

Replacement

WRD Exp. (GW)
April 1966

Well No. J117

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by T.N. Shows Source of data J.Q. Butler Date 3-30-61 Map County

State Mississippi 28 County (or town) Lamar 37

Latitude: 31° 05' 42" N Longitude: 089° 37' 53" W Sequential number: 1

Lat-long accuracy: 2' T. 2 S. R. 16 E. Sec. 32, NE $\frac{1}{4}$, NW $\frac{1}{4}$

Local well number: J117 AB3202N16W Other number: J32-1 AEC

Local use: X12 Owner or name: John Q. Butler

Owner or name: JOHN Q. BUTLER Address: Rt 4, Lumberton, Miss

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Irr, Med, Ind, P S, Rec, (B) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

DATA AVAILABLE: Well data Freq. W/L meas.: none N Field aquifer char.

Hyd. lab. data:

Qual. water data; type: USGS completes and partials 8-5-64 M

Freq. sampling: irregular I Pumpage inventory: no period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 454 ft 454 Meas. accuracy 6

Depth cased: (first perf.) 442 ft 442 Casing type: galv. Diam. 2 in 2

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (perfor.), (H) horiz. screen, (I) open perim., (J) gallery, (K) end, (L) other S

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

Date Drilled: June 1956 956 Pump intake setting: 5 ft 5

Driller: S.L. Rouse, Columbia, Miss.

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 P Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 5 Trans. or meter no. 5

Descrip. MP none ft above LSD. Alt. MP 5

Alt. LSD: 5 Accuracy: (source) 5

Water Level unknown ft above MP; Ft below LSD 5 Accuracy: 5

Date meas: 5 Yield: 5 gpm 5 Method determined 5

Drawdown: 5 ft 5 Accuracy: 5 Pumping period 5 hrs 5

QUALITY OF WATER DATA: Iron 1.50 ppm 5 Sulfate 0.0 ppm 0 Chloride 7.2 ppm 0 Hard. 58 3

Sp. Conduct 230 K x 10⁶ 2 Temp. 77 °F 77 Date sampled 8-5-64 864

Taste, color, etc.

TRANSMITTED FOR ADP PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

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Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD **Physiographic Province:** Coastal Plain **Section:** East Gulf Coastal

Plan: D **Drainage Basin:** 13V **Subbasin:** H

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) offshore, pediment, hillside, terrace, undulating, valley flat, (E) (F) (H) (K) (L) (V)

MAJOR AQUIFER: Tertiary, Miocene T.M Hattiesburg H.A
system series aquifer, formation, group

Lithology: unconsolidated sands U.S **Origin:** Deltaic 3 **Aquifer Thickness:** _____ ft

Length of well open to: 12 ft **Depth to top of:** 12 ft

MINOR AQUIFER: _____ **Aquifer Thickness:** _____ ft

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft **Depth to top of:** _____ ft

Intervals Screened: 442 - 454 ft 12 ft screen

Depth to consolidated rock: _____ ft **Source of data:** _____

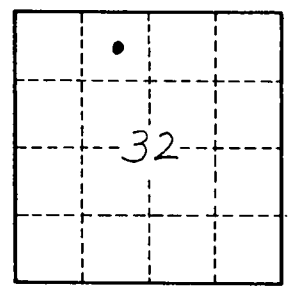
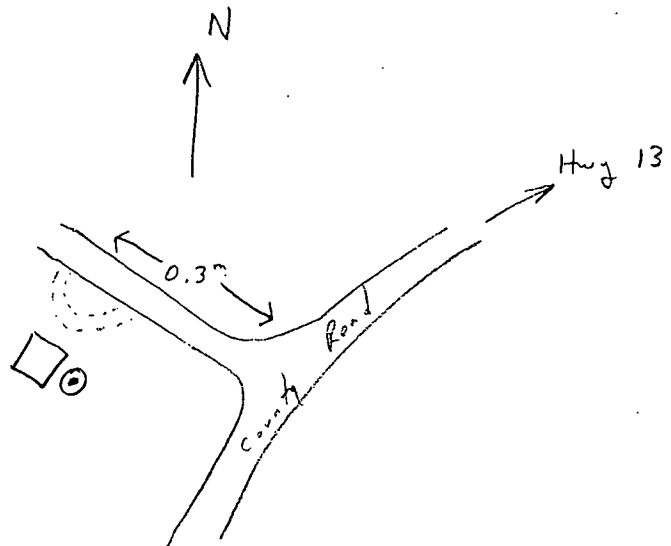
Depth to basement: _____ ft **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ gpd/ft **Coefficient Storage:** _____

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

"Hit chalk at 300ft."



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