V-3383

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

RECORD OF WELL

Location:

Town: Dallas Center (N E / S W): County Dallas

SE SE SW sec. 31 T 80 N., R. 27 W. Grove Twp.

Well name and number Test Well No. 18 for Town Well No.

Owner Town of Dallas Center Address Dallas Center

Tenant Address

Contractor McCutcheon Well Co. Address Des Moines

Drillers F. S. McCutcheon

Drilling dates August 1948

Well data:

Elevations: Drilling curb feet; Land surface feet

Engr. Level Meas. from L.S. at test well No. 16 for Town well - L.S. at 16 919' ± estd. Cty Surveyed from X-Rds (1023')

Determined by

Topographic position Flood Plain of Raccoon River

Total depth: Reported 40± feet, Measured feet

Drilling method Cable Tool

Hole and casing date 39'-10" of 6" I.D. Standard Pipe from 9'-10" above Surface to 30 feet below Surface → 5' of 80 slot Johnson Everlast Screen from 30'-35' - lapped 1" into pipe with lead packer at top of screen

Original depth to water 17'-3" ft. ~~above~~ below Land-Surface Date 8-11-48

Original elevation of water level ft.; Source of data

Sources of water: Principal Sand & Gravel ; 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 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 CDG-8

Sample range 20 - 36 No. spls. 4 No. dupls. & cond. 4 Fair

Spls. prepared by RFS Washed range None by _____

Driller's log and cond. Yes Fair

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

Microscopic study _____ strip log RMF

Gen. log _____ Correl. by _____