

# Observation

JUN 16 1975

FORM 9-1642  
(1-68)

Well No. M2

## WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

### MASTER CARD

Record by J.A. Callahan Source of data Obs. well book 4-1873 Date 4-1873 Map \_\_\_\_\_

State \_\_\_\_\_ County 28 (or town) Greene 21

Latitude: 31 35 30 N Longitude: 08 83 10 5 Sequential number: 1

Lat-long accuracy: 20 T 30 S, R 5 Sec 7, NE 1/4, NE 1/4, NW 1/4

Local well number: M002AB07 Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: H.F. Garveston Jr.

Owner or name: H F GARVESTON Address: \_\_\_\_\_

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Reppure, Recharge, Desal-P S, Desal-other, Other S

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed, (H) H

DATA AVAILABLE: Well data  Freq. W/L meas.: yearly A Field aquifer char.

Hyd. lab. data:

Qual. water data; type: \_\_\_\_\_

Freq. sampling:  Pumpage inventory:  no, period: \_\_\_\_\_ yes

Aperture cards: \_\_\_\_\_ yes

Log data: Observation well

### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 703 Meas. rept accuracy 6

Depth cased: \_\_\_\_\_ Casing type: \_\_\_\_\_ Diam. in 4

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, end, open perf., screen, sd. pt., shored, open hole, other 31

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other 32

Date Drilled: \_\_\_\_\_ Pump intake setting: \_\_\_\_\_ ft 38

Driller: \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) turb., (H) none, (I) piston, (J) rot., (K) submerg, (L) turb., (M) other 39 Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 39 Trans. or meter no. 40

Descrip. MP Top of discharge pipe 2 ft above below LSD, Alt. MP 47

Alt. LSD: 107 Accuracy: 5 47

Water Level 17.5 ft above below MP; Ft above below LSD +20 Accuracy: 17

Date meas: 4-26-72 472 Yield: \_\_\_\_\_ gpm 61 Method determined 61

Drawdown: \_\_\_\_\_ ft 62 Accuracy: \_\_\_\_\_ 63 Pumping period \_\_\_\_\_ hrs 64

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm 69 Sulfate \_\_\_\_\_ ppm 70 Chloride \_\_\_\_\_ ppm 71 Hard. \_\_\_\_\_ ppm 72

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> 73 Temp. \_\_\_\_\_ °F 74 Date sampled \_\_\_\_\_ 77

Taste, color, etc. \_\_\_\_\_ 79

Well No.

M2

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD**      Physiographic Province: 03      Section:                     

Drainage Basin: D      Subbasin:                     

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat                          

MAJOR AQUIFER: system                      series T      aquifer, formation, group CA

Lithology:                           Origin:                           Aquifer Thickness:                      ft

Length of well open to:                      ft      Depth to top of:                      ft

MINOR AQUIFER: system                      series                           aquifer, formation, group                     

Lithology:                           Origin:                           Aquifer Thickness:                      ft

Length of well open to:                      ft      Depth to top of:                      ft

Intervals Screened:                     

Depth to consolidated rock:                      ft      Source of data:                     

Depth to basement:                      ft      Source of data:                     

Surficial material:                           Infiltration characteristics:                     

Coefficient Trans:                      gpd/ft      Coefficient Storage:                     

Coefficient Perm:                      gpd/ft<sup>2</sup>; Spec cap:                           gpm/ft; Number of geologic cards:                     

