90A

SITE ID- 340949089 5323

FORM 9-1642
(1-68)

Well No. V4

WELL SCHEDULE E-log #16 **PUNCHED**

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

DEC 31 1973

MASTER CARD GJD

Record by: BEW | Source of data: Dr. | Date: 2-24-61 | Map:

State: 53 | 28 | County (or town): Panola | 54

Latitude: 340949 N | Longitude: 0895323 | Sequential number: 1

Lat-long accuracy: 3 | T 10 (S) R 7 (W) Sec 36

Local well number: V004DC36100S07W | Other number:

Local use: 037 | Owner or name: Wallace Creek Court

Owner or name: WALLACE CREEK | Address:

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

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 — H

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

DATA AVAILABLE: Well data ☐ | Freq. W/L meas.: N | Field aquifer char. ☐

Hyd. lab. data: ☐

Qual. water data; type: ☐

Freq. sampling: ☐ | Pumpage inventory: yes/no, period: ☐

Aperture cards: yes ☐

Log data: test hole to 1311 ft. — E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD | Depth well: 358 ft | Meas. / rept. | accuracy 6

Depth cased (first perf.): 276 ft | Casing type: | Diam. 42' of 4" in | 6

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

Date Drilled: 9-61 | Pump intake setting: ft

Driller: Delta Drilling Co. (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 — S | Deep / Shallow ☐

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. — 5 | Trans. or meter no.

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

Alt. LSD: 358 | Accuracy (source): 5

Water Level: ft above/below MP; Ft above/below LSD | Accuracy: ☐

Date meas.: | Yield: gpm | Method determined ☐

Drawdown: ft | Accuracy: | Pumping period hrs

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

Sp. Conduct K x 10^6 | Temp. °F | Date sampled

Taste, color, etc.

Well No. V4

Well No. V4

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:

Drainage Basin: 15 (23–25) Subbasin: (26)

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

MAJOR AQUIFER: system, series TE (28–29) aquifer, formation, group MW (30–31)

Lithology: US (32–33) Origin: 2 (34) Aquifer Thickness: ft

(35–37) Length of well open to: ft 20 (38–40) Depth to top of: ft (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: 338-358 ft = 20' of 4"

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. V4

GPO 937-142