WRD Exp. (GW)
April 1966

Well No. 62

WELL SCHEDULE

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

MASTER CARD

Record by T. N. Shows Source of data driller Date 4-29-64 Map

State Miss [2 8] County (or town) Marion [4 6]

Latitude: [3 1 1 6 5 6 N] deg min sec N S Longitude: [0 8 9 5 0 5 9] degrees min sec Sequential number: [2]

Lat-long accuracy: [3] T. 4 (N) S, R 18 E (W) Sec 30, SE ¼, NW ¼, ¼ B & M

Local well number: [G 0 0 2 D B 3 0 0 4 N 1 8 W] Other number:

Local use: [ ] Owner or name: Columbia Chamber of Com...

Owner or name: [C Ø L U M B I A C Ø F C] Address:

Ownership: (C) County, (F) Fed Gov't, (M) City [circled], (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [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 [circled], (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [U]

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

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

Hyd. lab. data: [ ]

Qual. water data; type: [ ]

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

Aperture cards: yes [ ]

Log data: E-log #53 near-by [ ]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 126 ft [1 2 6] Meas. Rept. accuracy [3]

Depth cased: (first perf.) 116 ft [1 1 6] Casing type: plastic; Diam. 2 in [2]

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

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

Date Drilled: 4-29-64 [9 6 4] Pump intake setting: ft [ ]

Driller: Dean Griner (name), Columbia (address)

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

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

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: [1 4 8] Accuracy: (source) [2]

Water Level + 5.38 above below MP; ft above below LSD [circled] [+ 5] Accuracy: taped [ ]

Date meas: April 29, 1964 [4 6 4] 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. 69 °F [6 9] Date sampled [ ]

Taste, color, etc. Fe = 1.5 to 2 ppm

Well No. 62

Well No. G2

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:

D (22) Drainage Basin: 13V (23–25) Subbasin: (26)

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

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

Lithology: ____ 45 (32–33) Origin: ____ 3 (34) Aquifer Thickness: ____ ft

(35–37) Length of well open to: 10 ft 10 (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: 116 - 126 10 ft slotted plastic screen

Depth to consolidated rock: ____ ft (60–63) Source of data: ____ (64)

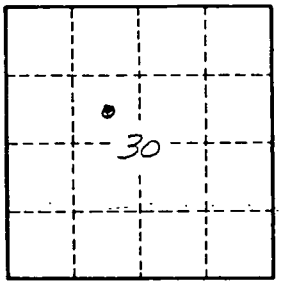
Depth to basement: ____ ft (65–68) Source of data: ____ (69)

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)

Pumping test - the obs well (pumped well G3)



Well No. G2

GPO 857-700