

#14860

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

Location:

Town: MAURICE (NE) County SIOUX  
(SW) (E)  
S E S W N E sec. 17 T. 94 N., R. 45 (W) Twp.


Well name and number #3

Owner TOWN OF MAURICE Address MAURICE, IOWA

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor M.F. MERKLEY Address SCHALLER IOWA

Drillers BOB WINKLER

Drilling dates 8/1/62 - 8/15/62

Well data:

Altitudes: Drilling curb \_\_\_\_\_ feet; Land surface \_\_\_\_\_ feet 1308

Determined by \_\_\_\_\_

Topographic position UPLAND

Total depth: Reported 252 feet; Measured 250 feet

Drilling method ROTARY

Hole and casing data 237' OF 8" # 25 PIPE

Original depth to water 214 ft. above \_\_\_\_\_ below \_\_\_\_\_ Date \_\_\_\_\_

Source of data DRILLERS LOG

Sources of water: Principal 214-231

Others \_\_\_\_\_

PRODUCTION DATA

Date \_\_\_\_\_

Static water level 119

Pumping water level 210

Yield (g.p.m.) 80

Measuring point \_\_\_\_\_

Duration of pumping \_\_\_\_\_

Specific capacity \_\_\_\_\_

LABORATORY DATA

TLA-938

Well No. **#14860** sample range 2-250 No of samples 48

No. of dupls. and cond. \_\_\_\_\_ Washed range 165-250

Samples prepared by LOUETT Date 7/29/63

Logged by Robinson Date Aug 14, 1963

Correlations by Robinson & Koch Date Aug 14, 1963

UNITED STATES DEPARTMENT OF THE INTERIOR

Geological Survey  
Water Resources Division

Local Well No. 094-45W-17 AACD

Aquifer Code(s) KX

Owner's Name MAURICE, IOWA #3 (1962)

W Number 14860

Water Quality  
(ppm)

Card Q

State: IOWA 1 2 1 9 County: SIOUX 3 4 8 4 Town: MAURICE, IA.

Well No. Latitude 4 2 5 7 4 9 N Longitude 0 9 6 1 0 4 2 Seq. No. 1 Date M D Y 1 0 2 6 6 6

Sampling Depth Type 2 5 2 Kx10<sup>6</sup> 1 pH 9 0 0 Temp. °F 7 4 5 2

SiO<sub>2</sub> Ca 4 4 Mg 1 2 0 Na 3 0 K 2 1 Source No. 6 4

HCO<sub>3</sub> CO<sub>3</sub> 4 0 7 SO<sub>4</sub> 0 Cl 1 5 0 Source No. 3 Q

Card R

Duplicate Columns 1-25 from Card Q

F NO<sub>3</sub> 4 PO<sub>4</sub> 4 8 B 1 6 Al 1 6 Fe 1 6

Mn Cu 0 5 Pb 5 0 Zn 5 0

Determined Solids 5 5 7 Calc. 4 2 5 Ca, Mg 4 2 5 Hardness Non-Carb. 9 1

Color No. R

Card S

Duplicate Columns 1-25 from Card Q

Br I 3 3 4 Alk. as CaCO<sub>3</sub> 3 3 4 Free CO<sub>2</sub> 3 3 4 SAR 3 3 4

RSC ABS 3 3 4 U 3 3 4

Alpha (pc/l) Beta (pc/l) 3 3 4 Ra (pc/l) 3 3 4 U (ug/l) 3 3 4

No. S  
80

Recorded by: D. ARONSON

Punched by: T Date: \_\_\_\_\_

Published: \_\_\_\_\_



WELL RECORD

Well is located.....miles S and.....miles S from  
N E  
E E  
W W

MAURICE in SIOUX  
(Nearest Town) (County)

in the ..... 1/4 ..... 1/4 Sec. .... T. .... R. ....

Owner TOWN OF MAURICE Well No. 3

Postoffice address MAURICE, IA

Contractor M.F. MERKLEY

Address SCHALLER IA

Driller Bob WINKLER

Well begun 8-1-1962

completed 8-15-1962

Rig used—Cable, Rotary, Jet, or

Depth of well 252' TO TOP OF PIPE  
(Feet)

Size of hole (note total amount of each size) 252'  
OF 8" PIPE + SCREEN

Main water supply at 214' TO 231'  
(Feet below surface)

Final water head 119'  
(Feet above or below surface)

Is well pumped? YES

Yield 80  
(Gallons per minute)

Water level when pumping 210'

Position of well 7' EAST OF #2.  
(Upland, valley, side hill, etc.)



Sample No.	DEPTH		THICKNESS
	From	To	
	0	2	2
	2	10	
		12	2
	12	20	8
	20	35	15
	35	37	2
		40	33
		45	5
		47	15
		118	20
	10	115	5
	115	135	20
	135	143	8
	142	145	2
	145	157	12
		167	10
	167	177	10

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
TOP SOIL
YELLOW CLAY
SAND
YELLOW CLAY
SAND & GRAVEL
YELLOW CLAY
CLAY
YELLOW CLAY
BLU
YELLOW
BLUE CLAY
YELLOW CLAY
BLUF CLAY
SAND
GRAY CLAY
MUC
SAND



