WRD Exp. (GW)
April 1966

Well No. L31

WELL SCHEDULE

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

MASTER CARD

Record by W.T Oakley Source of data driller Date 1-17-68 Map

State Mississippi [28] County (or town) Washington [76]

Latitude: [33 12 51 N] deg min sec N S Longitude: [090 52 20] 12 degrees 15 min sec 18 Sequential number: [1] 19

Lat-long accuracy: [2] T. 16 N S, R 7 E W Sec 24, SW ¼, SE ¼, ¼ ¼ B & M

Local well number: [L 031 C D 24 16 N 07 W] 31 25 30 34 Other number:

Local use: 35 40 45 51 Owner or name: Mr. Baland

Owner or name: [W G BOLAND] 52 56 61 66 Address: Estill, Miss.

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [P] 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) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Z) Desal-other, Other [H] 68

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, (X) Waste, (Z) Destroyed [W] 69

DATA AVAILABLE: Well data [ ] 70 Freq. W/L meas.: [Φ] 71 Field aquifer char. [ ] 72

Hyd. lab. data: [ ] 73

Qual. water data; type: USGS [C] 74

Freq. sampling: Original [Φ] 75 Pumpage inventory: yes no, period: [ ] 76

Aperture cards: yes [ ] 77

Log data: drillers log [D] 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD 1 19 Depth well: 548' ft [548] 20 23 Meas. rept accuracy [6] 24

Depth cased: (first perf.) 528 ft [528] 25 28 Casing type: black; Diam. 4 in [4] 29 30

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Φ) 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: 7-14-67 [967] 33 35 Pump intake setting: ft [ ] 36 38

Driller: Bailey Drilling Co. (name), Greenville, 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 [S] 39 Deep Shallow [ ] 40

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 1½ [T] 41 Trans. or meter no.

Descrip. MP ft above below LSD; Alt. MP

Alt. LSD: [116] 42 45 Accuracy: (source) [3] 47

Water Level 26. ft above below MP; Ft above below LSD [26] 48 51 Accuracy: reported [D] 52

Date meas: 7-14-67 [767] 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

22 Sp. Conduct 1500 K x 10^6 [5] 73 Temp. 56 °F [56] 74 76 Date sampled [168] 77 79

Taste, color, etc. Field PH = 7.8 Water is treated

Field PH. 7.4 (7.1 in lab)

Well No. L31

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

)ROGEOLOGIC CARD

ME AS ON MASTER CARD 19 | Physiographic Province: Coastal Plain | 0 3 (20 21) | Section: Miss River

al Plain | E (22) | Drainage Basin: | 1 5 J (23 25) | Subbasin: | (26)

of 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 | 27 V

R FER: ____ system, ____ series | T E (28 29) | Cockfield aquifer, formation, group | C Ø (30 31)

ology: unconsolidated Sand | U S (32 33) | Origin: Deltaic | 3 (34) | Aquifer Thickness: ____ ft

(37) | Length of well open to: ____ ft | 2 0 (38 40) | Depth to top of: ____ ft | 4 8 0 (41 43)

R FER: ____ system, ____ series | (44 45) | aquifer, formation, group | (46 47)

ology: | (48 49) | Origin: | (50) | Aquifer Thickness: ____ ft

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

rvals ened:

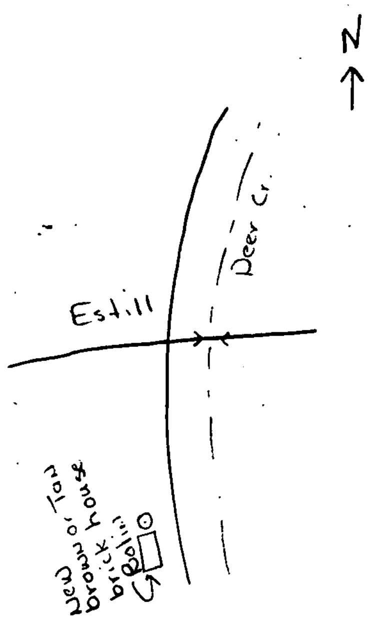
h to olidated rock: ____ ft | (60 63) | Source of data: | (64)

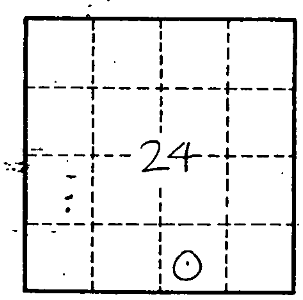
h to ment: ____ ft | (65 68) | Source of data: | (69)

icial rial: | (70 71) | Infiltration characteristics: | (72)

ficient s: ____ gpd/ft | (73 75) | Coefficient Storage: | (76 78)

ficient : ____ gpd/ft²; Spec cap: ____ gpm/ft; Number of geologic cards: | (79)





Well No.

0-20- clay
20-80 sand
80-90 gravel
90-265 mud
265-378 sand
378-480 mud
480-548 sand

GPO 857-700