

GW-14273

WRD Exp. (GW)  
April 1966

Well No.

K4

WELL SCHEDULE

← 109 # 17

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PE. Grantham Source of data Driv. + E. Lo. Date 3-25-68 Map Mantee

State Mississippi County Webster (or town) 7:8

Latitude: 33 37 43 N Longitude: 08 90 45 2 Sequential number: 1

Lat-long accuracy: 2 0 20 S, R 12 W, Sec 6, NE 1/4, SE 1/4, SW 1/4

Local well number: K004DIB0620N12E Other well number: \_\_\_\_\_

Local use: 021017 Owner or name: Cumberland Water Assor.

Owner or name: CUMBERLAND WATER ASSOCIATION Address: Cumberland, Miss

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, Instit, 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.: \_\_\_\_\_ Φ Field aquifer char. \_\_\_\_\_

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

Qual. water data: type: msen 11/70 \_\_\_\_\_ C

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

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

Log data: 10' - 1022' U.S.G.S.; 1022' to bottom, MSGS \_\_\_\_\_ D E

*Handwritten notes:*

Wet (Acquane), Cumberland

Contact 9/13/87

Well cut MP

Sealed off

Cannot get measurement

Dary

*Handwritten notes:*

12/8/87

Sealed off

10/6/78

Well: 257.4

WELL-DESCRIPTION CARD

NAME AS ON MASTER CARD \_\_\_\_\_ Depth well: 1883 Meas. rept. accuracy \_\_\_\_\_

Depth cased: (first perf.) 1841 Casing type: A Diam. \_\_\_\_\_ in \_\_\_\_\_

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open end, (I) screen, (J) sd. pt., (K) shored, (L) open hole, (M) other \_\_\_\_\_

Method: (A) air bored, (B) cable, (C) dog, (D) hyd jetted, (E) air rot., (F) reverse, (G) percussive, (H) rotary, (I) driven, (J) wash, (K) other \_\_\_\_\_

Date Drilled: 9/6/68 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: H... name \_\_\_\_\_ address \_\_\_\_\_

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 \_\_\_\_\_ Deep \_\_\_\_\_ Shallow \_\_\_\_\_

Power (Type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. \_\_\_\_\_ 2.5 Y Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 460 Accuracy: (source) \_\_\_\_\_ 4

Water Level: \_\_\_\_\_ above \_\_\_\_\_ MP; \_\_\_\_\_ below LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_ D

Date Meas: \_\_\_\_\_ Yield: 160 100 gpm \_\_\_\_\_ Method determined \_\_\_\_\_ 1

Drawdown: 76 ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm \_\_\_\_\_ Sulfate \_\_\_\_\_ ppm \_\_\_\_\_ Chloride \_\_\_\_\_ ppm \_\_\_\_\_ Hard. \_\_\_\_\_ ppm \_\_\_\_\_

Sp. Conduct 15 K x 10<sup>3</sup> 4 Temp. 30 °F 3000 Date sampled 11-14-70 N70

Taste, color, etc. pH 1.5 i. 2 T. 10. -1-221 M.S.E.H.

100 gal. in 37sec. at 40 psi.

PUNCHED and VERIFIED  
ROLLA COMMUNICATION BRANCH

Well No.

Well No. K4

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 13K Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) offshore, pediment, hillside, terrace, undulating, valley flat  
(E) (F) (H) (K) (L) (V)

MAJOR AQUIFER: system \_\_\_\_\_ series K3 Tuscaloosa aquifer, formation, group GΦ

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: 53 ft

Length of well open to: .12 ft Depth to top of: 1830 ft

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: 1841 - 1883' 42' x 4" SS screen

Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

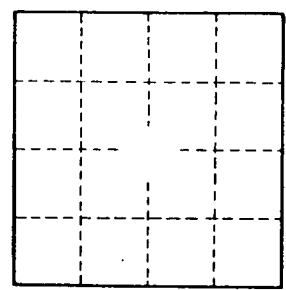
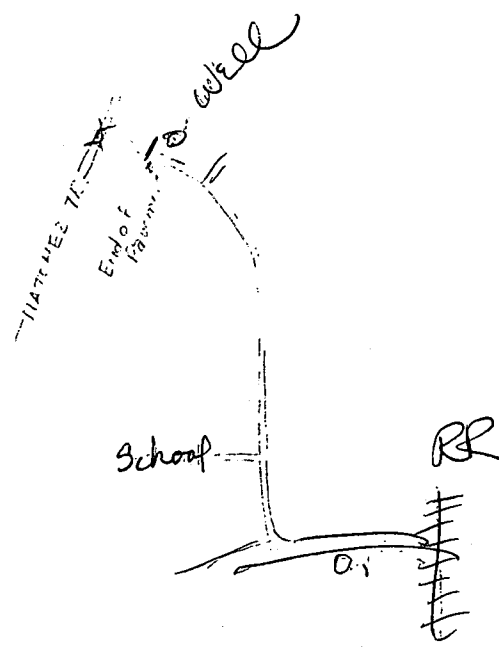
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

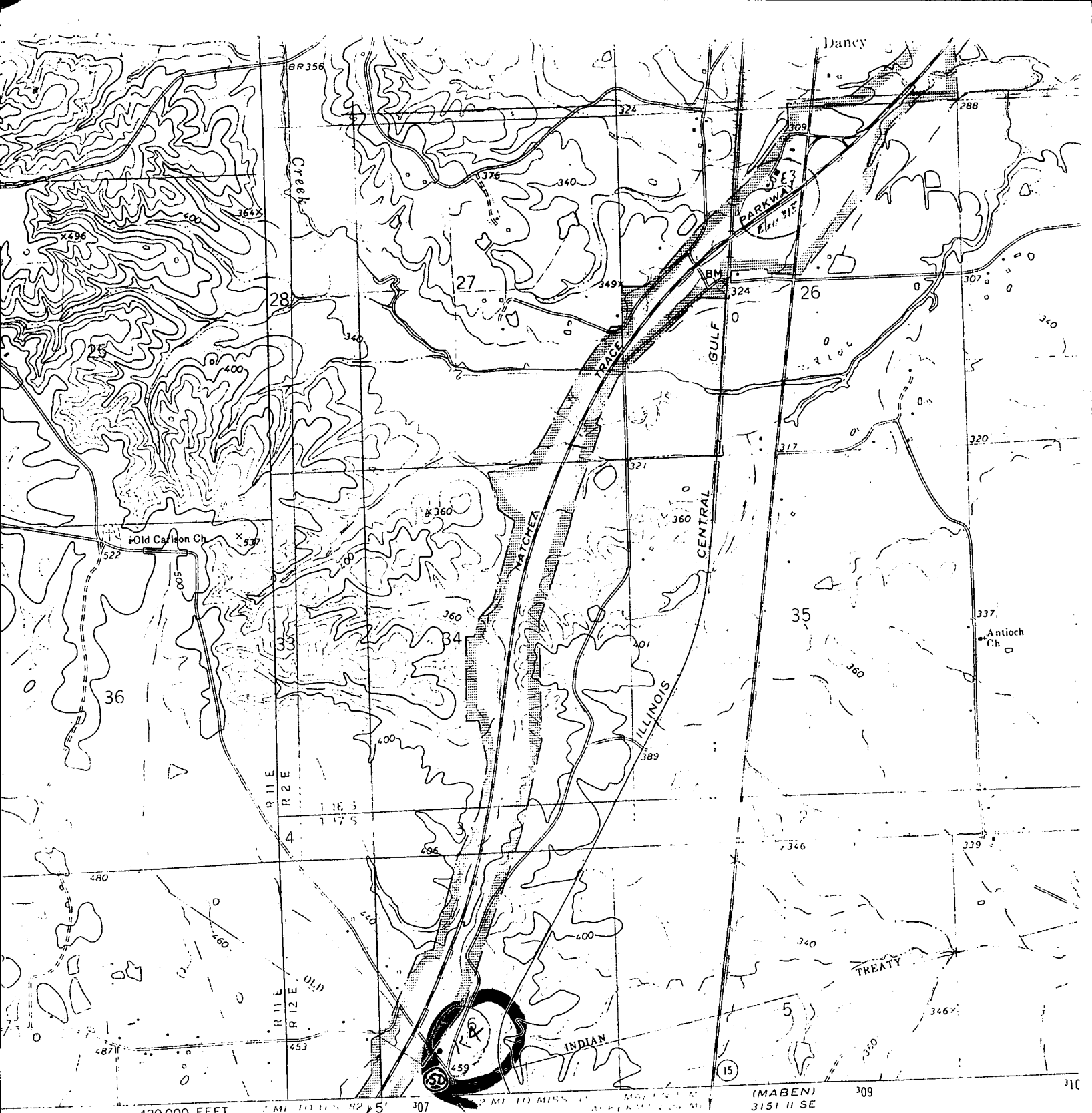
Well has sporadic water - school superintendent has key - cannot obtain a well



Well No. \_\_\_\_\_

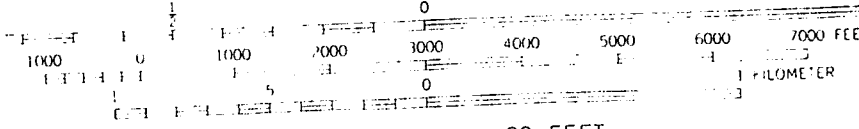
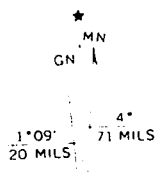
13





420 000 FEET

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET  
 DOTTED LINES REPRESENT 10-FOOT CONTOURS  
 DATUM IS MEAN SEA LEVEL

**MANTEE  
 QUAD**

UTM GRID AND 1972 MAGNETIC NORTH  
 DECLINATION AT CENTER OF SHEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Webster  
 RA  
 5-10-68  
 M.G.S.  
 5-10

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

CODED

WATER WELL DRILLERS LOG

date well completed 5-10-1968 firm name Herndon-Hornum Well Supply, Webster county well located Webster

LANDOWNER	description of formations encountered	from	to
Cumberland Water Association	Red Clay	0	18
Webster Co., Miss. (mailing address)	Light Blue Clay	18	65
	Dark Blue Clay	65	455
	White Chalk (Shoals of sand)	455	920
	Blue Clay (gummy)	920	1720
	Water Sand	1720	1830
	Sand (see gravel)	1830	1883
	Bottom	1883	

WELL LOCATION:  
 sec. 6 T. 20 N R. 12 E  
 SE 1/4 NW 1/4  
 (distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 8"

(2) total depth (feet) 1883

(3) static water level (feet) 224' below top of ground.

(4) casing Steel 1008' (material) (depth)  
 8" (size) If telescope see back.

(5) screen 42' 982' can't be (length) (depth to top)  
 4" 3045 stainless steel (size) (material)

(6) pump 25 150 (HP) (yield gpm)  
 electric (type power) USGS log # 17

(7) electric log Yes (yes or no)  
 Mission Geological Survey (organization running log)

(8) how well bottom plugged

APR 30 1968

MISS. BD. OF WATER COMM.

DRILLERS REMARKS:

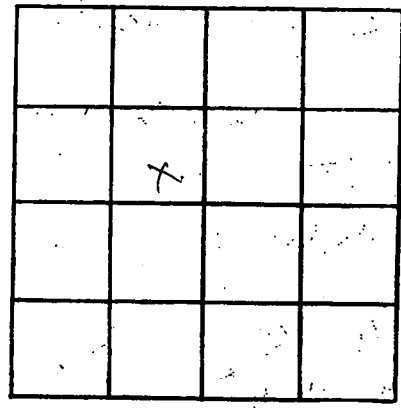
Cumberland Water Association  
 % Willard Stallings  
 Rt. 2, Box 518  
 Mahan, MS 38750  
 601-263-4811

②

If well telescopes please sketch and show depths.

K4

GROUND LEVEL



SECTION 6

Please indicate well location X.

ADDITIONAL INFORMATION

1008  
9 8" casing

Lead  
Seal

4" casing

42' 8"  
4" screen

982

42  
If more than one screen,  
show locations of each on sketch.

