

WELL SCHEDULE

Elog # 25

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTO Source of data Bowc Obs dr. ller Date 9-30-75 Map SLUDGE QUAD

State MS County QUITMAN 60

Latitude: 38 27 16 N Longitude: 09 01 20 3 Sequential number: 1

Lat-long accuracy: 2 7 10 24 SE SE SW SE

Local well number: A023CD2407510W Other well number: _____

Local use: 001025 Owner or name: KY-TENN CLAY CO Address: SLUDGE MS

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, Instat, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other X

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: _____

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

Aperture cards: _____

Log data: 160' - 1469' D.F

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1400 Meas. rept 3

Depth cased: 1370 Casing type: _____; Diam. 4x2 1/2 in 4

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

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

Date Drilled: 10-1-75 9:15 Pump intake setting: _____ ft _____

Driller: LIPE WELL & SUPPLY

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 2 T Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: 170 Accuracy: topo 3

Water Level: _____ ft above below MP; Ft below LSD F Accuracy: _____ D

Date meas: 075 Yield: _____ gpm 75 Method determined _____

Drawdown: _____ ft _____ Accuracy: _____ Pumping period _____ hrs _____

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ X x 10 6 Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

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

HYDROGEOLOGIC CARD

1 **SAME AS ON MASTER CARD** 19 **Physiographic Province:** 03 20 21 **Section:** _____

22 **Drainage Basin:** E 23 15E 24 25 **Subbasin:** _____ 26

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 _____ 27

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

Lithology: _____ **Origin:** 2 **Aquifer Thickness:** 90 ft 32 33 34 35

Length of well open to: _____ ft 30 36 **Depth to top of:** 1320 ft A32 37 38 39 40 41 42 43

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

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft 48 49 50

Length of well open to: _____ ft _____ 51 52 **Depth to top of:** _____ ft _____ 53 54 55 56 57 58 59

Intervals Screened: _____

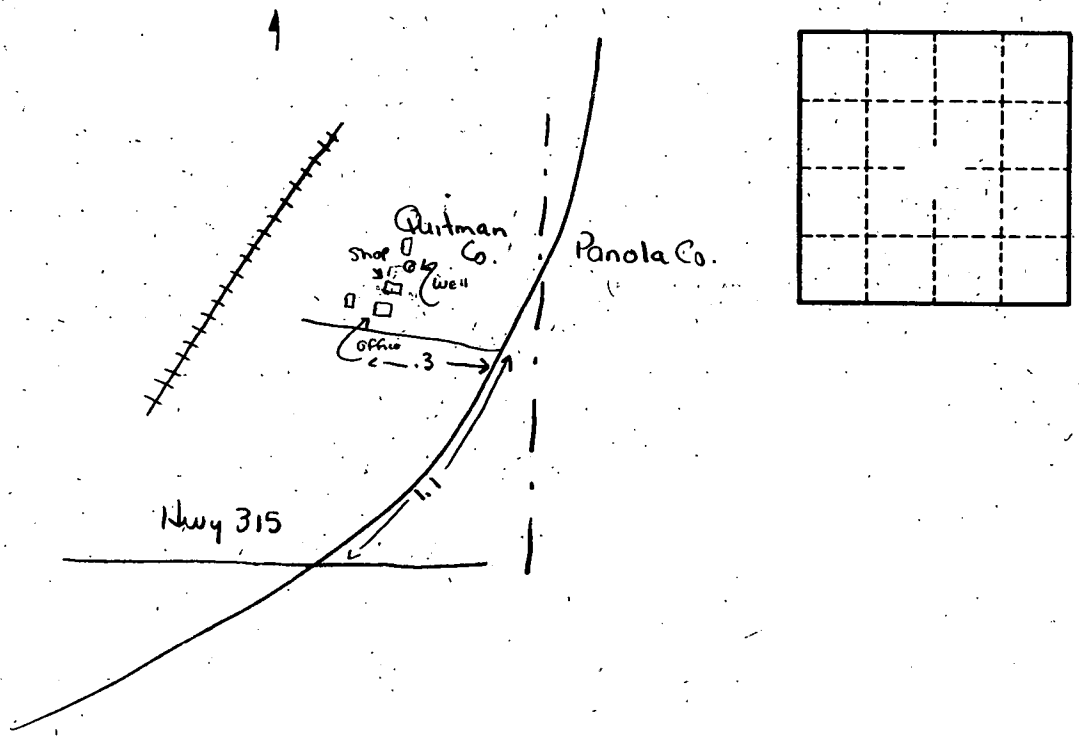
Depth to consolidated rock: _____ ft _____ 60 61 **Source of data:** _____ 64

Depth to basement: _____ ft _____ 65 66 **Source of data:** _____ 69

Surficial material: _____ 70 71 **Infiltration characteristics:** _____ 72

Coefficient Trans: _____ gpd/ft _____ 73 74 **Coefficient Storage:** _____ 76 77

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 78 79



Well No. _____

QUITMAN
A23
10-1-75
Flow # 25
10-1
 date well completed

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

CODED

WATER WELL DRILLERS LOG

1975 Life Well Co. Quitman
 firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>Kentucky Tenn. clay Co.</u>	<u>Top soil</u>	<u>0</u>	<u>20</u>
<u>Crenshaw Miss.</u>	<u>sand</u>	<u>20</u>	<u>40</u>
(mailing address)	<u>Clay</u>	<u>40</u>	<u>160</u>
WELL LOCATION:	<u>Clay</u>	<u>160</u>	<u>173</u>
sec. <u>25</u> T <u>7</u> N R <u>10</u> E	<u>Clay</u>	<u>173</u>	<u>193</u>
<u>2</u> miles <u>South</u> of <u>Crenshaw</u>	<u>Clay</u>	<u>193</u>	<u>213</u>
(distance) (direction) (nearest town)	<u>Clay</u>	<u>213</u>	<u>233</u>
WELL PURPOSE:	<u>Clay</u>	<u>233</u>	<u>253</u>
(home, irrigation, municipal, <u>Industrial</u>)	<u>sand and clay</u>	<u>253</u>	<u>273</u>
WELL COMPLETION DATA:	<u>sand and clay</u>	<u>273</u>	<u>293</u>
(1) diameter (inches) <u>4 x 2 1/2</u>	<u>sand and clay</u>	<u>293</u>	<u>313</u>
(2) total depth (feet) <u>1400</u>	<u>Clay</u>	<u>313</u>	<u>333</u>
(3) static water level (feet) <u>Flowing well</u> below top of ground.	<u>sand</u>	<u>333</u>	<u>353</u>
(4) casing <u>Steel</u> <u>1370</u> (material) (depth)	<u>Clay</u>	<u>353</u>	<u>373</u>
(size) If telescope see back.	<u>sand and clay</u>	<u>373</u>	<u>393</u>
(5) screen <u>30</u> <u>1370</u> (length) (depth to top)	<u>Clay</u>	<u>393</u>	<u>413</u>
<u>2 1/2</u> <u>3 Steel</u> (size) (material)	<u>Clay</u>	<u>413</u>	<u>433</u>
(6) pump <u>2</u> <u>75</u> (HP) (yield gpm)	<u>Clay</u>	<u>433</u>	<u>453</u>
<u>elec.</u> (type power)	<u>sand and clay</u>	<u>453</u>	<u>473</u>
(7) electric log <u>Yes</u> (yes or no)	<u>Clay</u>	<u>473</u>	<u>493</u>
<u>No</u> (organization running log)	<u>Clay</u>	<u>493</u>	<u>513</u>
(8) how well bottom plugged <u>Steel</u> <u>Plugged</u>	<u>Clay</u>	<u>513</u>	<u>533</u>
DRILLERS REMARKS:	<u>sand</u>	<u>533</u>	<u>553</u>
	<u>Clay</u>	<u>553</u>	<u>573</u>
	<u>Clay</u>	<u>573</u>	<u>593</u>
	<u>Clay</u>	<u>593</u>	<u>613</u>
	<u>sand and clay</u>	<u>613</u>	<u>633</u>
	<u>Clay</u>	<u>633</u>	<u>653</u>
	<u>Clay</u>	<u>653</u>	<u>673</u>
	<u>Clay</u>	<u>673</u>	<u>693</u>
	<u>Clay</u>	<u>693</u>	<u>713</u>
	<u>Clay</u>	<u>713</u>	<u>733</u>
	<u>Clay</u>	<u>733</u>	<u>753</u>
	<u>Clay</u>	<u>753</u>	<u>773</u>
	<u>Clay</u>	<u>773</u>	<u>793</u>
	<u>sand</u>	<u>793</u>	<u>813</u>
	<u>Clay</u>	<u>813</u>	<u>833</u>
	<u>Clay</u>	<u>833</u>	<u>853</u>
	<u>Clay and sand</u>	<u>853</u>	<u>873</u>
	<u>Clay</u>	<u>873</u>	<u>893</u>
	<u>Clay</u>	<u>893</u>	<u>1013</u>