

WELL SCHEDULE GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

Woodland Quad. WATER RESOURCES DIVISION

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

Record by B.D. Source of data BOWC Date 12-70 Map County Chickasaw State 28 Latitude 33 50 15 N Longitude 089 01 30 W. Sec 30 Local well number: K044 3014503E Local use: 092 Owner or name: W. LANCASTER Address: Houston, MS. Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P Use of water: (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other H Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed. W DATA AVAILABLE: Well data, Freq. W/L meas., Field aquifer char. Hyd. lab. data, Qual. water data, type, Freq. sampling, Pumpage inventory, Aperture cards, Log data.

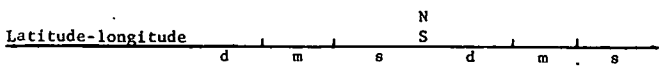
WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 206 ft Meas. 3 Depth cased: 85 ft Casing type: 4 Finish: (P) oper. perf. (X) shord, open hole Method: (H) air bored, (I) cable, (J) dug, (K) hyd jetted, (L) air percussion, (M) reverse, (N) rotary, (O) driven, (P) wash, (Q) other Drilled: 970 Pump intake setting: Driller: Ashley name address Lift: (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: (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. Trans. or meter no. Descrip. MP above ft below LSD, Alt. MP Alt. LSD: Water Level: 69 ft above MP; 69 ft below LSD Accuracy: Date meas: 070 Yield: gpm Pumping period: hrs Drawdown: ft Accuracy: hrs Method determined: QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm Sp. Conduct K x 10 Temp. °F Date sampled Taste, color, etc.

Wilborn Lancaster 4526-3913 Mrs Walker Lancaster Anchor 436-3610

Well No. K44

Well No. K4



HYDROGEOLOGIC CARD

Physiographic Province: 03 Section: _____

Drainage Basin: D **Subbasin:** 13E

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group RI

Lithology: S Origin: 6 Aquifer Thickness: 40 ft

Length of well open to: _____ ft Depth to top of: 166 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: Perf. Pipe

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

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

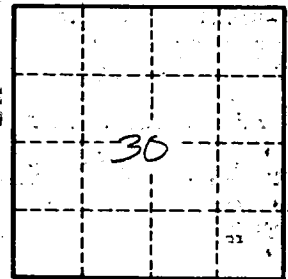
Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

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

Casing 4" to 85' (in lime rock)

Open Hole 85 - 143'

Perf Pipe - 143 - 206'



Surface sd + clay	0-35 ft
Gray sd, shale, rock	35-85
Lime rock	85-166
Caprock over water sand	166-206

CHICKASAW MISSISSIPPI BOARD OF WATER COMMISSIONERS

K44
12-10-70

WATER WELL DRILLERS LOG

CODED

Date: 12-10, 1970, Driller: R S Ashby County Chickasaw
(Name)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Mr William Lancaster</u> (Name) <u>Houston Miss</u> (Address)		surface band of clay 5	35	35
(2) Location: $\frac{1}{4}$, $\frac{1}{4}$, Sec. <u>30</u> T <u>14</u> R <u>3E</u> <u>3</u> miles <u>South</u> of <u>Houston</u> (distance) (direction) (Nearest Town)		From 35' to 85 1/2' grey sand Rock from 6" to 3' apart grey shale between Rocks.	50	85 1/2
(3) Topography: <u>X</u> (Hilly) (Flat) (Level)		at 4" case of 85 1/2' in lime Rock		
(4) Purpose of Well: <u>New Home</u> (Domestic Irrigation Municipal, Industrial, Other)		From 85' to 166' lime Rock. some hard rock. from 20' to 20' apart	81	166 1/2

Information upon completion of well:

- (1) Diameter 4 inches.
- (2) Total Depth 206 1/2 feet.
- (3) Water Level 69 feet below top of ground.
- (4) Cased to 85-6", Size 4"
- (5) Screen: Size Perf Pipe 2 1/2" Length 63'
- (6) Were any formations sealed against pollution?
X yes, no.

If YES depth of formation 48'

Why mineral water unuseable

Drillers Remarks: I did not drive through water bearing and I think the sand depth there is about 60'. There is about 6' of grey shale 20' down in sand
(Use Back Side)

Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
surface band of clay 5	35	35
From 35' to 85 1/2' grey sand Rock from 6" to 3' apart grey shale between Rocks.	50	85 1/2
at 4" case of 85 1/2' in lime Rock		
From 85' to 166' lime Rock. some hard rock. from 20' to 20' apart	81	166 1/2
Cap Rock over water. 126" thick from 166 1/2' to 206' hard	40'	206 1/2

CODED

DEC 11 1970

MISS. BD. OF
WATER COMM.

Well No.

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