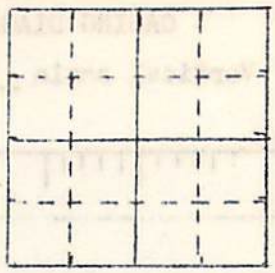
IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W1287

RECORD OF WELL



Location:

Town: Dunkerton (N E) (S W); County Blackhawk

NW, SW, NW sec. 33 T. 90 N., R. 11 W. Lester Twp.

Well name and number City Well

Owner _____ Address _____

Tenant _____ Address _____

Contractor C. D. Dolan Address Cedar Rapids

Drillers _____

Drilling dates 1940

Well data:

Elevations: Drilling curb 931' feet; Land surface _____ feet

Determined by D. A. B. Altimeter

Topographic position _____

Total depth: Reported 271' feet, Measured _____ feet

Drilling method _____

Hole and casing data 152' of 8" steel Pipe, 140' of Column Pipe, 8" Hole To bottom
(Give amount, size, kind, and depth of all casing; type and position of seals and packers; cementing; how finished--perforated pipe, screen, gravel pack, open hole, etc.)

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 120 Measuring point _____

Pumping level 130 at 110 g.p.m.

_____ _____

_____ _____

_____ _____ → @ 110 gpm

Specific capacity 11 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 sampled				
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 0-272' No. spls. 54 No. dupls. & cond. 54 Fair

Spls. prepared by Summerford Washed range _____ by _____

Driller's log and cond. _____

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

Microscopic study _____ strip log _____

Gen. log _____ Correl. by SEH