

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION **OCT 20 1975**

1 1/2 mi N of Olive Branch
MASTER CARD

Record by MAH Source of data BOWC Date 7/24/75 Map

State 28 County (or, town) De Soto 17

Latitude: 34^{deg} 59^{min} 20^{sec} N Longitude: 089^{degrees} 50^{min} 20^{sec} W Sequential number: 19

Lat-long accuracy: 5 T 1 S R 6 W Sec 21, SE SW NE

Local well number: 0061CA210/S06W Other number: B & H

Local use: 260 Owner or name:

Owner or name: EUGENE DURAHAM Address: Olive Branch, MS.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P.S., (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P.S., (S) Desal-other, (T) Other. H

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: phi Field aquifer char: 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes no; period: 76

Aperture cards: 77

Log data: D 78 79

WELL-DESCRIPTION CARD

'SAME AS ON MASTER CARD' Depth well: 198 ft Meas. rept accuracy 3

Depth cased: (first, perf.) 178 ft Casing type: plastic; Diam. 4 in

Finish: (C) porous concrete, (F) gravel, (G) gravel w. screen, (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other. 5

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse percussion, (G) rotary, (H) trenching, (I) driven, (J) drive wash, (K) other. H

Date Drilled: 9-7-5 Pump intake setting: 36 ft 38

Driller: W.A. Mason Water Well name address

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other. S Deep 40 Shallow

Power (type): (A) diesel, (B) elec, (C) nat gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 3/4 S Trans. or meter no. 41

Alt. LSD: 42 ft above 43 ft below MP; Ft below LSD 150 Accuracy: 47

Water Level meas: 275 Yield: 7 gpm Method determined 61

Drawdown: 62 ft Accuracy: 63 Pumping period: 64 hrs 65

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct K x 10 73 Temp. °F 74 75 Date sampled 76 77 79

Taste, color, etc... 78

Well No. D61

Well No. D 61

Latitude-longitude _____
N
S
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____
20 21

22 D Drainage Basin: 16A Subbasin: _____ 26
23 25

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (P) (H) (K) (L) (φ) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat _____ 27
28

MAJOR AQUIFER: _____ system _____ series TE _____ aquifer, formation, group SS 30 31
28 29

Lithology: _____ Origin: _____ 32 33 Aquifer Thickness: 48 ft 34
35 37 Length of well open to: _____ ft 20 Depth to top of: _____ ft 150 40 41 43

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____ 46 47
44 45

Lithology: _____ Origin: _____ 48 49 Aquifer Thickness: _____ ft 50
51 53 Length of well open to: _____ ft _____ Depth to top of: _____ ft _____ 54 56 57 59

Intervals Screened: _____

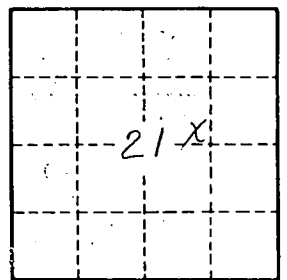
Depth to consolidated rock: _____ ft _____ Source of data: _____ 64
60 61

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

Surficial material: _____ Infiltration characteristics: _____ 72
70 71

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 76 78
73 75

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79



Well No. D 61