

DOH 80015-01  
GW-12583

Vernon Quad

JUN 23 1975

WRD Exp. (GW)  
April 1966

Well No. Q1

E-109 #13

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B Source of data Bur Date 8.68 Map \_\_\_\_\_

State Miss 28 County (or town) Winston 80

Latitude: 32<sup>deg</sup> 59<sup>min</sup> 10<sup>sec</sup> N Longitude: 08<sup>degrees</sup> 85<sup>min</sup> 60<sup>sec</sup> 6 Sequential number: 1

Lat-long accuracy: 3 T. 13 S. R. 13 W. Sec 11 SE, SE, \_\_\_\_\_ B & M

Local well number: Q001DPI113N13E Other number: \_\_\_\_\_

Local use: 075013 270 65 Owner or name: Nanik Waiya Water

Owner or name: NANIK WAIYA 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, Inatit, 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: MSBON PARTIAL USGS 3-18-70

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

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

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 70 289 ft. 285 Meas. rept accuracy 3

Depth cased: (first perf.) 235 ft. Casing type: \_\_\_\_\_; Diam. 12 X 6 in 12

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, end, (P) open perf., (S) screen, sd. pt., (T) shored, (W) open hole, (X) other, (Z) \_\_\_\_\_ S

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

Date Drilled: 9.6.6 Pump intake setting: \_\_\_\_\_ ft. \_\_\_\_\_

Driller: \_\_\_\_\_ name (L) \_\_\_\_\_ address \_\_\_\_\_

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 hp U Trans. or meter no. \_\_\_\_\_

Descrip. MP 21 ft above \_\_\_\_\_ LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 510 Accuracy: (source) \_\_\_\_\_ 4

Water Level 91 ft above \_\_\_\_\_ below MP; Ft below LSD 89 Accuracy: \_\_\_\_\_ A

Date meas: 270 Yield: \_\_\_\_\_ gpm 226 Method determined \_\_\_\_\_ 4

Drawdown: \_\_\_\_\_ ft. 45 Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_ 21

QUALITY OF WATER DATA: Iron 1.9 ppm Sulfate 40 ppm Chloride 2.5 ppm Hard. 5 ppm

Sp. Conduct 37 < 50 K x 10<sup>6</sup> Temp. 64.5 °F 190 Date sampled \_\_\_\_\_ 3.70

Taste, color, etc. field pH - 5.0

12/7/88  
WL=90.14

DS=34

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

Q1

Well No. Q1

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: \_\_\_\_\_ Section: \_\_\_\_\_  
19 20 21

D Drainage Basin: 137 Subbasin: \_\_\_\_\_  
22 23 25 26

(D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (R) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_  
27

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series TE aquifer, formation, group LW  
28 29 30 31

Lithology: US Origin: 2 Aquifer Thickness: 50-130 ft  
32 33 34

50 Length of well open to: \_\_\_\_\_ ft 50 Depth to top of: \_\_\_\_\_ ft  
35 37 38 40 41 43

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

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

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

Intervals Screened: 235-285' 50' x 6" S

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_  
60 63 64

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_  
65 68 69

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_  
70 71 72

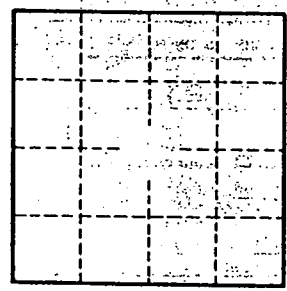
Coefficient Trans: 40,000 gpd/ft 403 Coefficient Storage: \_\_\_\_\_  
73 75 76 78

Coefficient Perm: 800 ? gpd/ft<sup>2</sup>; Spec cap: 6.5 gpm/ft; Number of geologic cards: \_\_\_\_\_  
77 79

5 WL 96' 1966 (opt drill)  
89' 1970 meas.

To R5

490 E → To Farm w/ grain bins take a right turn



Well No.

Q1

3 13T

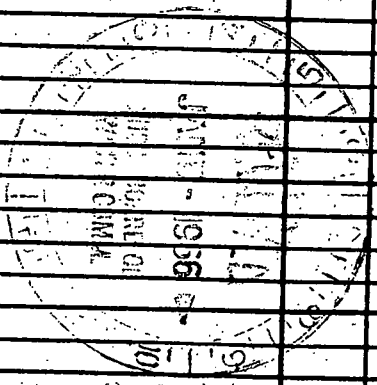
CODED

Winston
Q1
8-66
Elec Log

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

August 16, 1966 Layne-Central Company, Winston  
 date well completed firm name county well located

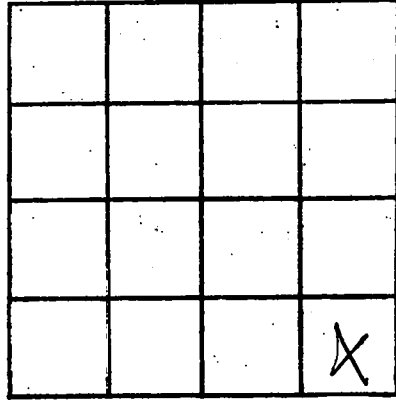
LANDOWNER: Nanih Waiya Water Association, Inc. Louisville, Mississippi (mailing address)	description of formations encountered	from	to
	Red Sand & Clay	0	42
	Sand & Clay Balls	42	71
	Rock	71	72
WELL LOCATION: sec. <u>11</u> T. <u>13</u> N. R. <u>13</u> E. Hiway 387 <u>8</u> <u>W</u> <u>15</u> miles <u>SE</u> of Louisville (distance) (direction) (nearest town)	Red Sand, Streaks of Clay Balls	72	200
	Sand	200	291
	Shale	291	295
WELL PURPOSE: domestic (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>12"</u>			
(2) total depth (feet) <u>288'</u>			
(3) static water level (feet) <u>96'</u> below top of ground.			
(4) casing <u>12"</u> <u>235'</u> (material) (depth) <u>        </u> If telescope see back. (size)			
(5) screen <u>50'</u> <u>235'</u> (length) (depth to top) <u>6"</u> <u>Stainless Steel</u> (size) (material)			
(6) pump <u>15</u> <u>183</u> (HP) (yield gpm) <u>Electric</u> (type power)			
(7) electric log <u>YES</u> (yes or no) <u>MISS. GEO. SURVEY</u> (organization running log)			
(8) how well bottom plugged <u>slugs</u>			
DRILLERS REMARKS:			



⊕

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION 11

Please indicate well location X.

ADDITIONAL INFORMATION

Horizontal lines for additional information.

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 11/13/96

UNIT DEQ #: 82859 FILE #: B111321B

HEALTH DEPT. #: 800015-01 ELEV. \_\_\_\_\_

USGS #: Q-1 OLWR #: GW-12583

OWNER: Nanah-Waiya W/A QUAD: VERNON

LOCATION: SE-SE  
NE-NE S 11 T 13N R 13E COUNTY: WINSTON

LOCATION DESCRIPTION: In Fence at Water Plant + Tanks at NW Corner  
of Intersection of Hwy 490 + Calhoun Rd. (Vernon)

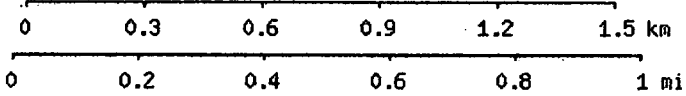
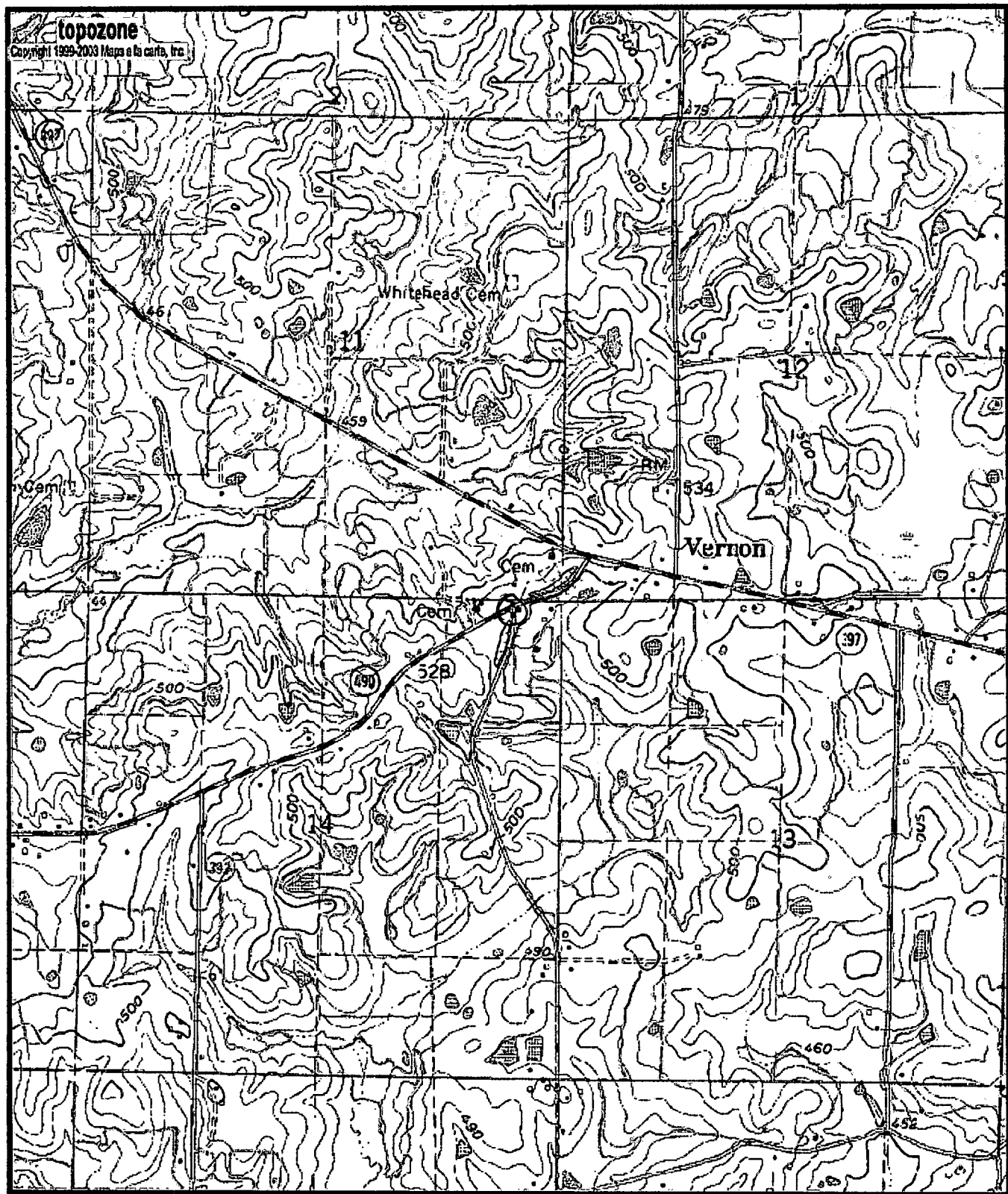
CASING DIA: 8"-10" PUMP TYPE & SIZE: Submersible

GPS FIELD LOCATION: LAT. 32° 59' 04.1" LONG. 88° 55' 57.1"

GPS CORRECTED LOCATION: LAT. 32.98433254 LONG. 88.93266517

REMARKS: GPS at Well.

\*(only 23 points)



Map center is 32.9843°N, 88.9327°W (WGS84/NAD83)

**Vernon** quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.517  
G=-1.053

DEH - 80015-01  
GW - 12583