

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

DEC 27 1972

MASTER CARD

Record by B.D. Source of data B.O.W.C. Date 11-70 Map _____

State 28 County Parag (or town) 59

Latitude: 343555N Longitude: 0883012 Sequential number: 1

Lat-long accuracy: 3 T. 5 R. 8 Sec 31 NE SW, SW, SW

Local well number: 5045CIC3105508E Other number: _____

Local use: 021 Owner or name: M. P. HOLDER Address: Coonville, Mo.

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, Dom, Irr, Med, Ind, P S, Rec, Stock, Inact, 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: Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 160 ft Meas. rept. accuracy 3

Depth cased: (first perf.) 21 ft Casing type: Steel ; Diam. in 5

Finish: (C) porous concrete, (F) gravel w. (H) gravel v. horiz. open perf., (S) screen, (T) sd. pt., (W) shored, (X) open end, (B) other X

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

Date Drilled: 970 Pump intake setting: _____ ft

Driller: Arnold - Koman

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg, (T) turb., (B) other Deep Shallow 40

Power (type): nat LP Trans. or meter no. _____

Descrip. MP 470' (11/89) ft above below LSD, Alt. MP _____

Alt. LSD: 400 Accuracy: (source) 5

Water Level 80 ft above below MP; Ft. 80 below LSD Accuracy: D

Date meas: 870 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. _____

well no. 645

RECORDED

Latitude-longitude N
S

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD

19 Physiographic Province:

20 21 Section: 0:3

22 Drainage Basin: D 23 24 Subbasin: 1:3:B

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27

MAJOR AQUIFER: system series K:3 28 29 aquifer, formation, group E:Z 30 31

Lithology: U:5 32 33 Origin: 2 34 Aquifer Thickness: 100 ft

Length of well open to: 33 37 ft 100 38 40 Depth to top of: 41 43 ft 60

MINOR AQUIFER: system series 44 45 aquifer, formation, group 46 47

Lithology: 48 49 Origin: 50 Aquifer Thickness: 50 ft

Length of well open to: 51 53 ft 54 56 Depth to top of: 57 59 ft

Intervals Screened:

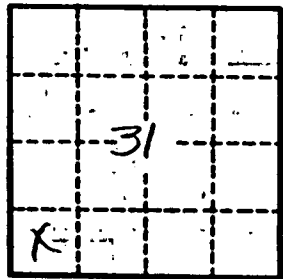
Depth to consolidated rock: 60 62 ft Source of data: 64

Depth to basement: 63 65 ft Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 gpd/ft Coefficient Storage: 76 78

Coefficient Perm: 79 gpd/ft²; Spec cap: 80 gpd/ft; Number of geologic cards: 81



Well No. 545

PRENTISS
G45
8-13-70

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

CODED

WATER WELL DRILLERS LOG

8-13 1970 Herndon-Homan, Inc Prentiss
date well completed firm name county well located

LANDOWNER: M. P. Golder
Route 6
Booneville, Miss
(mailing address)

description of formations encountered	from	to
<u>Surface sand</u>	0	18
<u>Blue clay</u>	18	60
<u>Sand</u>	60	160
<u>Clay</u>	160	

WELL LOCATION:
sec. 31 T. 5 N R. 8 E
S W
1/2 miles SE of Booneville
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 5

(2) total depth (feet) 160

(3) static water level (feet) 80 below above top of ground.

(4) casing steel 21' 3" (material) (depth),
5" (size) if telescope see back.

(5) screen no (length) (depth to top),
(size) (material)

(6) pump _____ (HP) _____ (yield gpm)
(type power)

(7) electric log no (yes or no)
(organization running log)

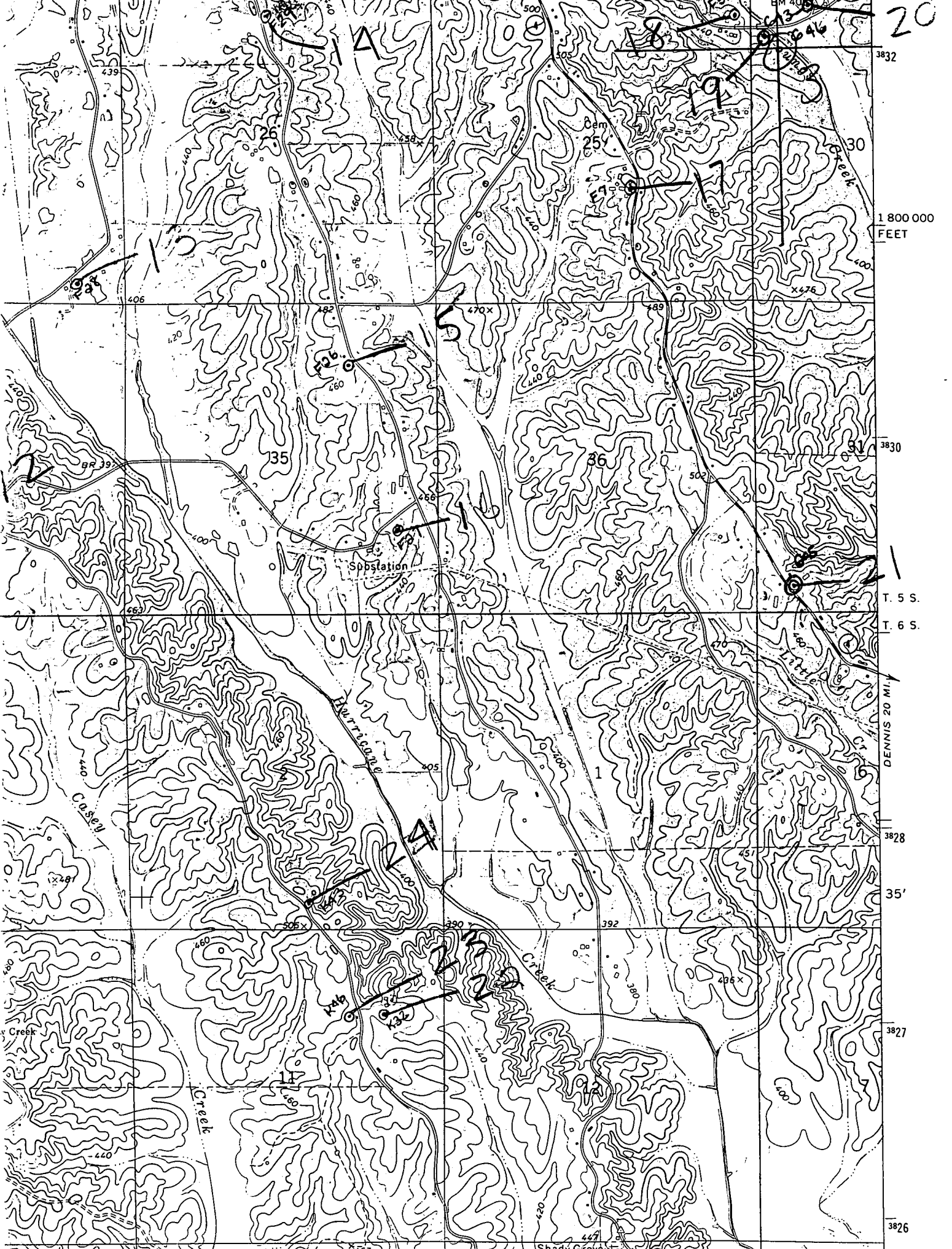
(8) how well bottom plugged open

CODED

OCT 12 1970

DRILLERS REMARKS:

MISS. BD. OF
WATER COMM.



1800 000
FEET

T. 5 S.
T. 6 S.

DENNIS 20 MI.

3828

35'

3827

3826

Substation

Hurricane
Creek

Cousin
Creek

Shady Grove
Creek

Creek

Creek

Creek

Creek

358

32'30"

359

1590 000 FEET

360

RIPLEY 30 MI.
BOONEVILLE 3.7 MI.

WHEELER QHAD

7 E.

88° 30'

34° 37' 30"

20

3832

30

400

3830

31

3830

3828

35'

3827

3826

26

Dem
25

17

18

19

35

36

31

24

23

22

21

20

19

18

17

470 X

440

502

486

492

495

495

495

390

392

380

426 X

447

447

447

439

406

400

463

440

460

440

440

440

440

X476

X476

X476

X476

X476

X476

X476

X476

RR 39

EM 40

Creek

Creek

Creek

Creek

Shady Grove
Creek