

WRD Exp. (GW)
April 1966

Well No. F-20

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by U. E. ... Source of data MOBC Date 12-14-67 Map V. Houston East

State TX County (or town) 017

Latitude: 33° 09' 09" N Longitude: 098° 56' 17" W Sequential number: 1

Local well number: F020BA0113503E Other number: U.S. Forest Serv.

Local use: 064 Owner or name: U S FOREST SERV Address: ...

Ownership: County (F) Fed Gov't City, Corp or Co, Private, State Agency, Water Dist F

Use of water: (S) Stock

Use of well: (U) Unused

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

Hyd. lab. data:

Qual. water data; type: M300H 9/67 USGS 12/67

Freq. sampling: Pumpage inventory:

Appetite cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: TD 961' ft 955 Meas. accuracy

Depth cased (first perf.): 914 ft Casing type: steel Diam. 6x4 in

Finish: porous concrete, gravel w. horiz. screen, gravel w. screen, open perf., screen, sd. pt., shored, open hole, other S

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

Date drilled: May 1964 964 Pump intake setting: ft

Driller: Ray ... name address

Lift (type): (T) air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep Shallow

Power (type): 10 H.P. Trans. or meter no. 4

Descrip. MP air vent at 1' 390' (10/89) ft above below LSD . Alt. MP

Alt. LSD: 400 Accuracy: 400

Water Level: 185 ft above below MP; Ft below LSD 184 Accuracy: 184

Date meas: 12-14-67 Yield: 80 gpm 80 Method determined

Drawdown: 20 ft Accuracy: 20 Pumping period hrs

QUALITY OF WATER DATA: Iron 1.5 Sulfate 0.2 Chloride 72 Hard 25

Sp. Conduct: 458 K x 10⁶ 3 Temp. °F 73 Date sampled

Taste, color, etc. PH 8.2 CO2-0

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL NO.

F20

5/12/88
1988
W.L. = 243

DS = 256

Well No. F-20

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: 13E Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) offshore, pediment, (S) hillside, (E) terrace, (F) undulating, (H) valley flat, (K) (L) (U) (V) 27

MAJOR AQUIFER: K3 Eutaw E2
system series aquifer, formation, group

Lithology: US Origin: G Aquifer Thickness: _____ ft

Length of well open to: _____ ft 41 Depth to top of: _____ ft 89.8

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: 41'-2" of 4" screen 914'-985'

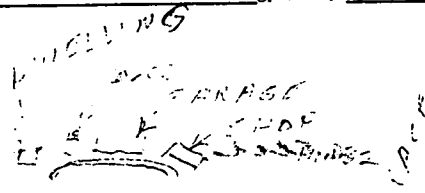
Depth to consolidated rock: _____ ft _____ Source of data: _____ 64

Depth to basement: _____ ft _____ Source of data: _____ 69

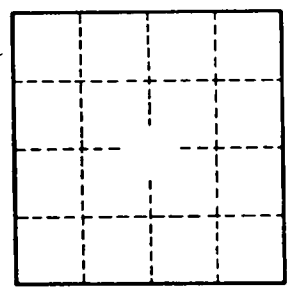
Surficial material: _____ Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 76 _____ 78

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



4 ft BPU
2 ft tail-pipe



WL K 1.5" →
WL 177.8 - 5-6-64

[Faint, mostly illegible handwritten notes and signatures at the bottom of the page.]

CHICKASAW MISSISSIPPI BOARD OF WATER COMMISSIONERS

F-20
5-6-64

CODE

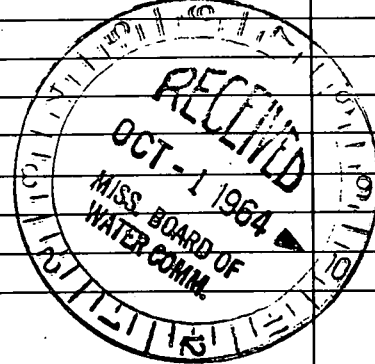
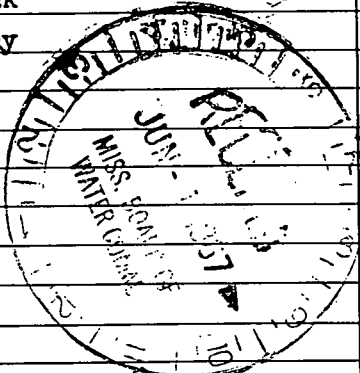
WATER WELL DRILLERS LOG

9/18/64
C. COOPER

Date: May 6, 1964, Driller: Layne-Central Company County Chicasaw

(Name)

U.S. Department of Agriculture		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: Trace Work Center (Name) Houston, Mississippi		Red Sandy clay	14	14
(2) Location: 1 1/2 miles west of Trace Parkway on Highway 32. NW 1/4, NE 1/4, Sec. 1 T3R3		Blue clay	4	18
1 1/2 miles west of Trace Parkway (distance) (direction) (Nearest Town)		Line stone	20	38
(3) Topography: hilly (Hilly) (Flat) (Level)		Clay	86	124
(4) Purpose of Well: domestic (Domestic Irrigation Municipal, Industrial, Other)		Shale	6	150
Information upon completion of well:		Clay	26	164
(1) Diameter 6x4 inches.		Hard shale	61	225
(2) Total Depth 961 feet.		White clay	50	275
(3) Water Level 177' 8" feet below top of ground. 41' - 5" 4" galv.		Line stone	285	560
(4) Cased to 871' - 3" Size 6" 28' - 9" lap 4"		Clay	37	597
(5) Screen: Size 4" Length 41' - 2" 4' - 6" B.P.V. 4" 2' of 4" Tail Pipe		Rock	9	606
(6) Were any formations sealed against pollution? yes yes, no.		Shaly clay	116	722
If YES depth of formation. Packer above the screen. mechanical seal above the blank and B.P.V. at bottom. Why		Fine sand strks. shale	176	898
Drillers Remarks:		Sand	57	955
		Rock	1	956
		Clay	5	961



Well No.

(Use Back Side)

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