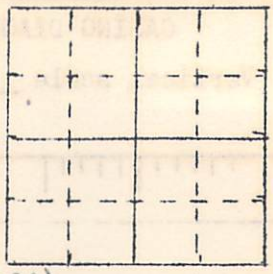
38235

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

RECORD OF WELL



Location:

Town: Coon Rapids (N E S W); County Carroll

sec. ___ T. 82 N., R. 33 W. Union Twp.

Well name and number Coon Rapids #3 (new south well)

Owner town of Coon Rapids Address _____

Tenant _____ Address _____

Contractor Thope Bro Well Co. Address Des Moines

Drillers V. N. Ogden

Drilling dates Sept 20 to Oct 18, 1943

Well data:

Elevations: Drilling curb _____ feet; Land surface _____ feet

Determined by _____

Topographic position on hill side

Total depth: Reported 120 feet, Measured _____ feet

(will be increased to 120')

Drilling method cable tool

Hole and casing data 66½ of 20" steel casing 0-66½'

(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 30 ft. above/below _____ Date _____

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

Boyles reports SWL 18'

Sources of water: Principal sandstone; Others _____

Production data: Date _____

Static depth to water 18 Measuring point _____

Pumping level 67 at 300 g.p.m. Boyles

_____ _____

108 630 Thorpe

_____ _____

Specific capacity _____ g.p.m. per ft. drawdown; Temperature 54 °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 _____ No. spls. _____ No. dupls. & cond. _____

Spls. prepared by _____ Washed range _____ by _____

Driller's log and cond. yes

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

Microscopic study _____ strip log _____

Gen. log _____ Correl. by _____