

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

H. E. Gunnison

MASTER CARD

Record by BAN Source of data POWC Date 2/17/57 Map \_\_\_\_\_

State Illinois County Polk

Latitude: 33° 56' 05" N Longitude: 090° 53' 10" W Sequential number: 1

Lat-long accuracy: 5' T 24" S, R 7" Sec 14, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Local well number: 1284 AA1 424 MO7W Other number: \_\_\_\_\_

Local use: 664 Owner or name: MERCHANTS PLANT Address: GUNNISON

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

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

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

DATA AVAILABLE: Well date  Freq. W/L meas.:  Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

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

Aperture cards:  yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 102 Meas. rept 3

Depth cased; (first perf.) \_\_\_\_\_ ft 72 Casing type: \_\_\_\_\_; Diam. 10 in 10

Finish: porous concrete, (perf.) gravel w. screen, (H) horiz. gallery, end, (S) perf., (T) screen, sd. pt., (W) shored, (X) open hole, other 5

Method: (A) air, (B) bored, (C) cable, (D) dug, (H) hyd, (J) jetted, (P) air, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other 4

Date Drilled: 2-9-57 967 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Jasper Laune name \_\_\_\_\_ address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other  Deep  Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 20 6 Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_

Water Level 192' ft above below MP; Ft above below LSD 19 Accuracy: \_\_\_\_\_

Date meas: 2-9-57 267 Yield: \_\_\_\_\_ gpm Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

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

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

Well No.

Well No. C-97

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: 03 Section: 20 21

Drainage Basin: F Subbasin: 154

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (F) (H) (K) (L) (Ø) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: system Q.G series 28 29 aquifer, formation, group M.A 30 31

Lithology: 32 33 Origin: 34 Aquifer Thickness: 35 ft

Length of well open to: 36 37 ft 38 39 Depth to top of: 40 41 ft 42 43

MINOR AQUIFER: system 44 45 series 46 47 aquifer, formation, group 48 49

Lithology: 50 51 Origin: 52 53 Aquifer Thickness: 54 55 ft

Length of well open to: 56 57 ft 58 59 Depth to top of: 60 61 ft 62 63

Intervals Screened: 10" x 30'

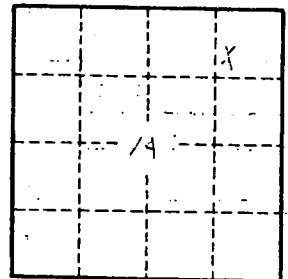
Depth to consolidated rock: 64 65 ft 66 67 Source of data: 68 69

Depth to basement: 70 71 ft 72 73 Source of data: 74 75

Surficial material: 76 77 Infiltration characteristics: 78 79

Coefficient Trans: 80 81 gpd/ft 82 83 Coefficient Storage: 84 85

Coefficient Perm: 86 87 gpd/ft<sup>2</sup>; Spec cap: 88 89 gpm/ft; Number of geologic cards: 90 91



section 14

Well No.