PUBLICATION NOT VERIFIED
ROLLA COMPUTATION BRANCH

WRD Exp. (GW)
April 1966

Well No. B1

WELL SCHEDULE

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

MASTER CARD

Record by E. J. Harvey Source of data Owner Date 4-20-59 Map Lucedale Quad

State 28 County (or town) George 20

Latitude: 30 59 18 N (deg, min, sec) Longitude: 088 40 32 (degrees, min, sec) Sequential number: 1

Lat-long accuracy: 2 T. 1 N R. 7 E Sec. 4, NE ¼, SE ¼, SE ¼ B & M

Local well number: B 01 D 04 01 5 07 W Other number:

Local use: 128 Owner or name:

Owner or name: B L WALTERS 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, (Z) Desal-other, Other Dom. + R. Municipal — R

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. — W

DATA AVAILABLE: Well data; Freq. W/L meas.: Ø; Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS Complete 4-20-59 — C

Freq. sampling: Φ; Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 525 Meas. rept accuracy — 6

Depth cased: (first perf.) ft 513 Casing type: Galvanized; Diam. in 2

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — 5

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: 1954 (9 54) Pump intake setting: ft

Driller: Fowler Brothers (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 — P; Deep / Shallow

Power (type): diesel, (elec), nat gas, LP gas, gasoline, hand, wind; H.P. ¼ — 5; Trans. or meter no.

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

Alt. LSD: 90 +, 90 Accuracy (source): Topo. — 4

Water Level +13.0 ft above / below MP; Ft (above) / below LSD 713 Accuracy: — A

Date meas: 4-20-59 (4 59) Yield: 10 gpm (10) Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10⁶ Temp. 72½ °F (72) Date sampled 4-20-59 + 8/65

Taste, color, etc. No Fe, little sediment - Sat

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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: 130 (23–25) Subbasin: (26)

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

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

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

(35–37) Length of well open to: ft (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: 12' 55

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

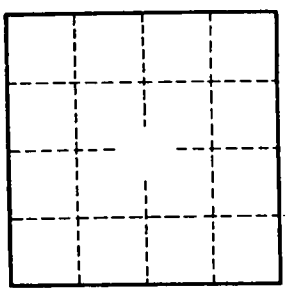
Depth to basement: ft (65–68) Source of data: (69)

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)

T D of Hole 780 ft.
nothing below 525'. 2 streams
above 525 ft.



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GPO 857-700