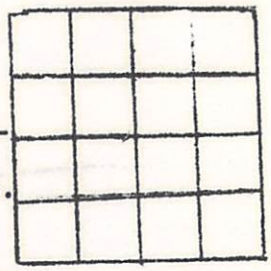
# 14998

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

Location: 50' S. OF OLD WELL



Town: GRAND MOUND (NE) (SW) County CLINTON (E)

NE¼ SW¼ SE¼ NE¼ sec. 18 T. 81 N., R. 3 (E) Twp.

Well name and number

Owner GRAND MOUND TOWN WELL Address GRAND MOUND, IOWA

Tenant (1963) Address

Contractor THORPE WELL CO. Address DES MOINES, IOWA

Drillers

Drilling dates JAN. 9-19, 1963

Well data:

Altitudes: Drilling curb feet; Land surface feet 722

Determined by

Topographic position

Total depth: Reported 251' feet; Measured feet

Drilling method CABLE TOOLS

Hole and casing data 17' OF 16" CSG. 0-17'

87' OF 10" CSG. 0-87' - CEMENTED WITH 50 SACKS

Original depth to water, ft. above below Date

Source of data

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date _____

Static water level 39'

Pumping water level 70'

Yield (g.p.m.) 150

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA TL4-995.

Well No # 14998 Sample range 0-250 No of samples 47

No. of dupls. and cond. 34-Good Washed range 75-250

Samples prepared by Hunter Date 8/15/63

Logged by Northup Date 1/13/64

Correlations by _____ Date 1/13/64

# THORPE WELL COMPANY

2340 SIXTH AVENUE
DES MOINES, IOWA

Drilled for City Water Works at Grand Mound, Iowa

Well is located 50' South of Old Well miles N-E-S-W and ____ miles N-E-S-W from ____

in the ____ ¼ ____ ¼ Section ____ Township ____ Range ____

Drilling started January 9 1963 Completed January 19 1963

Well No. 2 Kind of Well ____ Depth 251 Size hole started 16 in.

Finish 10" G. P. M. 150 Static Head 39 Pumping level from surface 70' at 150 gal.

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

Remarks 10" pipe cemented from top to bottom 50 bags

(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 |
| 16" | 17' | 17' | | | | |
| 10" | 87' | 87' | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Driller Richard Ogden From Surface to 87 feet

Driller Richard White From 87 feet to 251 feet

Driller ____ From ____ feet to ____ feet

| AMOUNT IN FEET | KIND OF SOIL OR FORMATION (BE SPECIFIC) | TOTAL DEPTH FEET |
|---|---|---|
| 2 | Dirt | 2 |
| 2 | Sand | 4 |
| 8 | Yellow clay & sand | 12 |
| 10 | Gray clay & sand | 22 |
| 4 | Sand & gravel | 26 |
| 4 | Yellow clay | 30 |
| 45 | Gray clay (sandy) | 75 |
| 4 | Broken lime | 79 |
| 21 | Brown lime | 100 |
| 9 | Lime & shale | 109 |
| 124 | Brown lime | 233 |
| 18 | White lime | 251 |