FORM 9-1642
(1-68)

Well No. G21

WELL SCHEDULE

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

PUNCHED

DEC 3 1 1973

MASTER CARD

Record by L. W. Stephenson Source of data WSP 576 # 21, Date 8-29-1919 Map

State 28 County (or town) Panola 54

Latitude: 34 deg 26 min 13 sec N 1 Longitude: 089 degrees 55 min 03 sec 11 Sequential number: 4 19

Lat-long accuracy: 5 20 T ___ N, S, R ___ E, W, Sec ___, ¼, ¼, ¼ ___ B & M

Local well number: G021 25 34 07 30 S 07 W 34 Other number: ___

Local use: 35 40 45 51 Owner or name: Town of Sardis

Owner or name: SARDIS 52 56 61 66 Address: ___

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ___ 67 M

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other ___ 68 U

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Φ) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. 69 Z

DATA AVAILABLE: Well data 70 Freq. W/L meas: ___ Φ 71 Field aquifer char. 72

Hyd. lab. data: ___ 73

Qual. water data; type: USGS 8/19; #858 74 P

Freq. sampling: ___ Φ 75 Pumpage inventory: yes / no, period: ___ 76

Aperture cards: ___ yes 77

Log data: ___ 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD 1 19 Depth well: ___ ft 215 20 23 Meas. rept ___ accuracy 24 6

Depth cased: (first perf.) ___ ft 195 25 28 Casing type: ___; Diam. ___ in 6 29 30

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, sd. pt., (S) shored, (T) open hole, (W) other ___ 31 S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other ___ 32 H

Date Drilled: ___ 902 33 35 Pump intake setting: ___ ft 36 38

Driller: name ___, address ___

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other N 39 Deep ___ Shallow ___ 40

Power (type): diesel, elec, gas, gasoline, hand, nat gas, LP gas, wind; H.P. ___ 41 Trans. or meter no. ___

Descrip. MP ___ ft above/below LSD, Alt. MP ___

Alt. LSD: ___ 384 42 45 Accuracy: (source) ___ 47 5

Water Level ___ ft above/below MP; Ft above/below LSD 130 48 51 Accuracy: ___ 52 A

Date meas: 8-29-1919 53 819 55 Yield: ___ gpm 56 60 Method determined 61

Drawdown: ___ ft 62 64 Accuracy: ___ 65 Pumping period ___ hrs 66 68

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

Sp. Conduct ___ K x 10^6 73 Temp. ___ °F 74 76 Date sampled 8-1919 77 79 819

Taste, color, etc. ___

Well No. G21

Well No. _____

Latitude-longitude _____ N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1-19)

Physiographic Province: _____ 03 (20-21) Section: _____

E (22) Drainage Basin: _____ 15F (23-25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series TE (28-29) _____ aquifer, formation, group SS (30-31)

Lithology: _____ R (32-33) Origin: _____ 2 (34) Aquifer Thickness: _____ ft

20 (35-37) Length of well open to: _____ ft 20 (38-40) Depth to top of: _____ ft 195 (41-43)

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

Lithology: _____ (48-49) Origin: _____ (50) Aquifer Thickness: _____ ft

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

Intervals Screened: 195-215' = 20' of #6 Cook strainer

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

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

Surficial material: _____ (70-71) Infiltration characteristics: _____ (72)

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

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

Well No. 921

GP O 937-142