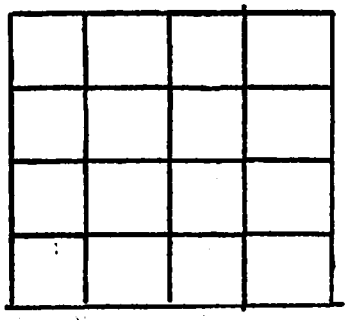
#16848

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



Location:

Town: HUDSON (NE) (SW) County BLACKHAWK

Sec. 26, T. 88, N., R. 14 ~~(E)~~ (W) Twp.

Well name and number #16848

Owner HUDSON City Water Wks-(1964) Address HUDSON, IOWA
Production Test

Tenant (SAME AS #1, MEA TEST HOLE) Address

Contractor THORPE WELL CO. Address DES MOINES, IOWA

Drillers BOB WALL

Drilling dates MARCH 18, 1964

Well data:
Altitudes: Drilling. curb ___ feet; Land surface ___ feet 960'+

Determined by

Topographic position

Total depth: Reported 62' feet; Measured 62' feet

Drilling method

Hole and casing data 52'

Original depth to water ___ ft. above below Date

Source of data

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date

Static water level 15'

Pumping water level 40'

Yield (g.p.m.) 70

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA

PLS-843

Well No. # 16848 Sample range 0'-62' No. of samples 12

No. of dupls. and cond. — Washed range _____

Samples prepared by TURNISH Date 9/8/64

Logged by NORTHUP Date 12/8/65

Correlations by " Date 12/8/65

THORPE WELL COMPANY

2340 SIXTH AVENUE
DES MOINES, IOWA

R-1-8

Drilled for City Water Works at Hudson, Iowa

Well is located 0 miles N-E-S-W and of town miles N-E-S-W from

in the ¼ ¼ Section Township Range

Drilling started March 18 1964 Completed March 18 19 64

Well No. Kind of Well gravel pack Depth 62 Size hole started 5 5/8 in

Finish 15 G. P. M. 70 Static Head Pumping level from surface 40'

Water was first encountered at in Approx. Amt. Temp.

Remarks 360' N.E. of North Well; 10 East of telegraph line on #1 - 64 test hole

(GIVE DETAILS OF PERFORATED PIPE AND SEALS)

RECORD OF PERMANENT PIPE					TEMPORARY PIPE	
SIZE PIPE	AMOUNT OF PIPE	DEPTH TO BOTTOM OF PIPE	DEPTH TO TOP OF PIPE	MAKE OF PIPE	SIZE PIPE	AMOUNT
	Production test well				6"	52'
				screen	6"	10'
	No iron in water					
	18 grains hard					

Driller Bob Wall From Surface to feet

Driller From feet to feet

Driller From feet to feet

AMOUNT IN FEET	KIND OF SOIL OR FORMATION (BE SPECIFIC)	TOTAL DEPTH FEET
2	Black top soil	2
3	Brown clay	5
20	Fine to med sand iron	25
5	Coarse sand & gravel & boulders	30
6	Fine cemented sand	41
12	Gray clay	53
6	Fine sand	59
3	Coarse sand & gravel	62