V-3108

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

RECORD OF WELL

Location: .3 mile N. RR Sta.

Town: Luana (N E / S W): County Clayton

SW¼SE¼SE¼ sec. 5 T 95 N., R. 5 W. Monona Twp.

Well name and number Luana City Well (1941)

Owner _____ Address _____

Tenant _____ Address _____

Contractor I R Hughes Address Frankville, Iowa

Drillers _____

Drilling dates 1941

Well data:

Elevations: Drilling curb _____ feet; Land surface 1137 feet

Hand Level Survey from CM&StP. R.R. at Luana using elevation of 1128 for top rail. Land surface at well is 9' above top rail at Sta

Determined by W. E. Hale

Topographic position Upland

Total depth: Reported 339 feet, Measured _____ feet

Drilling method Cable Tool

Hole and casing date 63' of 6¼ I.D. Casing from 0 to 63' open 6-inch hole to base

Original depth to water 165 ft. above below Land surface Date 1941

Original elevation of water level 972 ft.; Source of data driller from notes in possession of town clerk.

Sources of water: Principal _____; Others _____

Production data: Date _____

Static depth to water 165.08 Measuring point _____
Pumping level Little Drawdown at 50 g.p.m.

_____ _____
_____ _____
_____ _____

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

Pump data; Type pump Turbine Column Dia. _____ Length 240 to top Bowls
Cylinder or bowls: Dia. _____ Length _____ Suction pipe _____
Power _____ Airline _____
Estimated rate of production: _____ g.p.m. for _____ hrs. a day
Use of water _____

WATER ALALYSES (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				
Chlordie				
Sulfate				
Bicarbonate				
Hardness (ppm)				
Hardness (gpg)				

Remarks _____

Laboratory data: Sample storage location _____

Sample range 0-330 No. spls. 65 No. dupls. & cond. 59 Poor - Fair
Spls. prepared by RKS & PTH Washed range 55-330 by RKS & PTH
Driller's log and cond. None
Insoluble residues: Prepared by _____ Studied by _____ Strip log _____
Microscopic study 0-330 strip log Jan. 5, 1948
Gen. log _____ Correl. by R. Wehrer