FORM 9-1642
(1-68)

Well No. C45 APR 8 1969

& log # 67 PLOTTED

WELL SCHEDULE

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

MASTER CARD

Record by WTQ Source of data MSCS Date 3/69 Map

State 28 County (or town) Sharkey 63

Latitude: 32 55 23 N S Longitude: 090 47 42 Sequential number: 1

Lat-long accuracy: 3 T. 13 N S, R. 7 E W Sec. 36 NW ¼ NW ¼ SW ¼ B & M

Local well number: C045BC36 13N 07W Other number:

Local use: 022067 Owner or name:

Owner or name: HARRY CARPENTER Address: Rolling Fork, Miss

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

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 H

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, (X) 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: D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1304 ft 1206 Meas. rept accuracy 3

Depth cased; (first perf.) ft 1150 Casing type: Iron ; Diam. 4X3X2½ 4

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., screen, sd. pt., (S) shoved, (T) open hole, (Z) other 5

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: 2/69 9/69 Pump intake setting: ft 84

Driller: DAVID BERRY (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 S Deep Shallow

Power (type): diesel, elec, gas, nat gasoline, hand, LP gas, wind; H.P. 5 T Trans. or meter no.

Descrip. MP ft above below LSD, Alt. MP

Alt. LSD: 104 Accuracy: (source) topo 4

Water Level ft above below MP Ft above below LSD 21 Accuracy: D

Date meas: 2-13/69 269 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. C45

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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: _____

D (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 SS (30–31)

Lithology: S (32–33) Origin: 2 (34) Aquifer Thickness: 40 ft

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

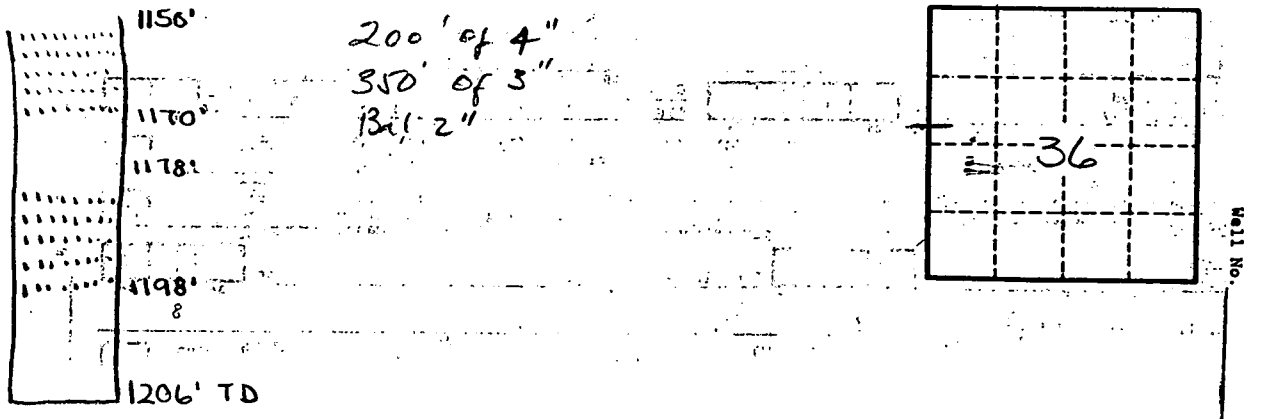
Depth to consolidated rock: _____ ft (60–63) Source of data: _____ (64)

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)



C45

GPO 937-142

Sharkey
C 45
2-17-69

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

WATER WELL DRILLERS LOG

2-17 (date well completed) 1969 DAVID BERRY (firm name) Sharkey (county well located)

LANDOWNER:
HARRY CARPENTER
Rolling Fork, Miss.
(mailing address)

WELL LOCATION:
sec. 36 T 13 N/S R 2 E/W
1½ (distance) miles NW (direction) of Rolling Fork (nearest town)

WELL PURPOSE: FARM (home, irrigation, municipal, industrial)

WELL COMPLETION DATA:
(1) diameter (inches) 4X3X2½
(2) total depth (feet) 1206
(3) static water level (feet) 21 below/~~above~~ top of ground.
(4) casing STD BLACK (material), 1150 (depth),
4X3X2½ (size) If telescope see back.
(5) screen 40 (length), 1150 (depth to top)
2½ (size), STAINLESS (material)
(6) pump 5 S&B (HP) _____ (yield gpm)
Elec (type power)
(7) electric log Yes (yes or no)
Mid. Geo. Survey (organization running log)
(8) how well bottom plugged 1½" gang

DRILLERS REMARKS:

description of formations encountered	from	to
clay	0	34
sand	34	95
gravel	95	140
clay	140	218
sand	218	309
sand with shale	309	340
sand	340	492
sand with shale	492	680
rock	680	681
shale with rock	681	706
shale with sand	706	767
sand	767	798
sand with shale	798	859
hard shale	859	889
shale with rock	889	920
shale	920	950
shale with sand	950	981
sand with shale	981	1010
shale	1010	1059
sand	1059	1149
shale	1149	1180
sand	1180	1241

BOARD OF WATER COMM.