) Medium to coarse sand 47 ft. to 65 ft.

Limestone or dolomite (Age) None at \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Sandstone (Age) None at \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

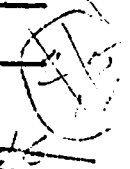
RATING OF PRODUCING FORMATIONS: \_\_\_\_\_

REMARKS: Located 12' west of old well. Same curb elevation

Sample taken for: Mineral Analysis (); Sanitary Analysis ( ).

Data Collected by P. J. Schindler; Date April 17 1945.

Report Analysis to A. C. Tester, Iowa Geological Survey, Iowa City.



Black soil

0 1/4  
3 1/2

Light brown clay

Fine sandy clay

30 2"  
31 2 1/8"

Fine sand

36 2 1/2"

Medium to coarse sand, some gravel

45

Blue clay

46 3 1/8"  
47 3 3/8"

20 #16" bronze shatter screen

Medium to coarse sand, gravel & some boulders

65

65

Log of well - [unclear]

0 to 3 Black soil

3 to 30 Light brown clay

30 to 31 Fine red clay

31 to 36 Fine sand

36 to 46 medium to coarse sand, some gravel

46 to 47 Blue clay

47 to 15 medium to coarse sand, gravel  
and a few small boulders