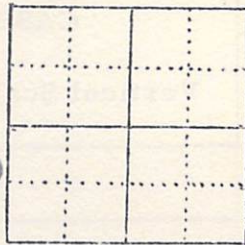


IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

W 9030



Location:

Town: OTTUMWA (NE) (SW) : County WAPELLO
NW NE sec. 33 T. 73 N., R. 13 W. Twp.

Well name and number _____

Owner CITY OF OTTUMWA GYPSUM TEST Address _____

Tenant _____ Address _____

Contractor "RED" BALMER - CONTRACTOR
SOLEY TO C.L. JENNINGS Address _____

Drillers TRAVIS PARKER

Drilling dates OCT. 16, 1957 - JAN. 16, 1958

Well data:

Altitudes: Drilling curb _____ feet; Land surface 790 feet

Determined by _____

Topographic position 790±

Total depth: Reported 895' - SAMPLES / 1119' - CORE feet, Measured _____ feet

Rotary to 895; core to bottom - 1119'

Drilling method ROTARY AND CORE

Hole and casing data 5 3/16" CASING SET @ 42'

3 7/8" HOLE BELOW 42'

4 1/2" CASING 0 - 200'

Original depth to water _____ above
ft. below _____ Date _____

Source of data _____

Sources of water: Principal _____

Others _____

Note - Core # 163 From 896' to 1119'

Production Data

Date _____
 Static water level _____
 Measuring point _____
 Pumping water level _____
 Yield (g. p. m.) _____
 Duration of pumping _____
 Specific capacity _____

Pump Data

Type pump _____ Column diameter and length _____
 Cylinder or bowls diameter and length _____
 Suction pipe _____ Airline _____
 Power _____ Production _____ g. p. m. for _____ hours per day
 Use of water _____

Dissolved constituents and properties (in parts per million except as indicated)

Date sampled _____
 Sampled by _____
 Silica (SiO₂) _____
 Iron (Fe) _____
 Manganese (Mn) _____
 Calcium (Ca) _____
 Magnesium (Mg) _____
 Potassium (K) _____
 Sodium (Na) _____
 Carbonate (CO₃) _____
 Bicarbonate (HCO₃) _____
 Sulfate (SO₄) _____
 Chloride (Cl) _____
 Fluoride (F) _____
 Nitrate (NO₃) _____
 Dissolved solids _____
 Hardness (as CaCO₃) _____
 Total _____
 Grains per gallon _____
 Noncarbonate _____
 Alkalinity (as CaCO₃) _____
 pH _____
 Specific conductance _____
 (micromhos at 25°C) _____
 Temperature (°F) _____
 Analysis No. _____

Laboratory Data

Well No. W 9030 Cores from 895 to T.D. NAS-18, 19
 Sample range 0 - 895 No. of samples 173
 No. of dupls. and cond. 172 Washed range 35-895
 Samples prepared by Huxel, Darland, Dow, Valentine Date 12/30/57
 Logged by Montford 0-895' Date _____
 Correlations by _____ Date _____