

WRD Exp. (GW)
April 1966

Well No. G116

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by T.N. Shows Source of data Driller's obs Date 1-29-64 Map New Augusta Quad

State: Mississippi County (or town): Forrest Sequential number: 1

Latitude: 31 deg 11 min 37 sec N Longitude: 08 deg 9 min 10 sec W

Lat-long accuracy: 1 T. 3 S, R 12 Sec 27, SW 1/4, NE 1/4

Local well number: G116CA2703N12W Other well number: A16

Local use: _____ Owner or name: U.S. Army Address: Camp Shelby

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

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 3, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Reppure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other _____

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed _____

DATA AVAILABLE: Well data Freq. W/L meas.: _____ Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: none Pumpage inventory: no period: _____

Aperture cards: _____

Log data: Electric and driller's log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 416.4 ft Meas. accuracy: 416 repp

Depth cased; (first perf.): 381.6 ft Casing type: _____; Diam. 4x3 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other _____

Method: (A) air bored, (B) cable, (D) dug, (H) hyd rot, (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, (Z) other _____

Date Drilled: July 1943 9:43 Pump intake setting: _____ ft

Driller: Kenneth Journey, Greenwood Miss

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other _____ Deep Shallow

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

Descrip. MP: Top of flange which is 2 ft above LSD Alt. MP: 260.44

Alt. LSD: 258.44 Accuracy: (source) instrument

Water Level: 135.44 ft above below MP; Ft above below LSD: 133 Accuracy: taped

Date meas: 7-27-43 7:43 Yield: _____ gpm Method determined: _____

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled: _____

Taste, color, etc. _____

TRANSMITTED FOR ADP

Well No. G116

Well No. G 116

Latitude-longitude 31 11 37^N 089 11 05^W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: Coastal Plain

Coastal Plain

03

Section: East Gulf

Coastal plain D

Drainage Basin: 130

130

Subbasin: 26

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

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

Lithology: unconsolidated sand 45 Origin: Deltaic 3 Aquifer Thickness: 320 ft

Length of well open to: 10 ft Depth to top of: 320 ft

MINOR AQUIFER: system, series, aquifer, formation, group, Aquifer Thickness: ft

Lithology: Length of well open to: ft Depth to top of: ft

Intervals Screened: 382-392 10 ft, No. 10 starchipped screen

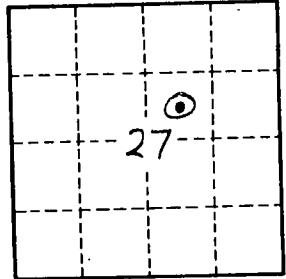
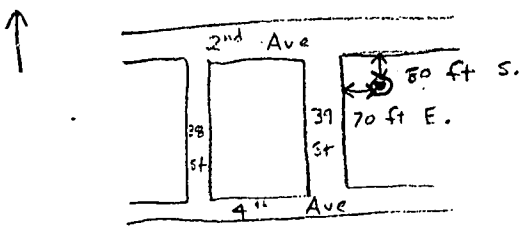
Depth to consolidated rock: ft Source of data: 64

Depth to basement: ft Source of data: 69

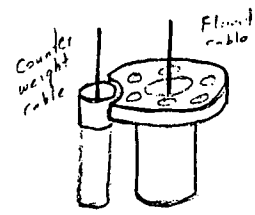
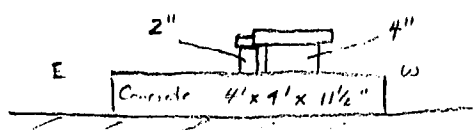
Surficial material: Infiltration characteristics: 72

Coefficient Trans: 73 75 Coefficient Storage: 76 78

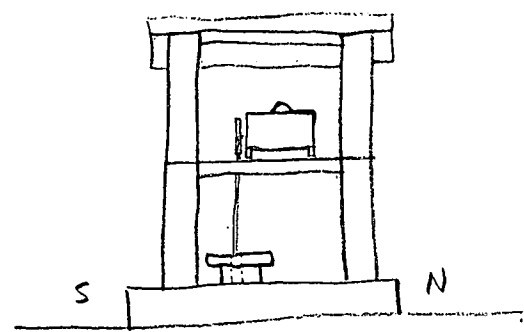
Coefficient Perm: 79 gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 79



Drilled as obs. well



Elev top of casing = 260.44 above MSL, 0.51' above concrete. Casing is 0.03' above sleeve on 2" pipe



Well No. G 116

OBSERVATION WELL

County Forrest

Well No. G-116

Latitude: _____

Longitude: _____

Quad: _____

Owner's Name Camp Shelby

Location S27, T3N, R12W

Depth 416 Diameter 4" Date Drilled 7/43

Formation _____

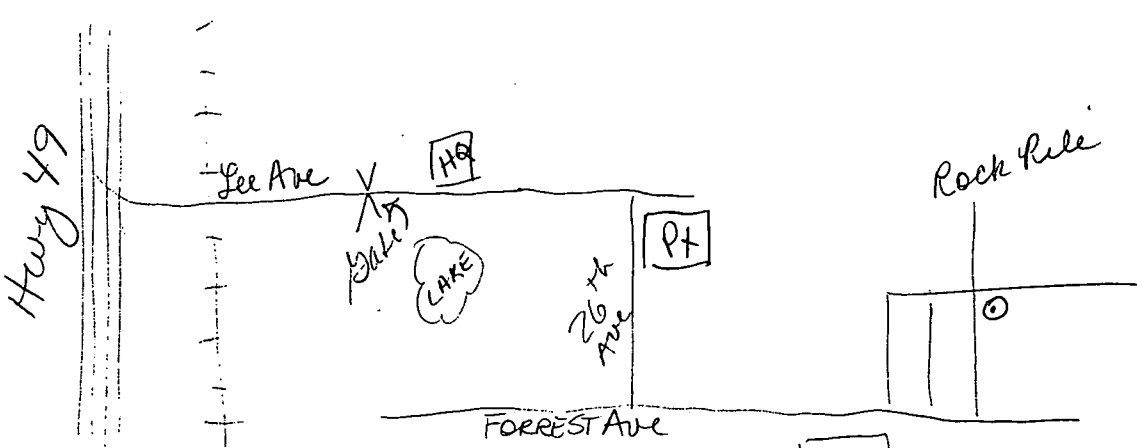
Elevation 260

Transducer _____

MP loc at .4 ft _____ lsd

Sketch of Location

10/93 150.78
4/92 146.30



well in woods
short rusted casing
with white plastic cap.

3 mi E of South gate of Camp Shelby Forrest G116

G116

3111370371105.01

Forrest G101 (A16)

U. S. Government, Miss. National Guard, Camp Shelby, SW 1/4, NE 1/4, sec. 27, T 3 N, R 12 W., 90 feet south of intersection of 39th street and 2nd avenue. Drilled observation artesian well in Hattiesburg sand, diameter 4 to 3 inches, depth ~~125~~ feet.

392 (Midcor 2)

2.10 (1956)

MP. Top of casing flange; 0.52' feet above led.

Measurements: Stevens recorder, 1:10 ratio, electric clock. Levels are affected by pumped well nearby. Tape down should be made with a small weight or without weight as float is quart beer bottle with little clearance.

Led	-	258.44			
High	-	122.08	4-2-54	W.L. =	139' 1976
Low	-	134.75	9-29-45	WL =	142' 1981

