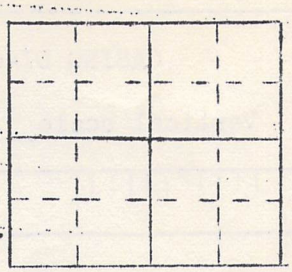
W-4864

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

RECORD OF WELL



Location:

Town: CORWITH 1950 (N E) (S W): County HANCOCK

sec. 5 T. 94 N., R. 26 E W. Twp.

Well name and number

Owner TOWN OF CORWITH Address

Tenant Address

Contractor THORPE WELL CO. Address

Drillers O. L. ATCHESON

Drilling dates SEPT 15-25, 1950

Well data:

Elevations: Drilling curb feet: Land surface feet

Determined by

Topographic position

Total depth: Reported 129½ feet, Measured feet

Drilling method

Hole and casing data STARTED 12" FINISHED 8"
92' OF 8" CASING SET AT 91'

Original depth to water 33' 4" 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 33' 4" Measuring point _____
Pumping level 62' 10" at 200 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 or productions: _____ g.p.m. for _____ hrs. a day
Use of water _____

WATER ANALYSES (in parts per million)

Date samples				
Samples 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 CI 10-1

Sample range 0-129½ No. spls. 18 No. dupls. & cond. 18 Good
Spls. prepared by AF Washed range 90-129½ by AF 4/23/51

Driller's log and cond. _____

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

Microscopic study _____ strip log 7/31/51

Gen. log _____ Correl. by NORTHUP