FORM 9-1642
(1-68)

Well No. A-42

WELL SCHEDULE

PUNCHED

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

FEB 8 1974

MASTER CARD

Record by JCM Source of data BOWC Date 9-71 Map

State [28] County (or town) BOLIVAR [006]

Latitude: [34040AN] deg min sec N S Longitude: [0905045] 12 degrees 15 min sec 18 Sequential number: [1] 19

Lat-long accuracy: [5] 20 T. 25 N S, R. 6 E W, Sec. 5, ¼, ¼, ¼, ¼ B & M

Local well number: [A042 0525N06W] 21 25 30 34 Other number:

Local use: [020] 35 40 45 51 Owner or name:

Owner or name: [A J COWART] 52 56 61 66 Address: Roundlake

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

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] 68

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] 69

DATA AVAILABLE: Well data [ ] 70 Freq. W/L meas.: [ ] [Ø] 71 Field aquifer char. [ ] 72

Hyd. lab. data: [ ] 73

Qual. water data; type: [ ] 74

Freq. sampling: [ ] [ ] 75 Pumpage inventory: yes no, period: [ ] 76

Aperture cards: [ ] yes 77

Log data: [ ] [D] 78 79

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] 19 Depth well: [ ] ft [1430] 20 23 Meas. rept [ ] [3] 24

Depth cased: (first perf.) [ ] ft [1400] 25 28 Casing type: [ ]; Diam. [4X2] accuracy in [4] 29 30

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 [5] 31

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] 32

Date Drilled: 6-30-62 [9 7 1] 33 35 Pump intake setting: [ ] ft 36 38

Driller: Bailey Drlg. 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 [ ] 39 Deep Shallow [ ] 40

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

Descrip. MP [ ] ft above below LSD, Alt. MP [ ]

Alt. LSD: [ ] 42 45 Accuracy: (source) [ ] 47

Water Level [ ] ft above below MP; Ft (above) below LSD [+7] 48 51 Accuracy: [ ] 52 [D]

Date meas: [ ] 53 [6 6 2] 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 [ ] 77 79

Taste, color, etc. [ ]

Well No. A-42

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: E (D) 837 (C) (E) (F) (H) (K) (L) 15H (23–25) Subbasin: ____ (26)

Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp, (◊) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat ____ (27)

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

Lithology: ____ S (32–33) Origin: ____ 2 (34) Aquifer Thickness: 1370 ft

(35–37) Length of well open to: ____ ft 60 (38–40) Depth to top of: ____ ft A43 (41–42)

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: 2"

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/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: ____ (79)

0-40 Clay
40-96 Sd
96-156 Gr Sd
156-348 mud
348-368 = Sd + mud
368-466 Sd
466-512 Sd + mud
512-553 Sd +
553-652 Sd + mud
652-721 Sd.
721-900 mud
900-979 Sd
979-1020 mud
1320-1328 Sd mud + rocks

1328-1358 F. Sd
1358-1371 mud
1376-1430 Sd

5

Well No. A-142

GPO 937-142