

Revised  
~~Sketch, elev. diagram~~  
~~Sketch of well log township~~

NO FENCE

WRD Exp. (GW)  
April 1966

Code for punching  
11/2/76 Well No. 08

WELL SCHEDULE

E 109 # 41

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

MASTER CARD

Record by P.E. Grantham Source of data MSGS Date 4-30-68 Map Hohenlinden 133A

State Mississippi 29 County (or town) Calhoun 4

Latitude: 33° 44' 48" N Longitude: 08° 09' 13" W Sequential number: 1

Local well number: 0008 Other number: B & H

Local use: 002041 Owner or name: Bentley-Monte Vista Wtr.

Owner or name: CROSSROADS W.A. Address: \_\_\_\_\_

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

Use of water: Air cond, Bottling, Coam, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other D

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed W

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data: type: USGS 8/70

Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

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

well NOT  
being  
used  
(NO  
Pump)

WELL-DESCRIPTION CARD

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

Depth cased: (first perf.) 1979 ft Casing type: Steel Diam. 6 X 8 1/2 in

Finish: concrete, gravel w. (perf.), gravel w. (screen), open hole, gallery, end, perf., screen, sd. pt., shored, open hole, other S

Method Drilled: air bored, cable, dug, hyd jetted, rot., air percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 4-28 9:68 Pump intake setting: \_\_\_\_\_ ft

Driller: Robert Raliff Dry Co Granada, Miss

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 20 Y Trans. or meter no. \_\_\_\_\_

Descrip. MP 403 390 403 Accuracy: (source) 4

Alt. LSD: 403 390 403 Accuracy: 4

Water Level Date meas: 7:7:8 Yield: 120 gpm Method determined 2

Drawdown: 138 ft Accuracy: \_\_\_\_\_ Pumping period 2 hrs

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

Sp. Conduct 950 K x 10<sup>6</sup> 4 Temp. 31.0 °C Date sampled 270

Taste, color, etc. \_\_\_\_\_

Well No. 08

Well No. 48

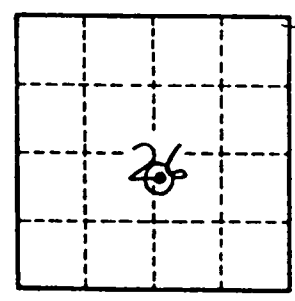
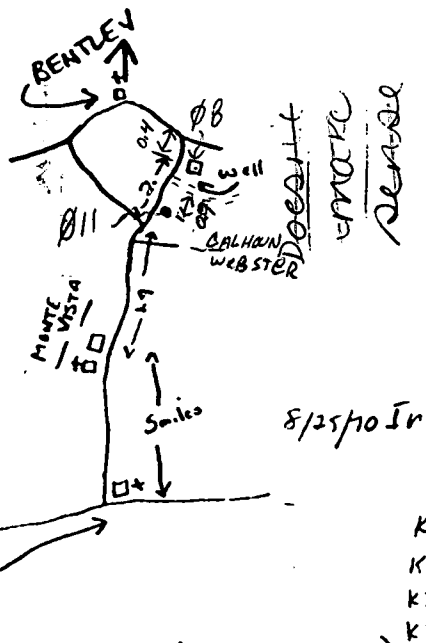
Latitude-longitude \_\_\_\_\_  
 \_\_\_\_\_ d m s \_\_\_\_\_ N  
 \_\_\_\_\_ d m s \_\_\_\_\_ S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD  Physiographic Province: 03 Section: \_\_\_\_\_  
 Drainage Basin: D 15G Subbasin: \_\_\_\_\_  
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_  
 MAJOR AQUIFER: K3 GΦ system series aquifer, formation, group  
 Lithology: R Origin: 2 Aquifer Thickness: 119 ft  
 Length of well open to: \_\_\_\_\_ ft Depth to top of: 1900 ft A90  
 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/ft<sup>2</sup>; Spec cap: 0.8 gpm/ft; Number of geologic cards: \_\_\_\_\_

M.P. = 1.8  
 hole in plate  
 where pump  
 wiring goes  
 11/8/90 DH/JG  
 230.00  
 - 1.55  
 228.45  
 - 1.8  
 226.65

See County  
 Map  
 FOR  
 DISTANCES  
 ↑ N



8/25/10 Inconclusive pumping test

- K3 600'
- K3AM 1268'
- K3EU 1379'
- K3MS
- K3GD 1642'
- 147'

(7/78 Pump pulling gravel  
 150 gpm w 85' dd by driller)

New Well  
 M.P. = 3.15  
 270.00  
 - 21.97  
 248.03  
 3.15  
 244.88

Pumping  
 off 30-35 min

AL = 160' 4/68  
 186' 8/60  
 195' 7/78