W - 4928

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

RECORD OF WELL

Location:

Town: Elkader (NE / SE / SW / NW): County Clayton

NE SE SW NW (see note)

NW SE NW sec. 26 T. 93 N., R. 5 W. Boardman Twp.

Well name and number Carnation Milk Plant

Owner Do Address

Tenant Address

Contractor F. Schultz Address Farmersburg

Drillers "

Drilling dates June 1951

Well data:

Elevations: Drilling curb feet: Land surface 757 feet

Note: Topo (7.5') seems to indicate NE SE SW NW for location to agree with elevation.

Determined by

Topographic position

Total depth: Reported 225 feet, Measured feet

Drilling method Cable

Hole and casing data ABANDONED

Original depth to water 36? 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 36' ? 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 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 CJ3-8

Sample range 0-225 No. spls. 45 No. dupls. & cond. 45 F-G

Spls. prepared by CFR Washed range 90-225 by WMM

Driller's log and cond.

Insoluble residues: Prepared by Studied by Strip log

Microscopic study strip log 8/13/51

Gen. log Correl. by NORTHUP