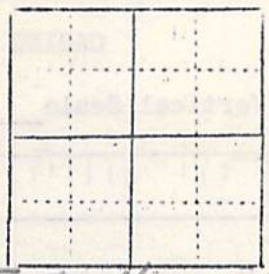


IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

RECORD OF WELL



Location:

Town: Eddyville (N E)
(S W) : County _____

sec. _____ T _____ N., R. _____ W. _____ Twp. _____

Well name and number Iowa Southern Utilities Co. Test No. 24

Owner Do Address _____

Tenant _____ Address _____

Contractor Layne-Western Co. Address _____

Drillers Leonard Peterson

Drilling dates July 1951

Well data:
Elevations: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position _____

Total depth: Reported 38 1/2 feet, Measured _____ feet

Drilling method _____

Hole and casing data 1 1/2 pipe

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

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

Sources of water: Principal _____ ; Others _____

Production data: _____ Date _____

Static depth to water _____ Measuring point _____

Pumping level _____ at _____ 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 _____

Fe₂O₃+Mn₂O₃+Al₂O₃ _____

Alkali as sodium _____

Calcium _____

Magnesium _____

Iron (unfiltered) _____

Manganese _____

Nitrate _____

Fluoride _____

Chloride _____

Sulfate _____

Bicarbonate _____

Hardness (ppm) _____

Hardness (gpg) _____

Remarks _____

Laboratory data: _____ Sample storage location CK2-10

Sample range 0-38 1/2 No. spls. 4 No. dupls. & Cond. 8-6

Spls. prepared by Kalben Washed range 20-38 1/2 by MARTIN

Driller's log and cond. _____

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

Microscopic study _____ strip log _____

Gen. log _____ Correl. by 2/26/10/52