

PUNCHED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

DEC 27 1972

MASTER CARD

Record by J.S. Source of data Bowc Date 11/69 Map _____

State 28 County (or town) Prentiss 59

Latitude: 34^{deg} 44^{min} 43^{sec} N Longitude: 08^{degrees} 82^{min} 33^{sec} W Sequential number: 1

Lat-long accuracy: 1 T. 4 N. 9 E. Sec 7 SW 1 W 1 NE 1 SW

Local well number: D020AC0704S09E Other number: _____ B & M

Local use: 171 Owner or name: B. M. GAUGHY Address: Booneville

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Reppure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other _____ H

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. _____ W

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

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 320 ft Meas. rept _____ accuracy _____

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

Finish: (C) porous concrete, (F) gravel w. (screen), (G) gravel w. (gallery), (H) horiz. open end, (I) open perf., (J) screen, (K) sd. pt., (L) shored, (M) open bble, (N) other _____ X

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other _____ H

Date Drilled: 969 Pump intake setting: _____ ft

Driller: _____ name _____ address _____

Lift (type): (A) air, (B) bucket, (C) cent. jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other _____ S Deep _____ Shallow _____

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

Descrip. MP _____ ft above LSD, Alt. MP _____

Alt. LSD: 600 Accuracy: (source) _____ 5

Water Level 160 ft above MP; Ft below LSD 160 Accuracy: _____ D

Date meas: 869 Yield: _____ spm 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.

D 20

UNRECORDED

Well No. D 20

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____

0.3 Section: _____

D Drainage Basin: _____

18R Subbasin: _____

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

MAJOR AQUIFER:

system _____ series K3 aquifer, formation, group CW

Lithology: _____ Origin: _____ Aquifer Thickness: 70 ft

Length of well open to: _____ ft 70 Depth to top of: _____ ft 250

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:

None

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

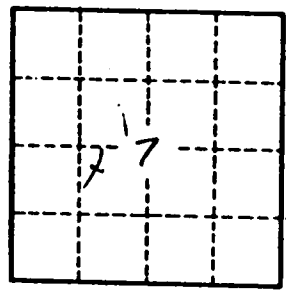
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

*Yellow sand 0-50
Blue sand 50-95
Sandy blue clay 95-250
Water sand 250-320*



Well No.

D 20

CODED ✓

PRENTISS
D20
8-13-69

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

WATER WELL DRILLERS LOG

8-13 1969 Bond Well Drilling, Prentiss
d. of well completed firm name county well located
MCGAUGHYS

LANDOWNER: <u>Billy McGaughy</u>	description of formations encountered	from	to
<u>Brownville</u> (mailing address)	<u>Yellow sand</u>	<u>0</u>	<u>50</u>
	<u>Blue sand</u>	<u>50</u>	<u>95</u>
	<u>sandy blue clay</u>	<u>95</u>	<u>250</u>
	<u>White sand</u>	<u>250</u>	<u>320</u>

WELL LOCATION:
sec. 2 T. 4 N R. 9 E
2 miles East of Jacinto
(distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 4
 - (2) total depth (feet) 320
 - (3) static water level (feet) 160 below above top of ground.
 - (4) casing Steel, 105 (material) (depth)
 - (size) if telescope see back.
 - (5) screen non (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

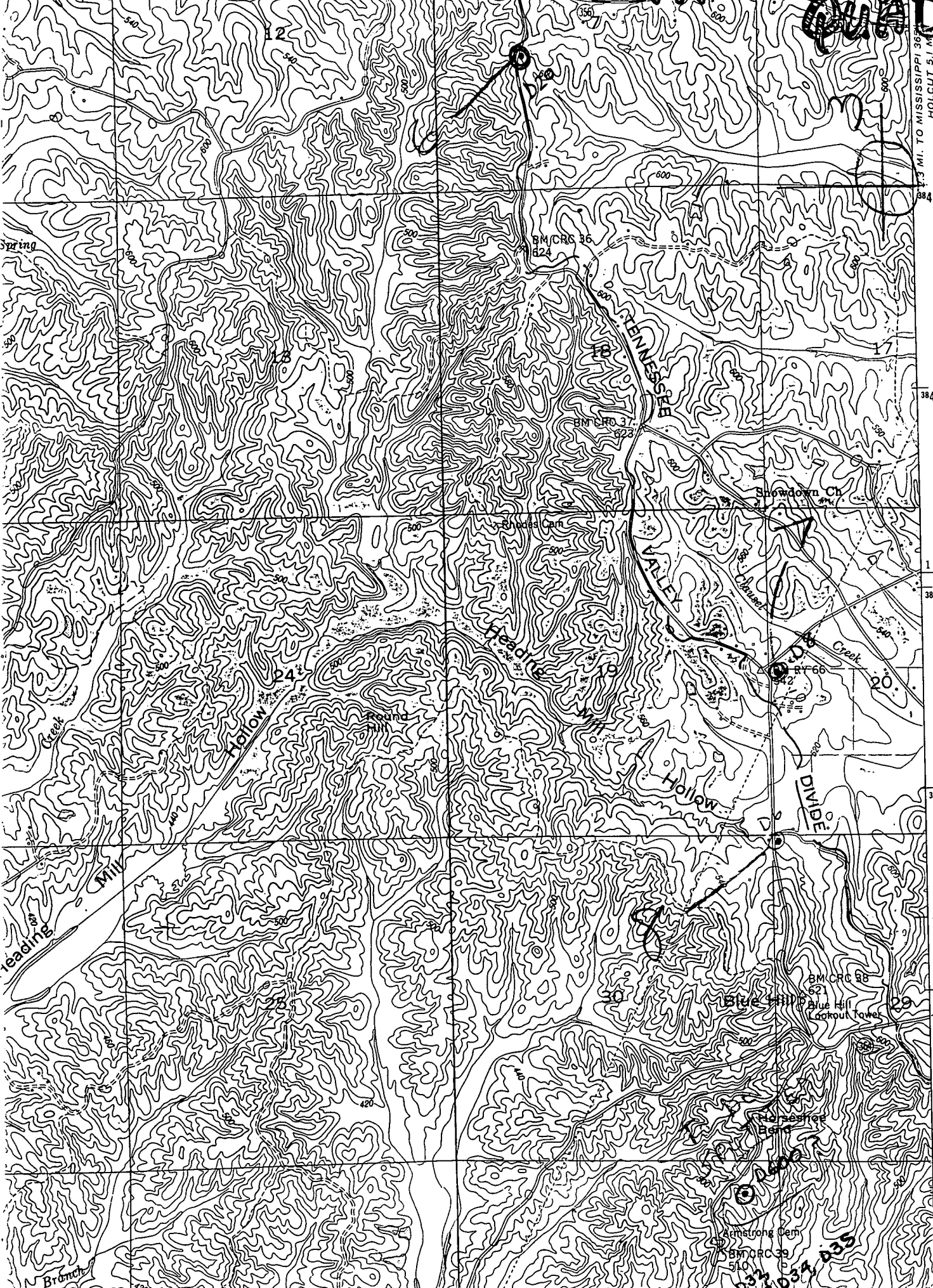
CODED

DRILLERS REMARKS:

R. 8 E. R. 9 E. 630 000 FEET
11 MI. TO U.S. 45
JACINTO 2.5 MI.

ALTITUDE QUAD

30°
34'45"



1 840 000
FEET
3843

3842

42' 30"

3841

1.9 MI. TO MISSISSIPPI 365
CAIRO 2.3 MI.

3840

1.3 MI. TO MISSISSIPPI 365
HOLCUT 5.1 MI.

034 035
032 033