KWL 10-29-92
145.52

FORM 9-1642
(1-68)

Well No. D16

WELL SCHEDULE

Elog #17 PUNCHED

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

MASTER CARD

Record by B.E. Wasson (Yes) Source of data driller Date 4-16-59 Map WEST POINT 135-C

State 9 28 County (or town) Oktibbeha 9 53

Latitude: 33 31 06 N Longitude: 088 44 26 W Sequential number: 1

Lat-long accuracy: 3 T 19 S, R 15 W, Sec 16, NW ¼, SW ¼, NW ¼, NW ¼

Local well number: D016EB1619N15E Other number: B & M Rocky Hill School

Local use: 002017 Owner or name: Alexander Jr. High School

Owner or name: ALEXANDER SCH Address: Starkville

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

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 school P H.

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.: ; Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

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

Structure cards: yes

Log data: elog to 880' 4-16-59, samples E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 1096 Meas. rept accuracy 6

Depth cased; (first perf.) 1066 ft Casing type: ; Diam. in 4

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 1066-1096 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: 4-16-59 1959 Pump intake setting: ft

Driller: Robert Ratliff (name), Grenada (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 ; Deep Shallow

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

Descrip. MP 292 ft above below LSD, Alt. MP

Alt. LSD: 282 Accuracy: (source) Topo

Water Level ft above below MP; F above below LSD 84 Accuracy: rept.

Date meas: 59 Yield: rept. gpm 96 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. 72° F Date sampled

Taste, color, etc.

U.S. G.P.O. 1972/720-793/96/1303

5/12/92
166.00
17.00
149.00
- 3.10mp
145.90

136.10 7SL

Well No. D16

Well No. _____

03K0KU9

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, (F) flat, (H) hilltop, (K) sink, (L) swamp, (O) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat — low hill (27) 5

MAJOR AQUIFER: Eutaw to 800' (system) Kg (series) K3 (28, 29) _____ (aquifer, formation, group) G0 (30, 31)

Lithology: _____ (32, 33) Origin: _____ (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: _____

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

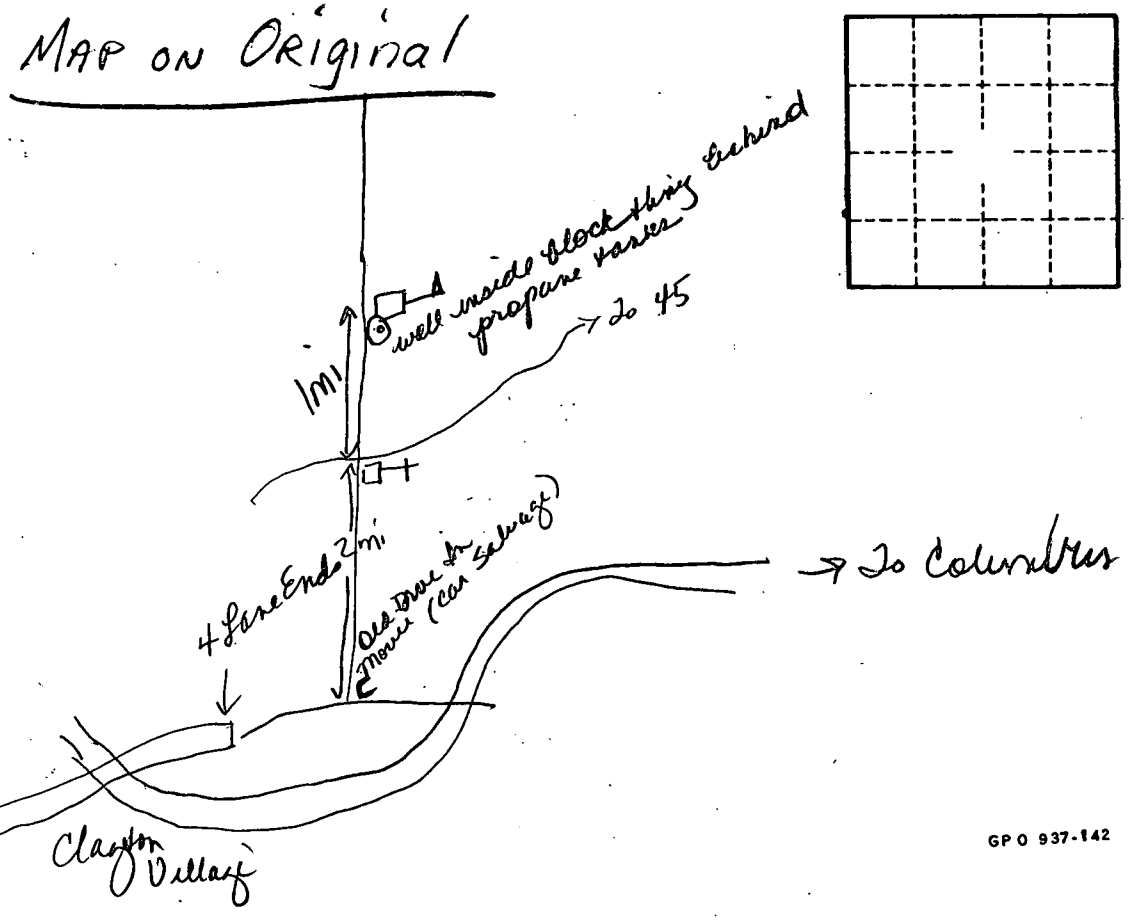
Depth to basement: _____ ft (65–68) Source of data: _____ (69)

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)

MAP on Original



Well No. D16

GPO 937-142