

PUBLIC
MAR 27 1973

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B.D. Source of data Bowl Date 6-71 Map _____

State 28 County Alamogordo (or town) 23

Latitude: 30 24 24 N Longitude: 08 9 20 49 Sequential number: 1

Lat-long accuracy: 5 T 8 S R 14 E Sec 42 _____ k, _____ k, _____ k

Local well number: K023 4208514W Other number: _____ B & M

Local use: 024 _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Owner or name: PAUL DONZE Address: Bay St. Paul's

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, Repressure, Recharge, Desal-P S, Desal-other, Other _____ H

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

DATA AVAILABLE: Well data 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: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft 134 Meas. rept accuracy _____ 3

Depth cased; (first perf.) _____ ft 189 Casing type: _____; Diam. _____ in _____ 2

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

Method: (A) air bored, (B) cable, (C) dug, (D) rot., (H) percussive, (J) air rot., (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other _____ 4

Date Drilled: 960 Pump intake setting: _____ ft _____ 30

Driller: Smith _____ address _____

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

Power (type): nat diesel, elec, gas, gasoline, hand, gas, wind; LP _____ Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____ 47

Water Level _____ ft above below MP; _____ ft above below LSD _____ Accuracy: _____ D

Date meas: 860 Yield: _____ gpm _____ Method determined _____ 41

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____ 68

QUALITY OF WATER DATA: Iron _____ ppm _____ Sulfate _____ ppm _____ Chloride _____ ppm _____ Hard. _____ ppm _____

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____ 77 79

Taste, color, etc. _____

Well No.

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HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____
20 21
D Drainage Basin: 135 Subbasin: _____
22 23 25 26

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

MAJOR AQUIFER: _____ TM MZ
 system series aquifer, formation, group
28 29 30 31

Lithology: _____ Origin: _____ Aquifer Thickness: 42 ft
32 33 34

Length of well open to: _____ ft 5 **Depth to top of:** _____ ft 152
35 37 38 40 41 43

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
48 49 50

Length of well open to: _____ ft Depth to top of: _____ ft _____
51 53 54 56 57 59

Intervals Screened: 2"

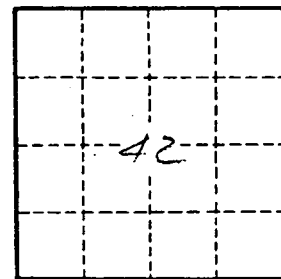
Depth to consolidated rock: _____ ft Source of data: _____ 64
60 63

Depth to basement: _____ ft Source of data: _____ 69
65 68

Surficial material: _____ Infiltration characteristics: _____ 72
70 71

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____ 76 78
73 75

Coefficient Perm: _____ ² gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Well No. 42