WRD Exp. (GW)
April 1966

Well No. K2

WELL SCHEDULE

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

MASTER CARD

Record by P.E. Gautham Source of data D N Westling Date 1965 Map

State Miss. [28] (1-2) County (or town) Marion [46] (3-4)

Latitude: [31 14 06 N] (5-11) deg min sec N S Longitude: [089 52 12] (12-18) degrees min sec Sequential number: [1] (19)

Lat-long accuracy: [3] (20) T. 3 N S, R 19 W, Sec 11, SW ¼, SW ¼, ____ ¼ B & M

Local well number: [K002cC1103N19E] (21-34) Other number: ____

Local use: ____ (35-51) Owner or name: MONSANTO AGRI CO.

Owner or name: [MONSANTO AG. CO] (52-66) Address: Foxworth, Miss.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [N] (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) Stock, (S) Instit, (T) Unused, (U) Repressure, (V) Recharge, (W) Desal-P S, (X) 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.: NONE [N] (71) Field aquifer char. [ ] (72)

Hyd. lab. data: ____ [ ] (73)

Qual. water data; type: ____ [ ] (74)

Freq. sampling: NONE [ ] (75) Pumpage inventory: yes no, period: ____ [ ] (76)

Aperture cards: ____ yes [ ] (77)

Log data: ____ [ ] (78-79)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD (1-19) Depth well: 23 ft [23] (20-23) Meas. rept accuracy [6] (24)

Depth cased; (first perf.) 20 ft [20] (25-28) Casing type: ____; Diam. 2 in [2] (29-30)

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open end, (P) perf, (S) screen, (T) sd. pt., (W) shored, (X) 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: ____ [ ] (33-35) Pump intake setting: ____ ft [ ] (36-38)

Driller: Sherrard Water Well Co (name) Columbia Miss. (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 [J] (39) Deep / Shallow [ ] (40)

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. ____ [5] (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 [ ] (48-51) Accuracy: ____ [ ] (52)

Date meas: ____ [ ] (53-55) 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: Coastal Plain [0 3] (20, 21) Section: East Gulf

Coastal Plain [D] (22) Drainage Basin: [1 3 V] (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 [F] (27)

MAJOR AQUIFER: ____ system, ____ series [Q B] (28, 29) Pearl River alluvium aquifer, formation, group [0 A] (30, 31)

Lithology: ____ [9 A] (32, 33) Origin: ____ [2] (34) Aquifer Thickness: ____ ft

[ ] (35, 37) Length of well open to: 3 ft [3] (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: 20' - 23'

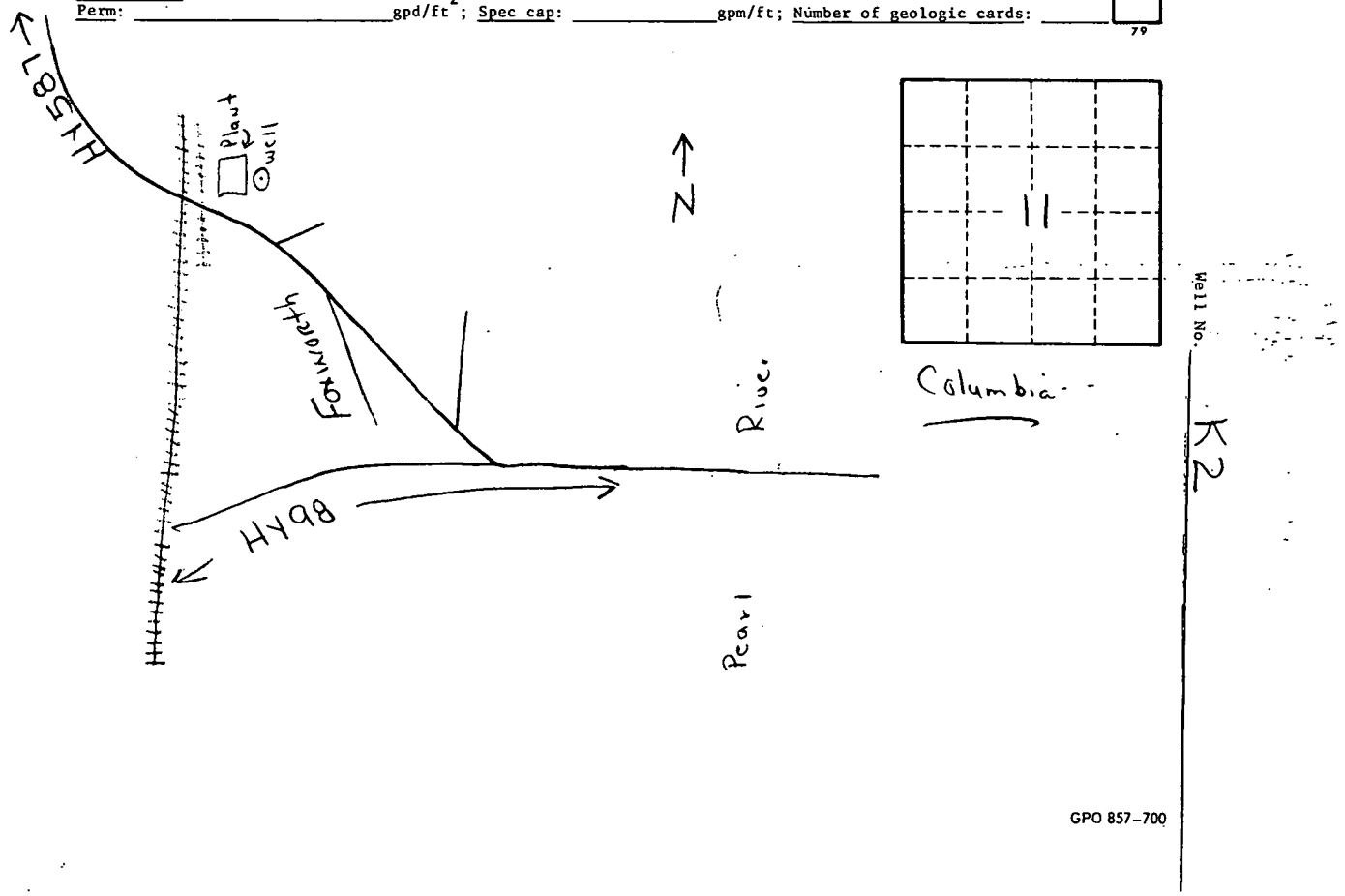
Depth to consolidated rock: ____ ft [ ] (60, 63) Source of data: ____ [ ] (64)

Depth to basement: ____ ft [ ] (65, 68) Source of data: ____ [ ] (69)

Surficial material: Sandy Unconsolidated [S U] (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)



GPO 857-700