

GW11097

Vaiden Quad JUN 16 1975

FORM 9-1642 (1-68)

Well No. 0-1

PUNCHED

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD JAC BGM Source of data BGM Date 8-20-75 12-24-74 8-7-81 Map 3 MI. S. OF VAIDEN

State 2 F County (or town) Carroll

Latitude: 33 16 21 N Longitude: 08 9 44 W Sequential number: 1

Local well number: 000 + B D 0 1 1 1 N 0 5 E Other number: B & M

Local use: 0 5 4 Owner or name: PREVIOUS OWNER WAS J. W. WADE

Owner or name: U. S. CATTLE CO Address: GREENWOOD

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.

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. U

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: no, period:

Structure cards:

Log data: D

WELL-DESCRIPTION CARD

Depth well: 232 Meas. accuracy 3

Depth cased; (first perf.): 237 Casing type: 12 X 8 in 12

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) 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) other H

Date Drilled: 7 5 1 Pump intake setting: ft 36 38

Driller: LAYNE CENTRAL 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 T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. Trans. or meter no. 5

Descrip. MP A.R. 1500 0-15d ft above below LSD, Alt. MP

Alt. LSD: 297 Accuracy: (source) 4

Water Level: 272 ft above below MP; Ft below LSD Accuracy: 4

Date meas: 0 6 2 Yield: 1200 gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm Sp. Conduct K x 10 Temp. F Date sampled

Taste, color, etc.

27.5' 95' 1/2"

Well No.

Well No. Q-1

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

HYDROGEOLOGIC CARD

Physiographic
 Province: 03 Section: _____

Drainage
 Basin: D Subbasin: 15K

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group MiW

Lithology: US Origin: 2 Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: 25 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:

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

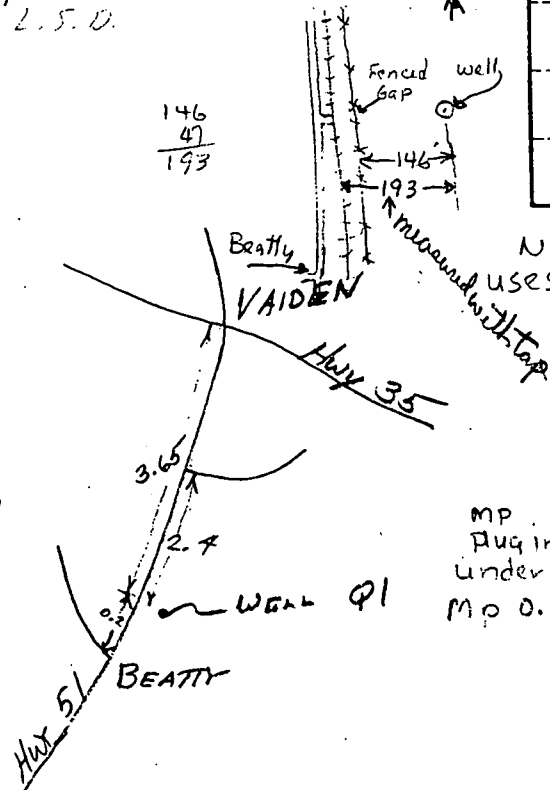
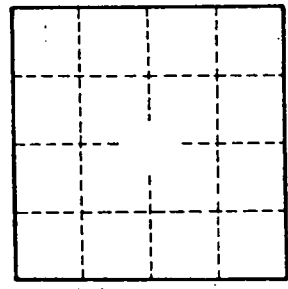
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

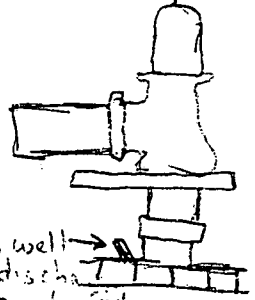
Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

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

9-1-93 well is 146 Due East of fence which is 47' E of E rail of RR Tracks
 Well is in line w/ old field road and Gap road
 know stops at RR 2.5.0.



NO power to pump uses auxillary power



MEAS. W.L. 1962
 4' below lsd.
 7-8-1976 @ 1350
 20.00 GJD
 7.32

 12.68
 -5.0

 7.68

CARROLL MISSISSIPPI BOARD OF WATER COMMISSIONERS

WATER WELL DRILLERS LOG

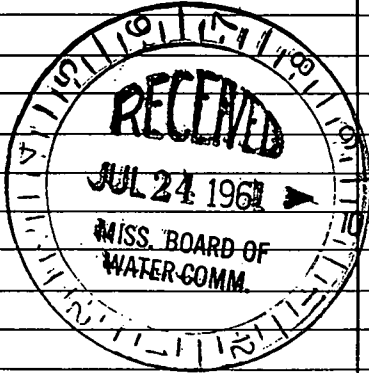
Q1
6-30-61

7/19/61
Jm

Date: June 30, 1961, Driller: Layne-Central Company, County Carroll

(Name)

| (1) Owner of Land: <u>L. W. Wade Planting Co.</u> (Name) | Description & Color of Materials Sand, Clay, Red Clay, Shell, etc. | Thick- ness Feet | Depth Feet |
|---|---|------------------------|---------------|
| <u>Greenwood, Mississippi</u> (Address) | Sandy red clay | 25 | 25 |
| (2) Location: <u>1/4, 1/4, Sec. T R</u> <u>3 miles south</u> of <u>Vaiden</u> (distance) (direction) (Nearest Town) | White sand | 31 | 6 |
| (3) Topography: <u>flat</u> (Hilly) (Flat) (Level) | Hard shale | 52 | 21 |
| (4) Purpose of Well: <u>irrigation</u> (Domestic Irrigation Municipal, Industrial, Other) | Brittle shale & sand | 72 | 20 |
| Information upon completion of well: (1) Diameter <u>12 x 8</u> inches. (2) Total Depth <u>332</u> feet. (3) Water Level <u>2' 1"</u> feet below top of ground. (4) Cased to <u>83'</u> , Size <u>12"</u> <u>154'</u> <u>8"</u> (5) Screen: Size <u>95'</u> , Length <u>8"</u> (6) Were any formations sealed against pollution? <u>X</u> yes, <u>no</u> . If YES depth of formation _____ Why _____ Drillers Remarks: _____ | Sand, strks. shale & | | |
| | lignite | 136 | 64 |
| | Gummy sandy shale | 142 | 6 |
| | Hard shale | 175 | 33 |
| | White sand, blue clay | | |
| | balls | 209 | 34 |
| | Blue clay | 219 | 10 |
| | Fine & coarse sand | 229 | 10 |
| | Blue gummy clay | 245 | 16 |
| | Sand & clay balls | 252 | 7 |
| White sand | 272 | 20 | |
| Coarse sand | 290 | 22 | |
| Gray clay | 293 | 3 | |
| Coarse sand | 351 | 58 | |
| Clay | 352 | 1 | |



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss.