

11/23/96
JAC

Actually is in
6" grid

GW618 SW Pontotoc

WRD Exp. (GW)
April 1966

Well No. ~~637~~ 647

WELL SCHEDULE

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

MASTER CARD *J/M*

Record by *JAC* Source of data *ANALOGUE* Date *5-30-67* Map *Pontotoc*

State *Mississippi* County (or town) *Pontotoc* Sequential number: *1*

Latitude: *34 15 13 N* Longitude: *089 01 00*

Lac-long accuracy: *4* T. *10* S. *3* W. Sec *3* NE *3* SW *4* NE *4*

Local well number: *C037 C3209503E* Other number: *Well #2*

Local use: *064* Owner or name: *PONTOTOC*

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (P) *M*

water: (S) Stock, (T) Inscit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other *P*

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed *L*

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: *D*

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: *1192* Meas. *3*

Depth cased: *SPLIT SCREEN* *1097* Casing type: *steel* Diam. *12x8* in *12*

Finish: porous gravel w. concrete, (perf.) gravel w. (screen), horiz. gallery, open perf., screen, sd. pt., shored, open hole, other *G*

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) reverse, (G) air reverse, (H) air reverse, (I) air reverse, (J) air reverse, (K) air reverse, (L) air reverse, (M) air reverse, (N) air reverse, (O) air reverse, (P) air reverse, (Q) air reverse, (R) air reverse, (S) air reverse, (T) air reverse, (U) air reverse, (V) air reverse, (W) air reverse, (X) air reverse, (Y) air reverse, (Z) air reverse *H*

Date Drilled: *9.6.6* Pump intake setting: *348*

Driller: *Langston Construction Co. Memphis*

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) multiple, (H) multiple, (I) multiple, (J) multiple, (K) multiple, (L) multiple, (M) multiple, (N) multiple, (O) multiple, (P) multiple, (Q) multiple, (R) multiple, (S) multiple, (T) multiple, (U) multiple, (V) multiple, (W) multiple, (X) multiple, (Y) multiple, (Z) multiple *T* Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. *75* Trans. or meter no.

Descrip. MP *390* ft above LSD. Alt. MP *390*

Alt. LSD: *460* Accuracy: (source) *Tops 20' contour* *5*

Water Level: *170* Accuracy: *D*

Date meas: *10/11/66* Yield: *533* Method determined

Drawdown: *0.64* Accuracy: Pumping period:

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

Sp. Conduct K x 10 Temp. Date sampled

Taste, color, etc.

Well No. *C 37*

Well No. C 37

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

D Drainage Basin: 15F Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series K3 _____ aquifer, formation, group 160

Lithology: _____ Origin: 6 Aquifer Thickness: _____ ft

60 Length of well open to: _____ ft 80 Depth to top of: _____ ft

MINOR AQUIFER: _____ system _____ series _____ aquifer, formation, group _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 1097-1117, 1132-1192 5 screens

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

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

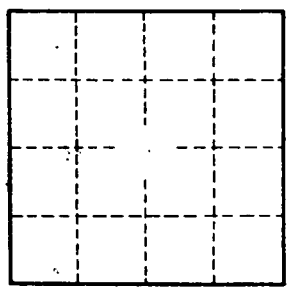
Surficial material: _____ Infiltration characteristics: _____

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

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

(Bolt 216)
+ K3MS

10" Pawl 10 stage

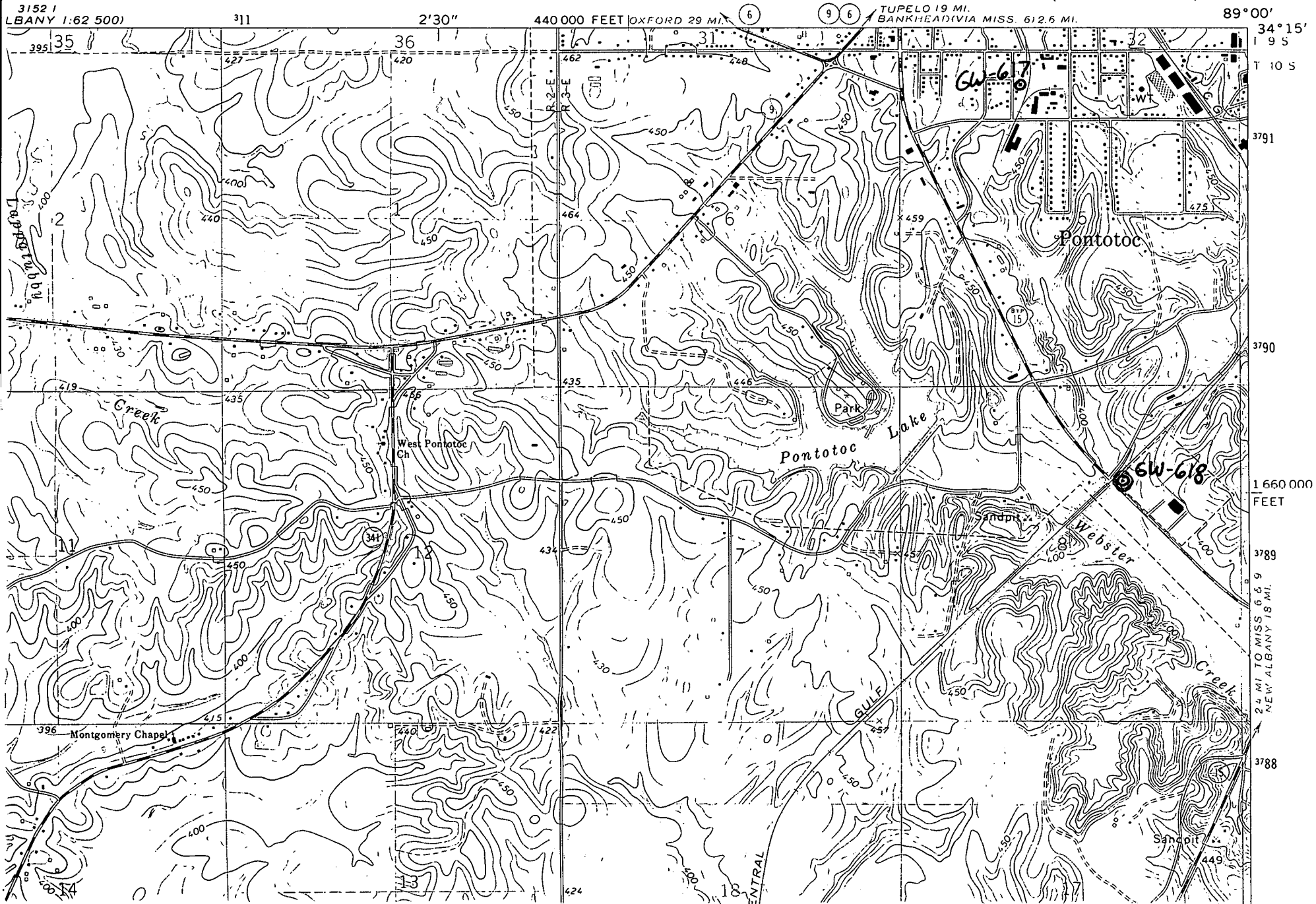


Well No. C37

WATER RIGHTS MAP

SOUTHWEST PONTOTOC QUADRANGLE MISSISSIPPI-PONTOTOC CO. 7.5 MINUTE SERIES (TOPOGRAPHIC)

3232 IV
SHERMAN 1:62 500



Form 10 to C

MISSISSIPPI BOARD OF WATER COMMISSIONERS

G-40
10-66 037

WATER WELL DRILLERS LOG

CODED

Date: 10-15-, 1966, Driller: Layne-Central Co. County: Pontotoc

CODED

(1) Owner of Land: Town of Pontotoc
(Name)
Pontotoc, Mississippi
(Address)

(2) Location: 1/4, SW 1/4, Sec. 32 T-2-R-10E
_____ miles _____ of _____
(distance) (direction) (Nearest Town)

(3) Topography: _____
(Hilly) (Flat) (Level)

(4) Purpose of Well: Municipal
(Domestic Irrigation
Municipal, Industrial, Other)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Sandy clay	4	4
black clay	7	11
rock	7	18
sand	5	23
sand-rock stks.	9	32
rock	2	34
gravel, sand-rock stks.	39	73
clay & rock	12	85
lime rock	75	160
lime, hard & soft stks.	59	219
sandy clay-rock stks.	13	232
hard clay & rock stks.	33	265
hard clay	128	393
hard clay-rock stks.	182	575
soapstone hard	90	665
clay & hard stks.	33	698
hard clay & sandy stks	32	730
rock	2	732
hard clay-sandy stks	138	870
sandy shale-hard stks	30	900
hard shale	20	920
sandy shale	40	960
hard shale-sandy stks	50	1010
fine sand shale	21	1031
hard shale-sandy stks	10	1041
sand & shale	56	1097
sand shale & rock stks	18	1115
lime rock	18	1135
h.p. sand	12	1145
h.p. sand-gravel	12	1157
sandy shale	1	1158
continued on back		

Information upon completion of well:

(1) Diameter 12 inches.

(2) Total Depth 1198 feet.

(3) Water Level _____ feet below top of ground.

(4) Cased to 1132', Size 8"

(5) Screen: Size 8", Length 80'

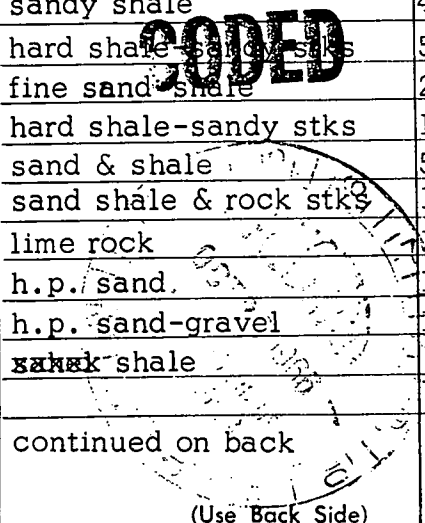
(6) Were any formations sealed against pollution?
 yes, _____ no.

If YES depth of formation 1132'

Why _____ required

Drillers Remarks: will come

OK



Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.

(2)

A

sand	2	1160
hard shale-sand stks	12	1172
sand gravel & rock stks	20	1192
hard shale	2	1194
rock	2	1196
hard shale & rock	16	1212

of 10" 12 X 8
 Top screen

1097
 PS - 1211
 Top screen
 20' screen
 15 blank
 60 screen
 96' B.P.

1 1/2
 1 1/2
 1 1/2
 SWL 170' 10/11/66 75hp Tur.
 320' of 8" x 2 1/2" x 1 1/2" column
 10" bowl 10 stage Gravel
 PS 347' 8"
 from M. S. ... Layer ...
 12/1/71