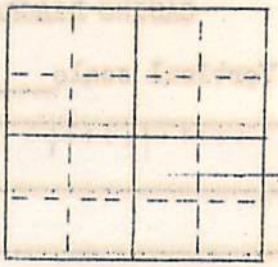
7½ Iowa City North Quad
080-07W-25 DBD
1980 field located by D. Karsten

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W-107

RECORD OF WELL



Location:

Town: Oakdale (N E / S W): County ~~Iowa~~ Johnson.

SE NW SE sec. 25 T 80 N., R. 7 W. ~~Twp.~~

Well name and number State Sanitorium Well #X-(2)

Owner _____ Address _____

Tenant _____ Address _____

Contractor Thorpe Address _____

Drillers _____

Drilling dates 1919

Well data:

Elevations: Drilling curb 808 feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 1137 feet, Measured 1150 feet

Drilling method _____

Hole and casing data 154' of 12" (11?-165?); 785' of 6" (0-785)

Original depth to water _____ ft. above/below _____ Date _____

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal _____; Others _____

Production data: Date _____

Static depth to water 127 Measuring point _____

Pumping level _____ at 50 g.p.m.

Specific capacity _____ g.p.m. per ft. drawdown; Temperature _____ °F.

Pump data; Type pump _____ Column Dia. _____ Length _____

Cylinder or bowls: Dia. _____ Length _____ Suction pipe _____

Power _____ Airline _____

Estimated rate of production: _____ g.p.m. for _____ hrs. a day

Use of water _____

WATER ANALYSES (in parts per million)

| | | | | |
|---|---|---|---|---|
| Date samples | | | | |
| Sampled by | | | | |
| Total solids | | | | |
| Insoluble matter | | | | |
| Alkalinity (Meo) | | | | |
| Alkalinity (Phn) | | | | |
| pH | | | | |
| $Fe_2O_3$+ $Mn_2O_3$+$Al_2O_3$ | | | | |
| Alkali as sodium | | | | |
| Calcium | | | | |
| Magnesium | | | | |
| Iron (unfiltered) | | | | |
| Manganese | | | | |
| Nitrate | | | | |
| Fluoride | | | | |
| Chloride | | | | |
| Sulfate | | | | |
| Bicarbonate | | | | |
| Hardness (ppm) | | | | |
| Hardness (gpg) | | | | |

Remarks _____

Laboratory data: Sample storage location _____

Sample range 75-1130 No. spls. 60 No. dupls. & cond. 59 cond.

Spls. prepared by _____ Washed range _____ by _____

Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____

Microscopic study 75-185 Talley strip log 4-14-50

Gen. log 75-1130 Correl. by R. Iverson