FORM 9-1642
(1-68)

Well No. G-18

WELL SCHEDULE

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

1-75

MASTER CARD BGM

Record by J. S. Source of data Bowc Date 8/69 Map

State 28 (2) County (or town) Carroll (3-4)

Latitude: 33 deg 23 min 40 sec N (5-11) Longitude: 090 06 55 (12 degrees 15 min sec 18) Sequential number: 1 (19)

Lat-long accuracy: 3 (20) T 18 N S, R 2 E W, Sec 29, NE ¼, SW ¼, ____ ¼, ____ B & M

Local well number: GD 18 AC 29 18 N 02 E (21-34) Other number: ____

Local use: 037 (35-51) Owner or name: ____

Owner or name: RAY TEDFORD (52-66) Address: Sidon, Ms

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist ____ 67 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 ____ 68 H

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, (Z) Waste, Destroyed. 69 W

DATA AVAILABLE: Well data (70) Freq. W/L meas.: ____ (Φ) (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 (1-19) Depth well: ____ ft 370 (20-23) Meas. rept ____ accuracy 24 3

Depth cased: (first perf.) ____ ft 345 (25-28) Casing type: Steel ; Diam. ____ in 4 (29-30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) open end, (P) perf., screen, (S) sd. pt., (T) shored, (W) open hole, (Z) other ____ S (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: ____ 9 6 9 (33-35) Pump intake setting: ____ ft (36-38)

Driller: ____ 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: ____ 1 70 (42-45) Accuracy: (source) ____ 47 5

Water Level ____ ft above below MP; Ft above below LSD ____ (48-51) Accuracy: ____ 52 D

Date meas: ____ 53 7 6 9 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. ____

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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:

E (22) Drainage Basin: 157 (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) I

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

Lithology: US (32–33) Origin: 3 (34) Aquifer Thickness: 70 ft

(35–37) Length of well open to: ft (38–40) 25 Depth to top of: ft (41–43) 200

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" Perforated Pipe

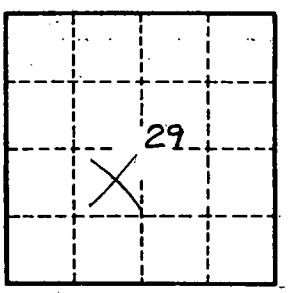
Depth to consolidated rock: ft (60–63) Source of data: (64)

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)



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GPO 937-142