FORM 9-1642
(1-68)

Well No. J21
Elog# 175

WELL SCHEDULE

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

MASTER CARD JCM

Record by WD Source of data BOWC MGS Date 5/72 6/72 Map

State MISS 28 County (or town) SMITH 65

Latitude: 320019N Longitude: 0893828 Sequential number: 1

Lat-long accuracy: 2 T 2 N, R 6 E, Sec 13, SE ¼, SW ¼, NW ¼

Local well number: J021CB1302N06E Other number:

Local use: 064175 Owner or name:

Owner or name: TRAXLER W A Address:

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

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 — P

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.: Ø — Field aquifer char.:

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: — Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: Elog 10'-1110' — D F

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1099 ft — Meas. rept accuracy 3

Depth cased (first perf.): 1039 ft — Casing type: Steel — Diam. 8 in

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: 4-21-72 — 972 — Pump intake setting: ft

Driller: SINGER-LAYNE (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 — T — Deep / Shallow

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 30 — V — Trans. or meter no.

Descrip. MP 565 ft above/below LSD, Alt. MP

Alt. LSD: 512 — Accuracy (source): topo 4

Water Level ft above below MP; Ft above below LSD 310 — Accuracy: D

Date meas. 572 — Yield 250 (open) gpm 200 — Method determined 4

Drawdown: @ 210gpm 46 ft 46 — Accuracy: Air Line — Pumping period @ 210gpm hrs

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

Sp. Conduct 580 K x 10^6 — Temp. 265 °F — Date sampled 772

Taste, color, etc. Slight Colored pH: 8.1 Fe = < .01

Hard < 17.1

165 customers (mixture) 15 chicken houses
2 ground tanks 10,000 20,000

12/20/94
367.30

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: (23–25) Subbasin: (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (P) 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 TF (28–29) aquifer, formation, group CΦ (30–31)

Lithology: S (32–33) Origin: 2 (34) Aquifer Thickness: 100+ ft

Length of well open to: (35–37) ft Depth to top of: 060 (38–40) ft 967 (41–43)

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

Lithology: (48–49) Origin: (50) Aquifer Thickness: ft

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

Intervals Screened: 60'-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/ft²; Spec cap: gpm/ft; Number of geologic cards: (79)

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Well No. 421

GPO 937-142