PUNCHED

MAR 2 1 1975

FORM 9-1642
(1-68)

Well No. G13

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — E-109 # 51 WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by J.A Callahan Source of data ____ Date ____ Map ____

State 28 County (or town) Sharkey 63

Latitude: 32 48 02 N Longitude: 090 55 38 Sequential number: 1

Lat-long accuracy: 4 T 11 N, R 7 W Sec 16, ____ ¼, SW ¼, NW ¼ B & M

Local well number: G01 3CB 1611 N07W Other number: ____

Local use: 022 051 Owner or name: ____

Owner or name: BELLGRADE LBR Address: ____

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

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, (Y) Desal-other, (Z) Other ____ N

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

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

Hyd. lab. data: ____

Qual. water data; type: ____

Freq. sampling: ____ Pumpage inventory: yes / no, period: ____

Aperture cards: ____ yes

Log data: ____ E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 976 ft 955 Meas. rept ____ 3

Depth cased; (first perf.) ____ ft 915 Casing type: ____; Diam. 4X2½ in accuracy 4

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

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

Date Drilled: 8/1965 965 Pump intake setting: ____ ft -163

Driller: D F Peavy name, ____ 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 T Deep ____ Shallow ____

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

Descrip. MP ____ ft above / below LSD, Alt. MP ____

Alt. LSD: ____ 1010 Accuracy: (source) ____ 4

Water Level ____ ft above / below MP; Ft above / below LSD 0 Accuracy: ____ D

Date meas: ____ 865 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 10^6 ____ Temp. ____ °F ____ Date sampled ____

Taste, color, etc. ____

Well No.

Well No. _____

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

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

E (22) Drainage Basin: _____ 15J (23–25) Subbasin: _____ (26)

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

MAJOR AQUIFER: _____ system, _____ series TE (28–29) _____ aquifer, formation, group 55 (30–31)

Lithology: _____ VS (32–33) Origin: _____ 3 (34) Aquifer Thickness: 94'+ ft

(35–37) Length of well open to: _____ ft 40 (38–40) Depth to top of: _____ ft 080 (41–43)

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

Lithology: _____ (48–49) Origin: _____ (50) Aquifer Thickness: _____ ft

(51–53) Length of well open to: _____ ft (54–56) Depth to top of: _____ ft (57–59)

Intervals Screened: 40' .008 2½"

Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

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

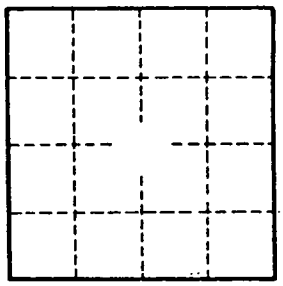
Surficial material: _____ (70–71) Infiltration characteristics: _____ (72)

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

Coefficient Perm: _____ gpd/ft^2; Spec cap: _____ gpm/ft; Number of geologic cards: _____ (79)

63' of Column

807' of 2½"



Well No. G13

UP-DATED _____

GPO 937-142

G13
8-5-65

SHARKEY MISSISSIPPI BOARD OF WATER COMMISSI[ONERS]

CODED

WATER WELL DRILLERS LOG

Date: 8-5, 1965, Driller: David Benny (Name) County Sharkey

Elog #51

(1) Owner of Land: [illegible] (Name)

Cary, Miss (Address)

(2) Location: NW ¼, ____ ¼, Sec. 16 T11 R7W

____ miles ____, of Cary (distance) (direction) (Nearest Town)

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

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

Information upon completion of well:

(1) Diameter 4 X 2½ inches.

(2) Total Depth 976 feet.

(3) Water Level Top of ground below top of ground.

(4) Cased to 936, Size 169'4" 967' 2½

(5) Screen: Size 2½, Length 40 ft

(6) Were any formations sealed against pollution?

____ yes, ____ no.

If YES depth of formation ____

Why ____

Drillers Remarks: ____

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thickness Feet	Depth Feet
Surface	34	34
Shell	10	44
Sand & Gravel C-SD-52	31.6	75.6
Sand	29.7	105.1
Pea gravel	30.6	135.7
Pea gravel	31.2	166.9
Clay	30.3	197
Clay streaks sand	30.3	227.3
Clay streaks sand	30.6	257
Clay streaks sand	30.2	287.11
Sand break Clay	30.10	318.9
sand	31.1	349.10
sand	31	380.10
sand	30	410.10
Sand & Clay	30.1	440.11
shale	29.10	469.9
shale	29.4	499.1
shale	30.11	530
shale streaks sand	21.9	551.9
shale streaks sand	21.8	573.5
shale streaks sand	4.3	577.8
hard shale	21.9	599.5
hard shale	21.9	621.2
shale	21.10	643
shale	20.4	663.4
shale	21.9	685.1
shale hard & sand	20.7	705.8
sand	20.4	726
sandy shale	[illegible]	747.10
sandy shale	[illegible]	755.10
sandy shale	[illegible]	779.10
sandy shale	[illegible]	809.10

CODED

(Use Back Side)

Well No.

Retain this copy for your office files.