

1/4, 1/4, sketch, elev. disagree
 sketch in wrong township
 should be
 in the SW/NW/NW/SE

Code for punching
 11/12/76 Well No. 08

WRD Exp. (GW) April 1966
WELL SCHEDULE
 U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

E 109 # 41

PUNCHED and VERIFIED
 ROLLA COMPUTATION BRANCH

MASTER CARD

Record by P.E. Grantham Source of data MSGS Date 4-30-68 Map _____

State Mississippi 29 County Calhoun 14 (or town) 07

Latitude: 33 44 48 N Longitude: 08 9 13 0 X Sequential number: 1

Lat-long accuracy: 3 T. 22 S. R. 10 W. Sec. 26 50 t. NE t. NE, SE, NE, SW

Local well number: 0008022622N10E Other number: _____

Local use: 002041 Owner or name: CROSSROADS WA Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instic, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

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: USGS 8/70

Freq. sampling: Pumpage inventory: yes no period: _____

Aperture cards: _____ yes

Log data: MSGS E Log 60-1991 T.D. of hole = 2019 D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 2019 ft Meas. rept 3

Depth cased; (first perf.): 1979 ft Casing type: Steel; Diam. 6x8.6 in 8

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (screen), (H) horz. gallery, (I) open end, (J) other, (K) perf., (L) screen, (M) sd. pt., (N) shored, (O) open hole, (P) other S

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

Date Drilled: 4-68 9-68 Pump intake setting: _____ ft

Driller: Robert Raliff Dry Co, Grenada, Miss

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 20 Trans. or meter no. _____

Descrip. MP 390(6/92) OLT 343(10/89) ft above below LSD. Alt. MP _____

Alt. LSD: 403 403 Accuracy: (source) 4

Water Level: above below MP; Ft below LSD 195 Accuracy: D

Date meas: 778 Yield: 120 gpm Method determined 2

Drawdown: 138 ft Accuracy: _____ Pumping period _____ hrs

QUALITY OF WATER DATA: Iron 7 Sulfate 6 Chloride 250 Hard. 64

Sp. Conduct 950 K x 10⁶ 4 Temp. 31 °C 310 °F Date sampled 270

Taste, color, etc. _____

WELL NO. 08

Well No. 48

Latitude-longitude _____
d m s N
d m s S

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 15G

Topo of well site: (D) (C) (E) (F) (H) (K) (L) _____
 (O) (P) (S) (T) (U) (V) _____
 offshore, pediment, hillside, terrace, undulating, valley flat.

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

Lithology: _____ Origin: 2 Aquifer Thickness: 119 ft

Length of well open to: _____ ft 410 Depth to top of: _____ ft 1900

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: 1979-2019 40' x 6" SS screen

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

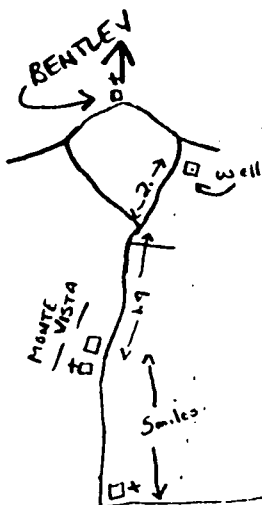
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

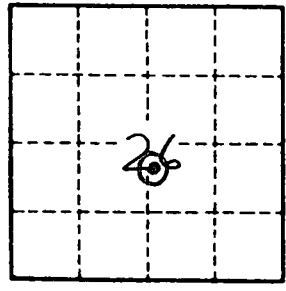
Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: 0.8 gpm/ft; Number of geologic cards: _____

See log



Doesn't make sense



Well No. _____

48

8/25/10 Inconclusive pumping test

- K3 600'
- K3AM 1268'
- K3EU 1379'
- K3MS ?
- Y3Gd 1642 or 1697

(7/18 Pump pulling gravel (150 gpm w 85' dd by driller))

UP-DATED _____ GPO 857-700

- KL = 160' 4/60
- 186' 8/68
- 195' 7/18

Calhoun
Φ8
5-68
Miss. Sec.

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

CODED

WATER WELL DRILLERS LOG

5-7-68 1968 Robert E. Ratzjke Calhoun
 date well completed firm name county well located

LANDOWNER: Bentley -
Montevista Water
Association Inc.
 (mailing address)

description of formations encountered	from	to
<u>Blue Shale</u>	<u>0</u>	<u>590</u>
<u>Fine Gray Muddy Sand</u>	<u>590</u>	<u>700</u>
<u>Shale</u>	<u>700</u>	<u>1380</u>
<u>Fine Sand</u>	<u>1380</u>	<u>1420</u>
<u>Blue Shale</u>	<u>1420</u>	<u>1490</u>
<u>Gray Sand</u>	<u>1490</u>	<u>1642</u>
<u>Blue Clay</u>	<u>1642</u>	<u>1730</u>
<u>Yellow Sand</u>	<u>1730</u>	<u>1756</u>
<u>Pink (mud-to-clay)</u>	<u>1756</u>	<u>1900</u>
<u>Gravel</u>	<u>1900</u>	<u>2100</u>

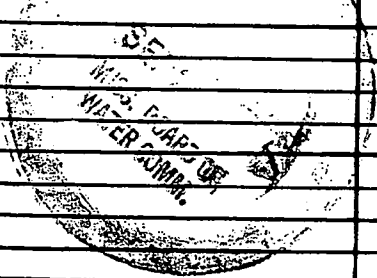
WELL LOCATION:
 sec. 26 T 22N R 10E
9 miles So. of Derma
 (distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- diameter (inches) 6 x 8
 - total depth (feet) 2019
 - static water level (feet) 160 ^{below} top of ground.
 - casing Bl. St., 1979,
 (material) (depth)
6 x 8 If telescope see back.
 (size)
 - screen 40', 1979,
 (length) (depth to top)
6", St. St.
 (size) (material)
 - pump 20, 150 ^{120 yd}
 (HP) (yield gpm) ^{with 135' drawdown}
electric
 (type power)
 - electric log yes (USGS # 41)
 (yes/or no) Elev = 403
M. G. S.
 (organization running log)
 - how well bottom plugged B.P.U.

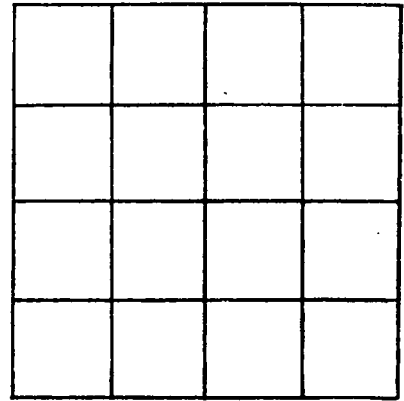
CODED

DRILLERS REMARKS:



If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen,
show locations of each on sketch.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

