

loc. quest. - no sketch

FORM 9-1642 (1-68)

Well No. L 21

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. Shell Source of data BOWC Date 2/69 Map Buena Vista
 State 28 County (or town) Chickasaw 09
 Latitude: 33° 53' 22" N Longitude: 088° 50' 01" W Sequential number: 1
 Lat-long accuracy: 3 T. 19 S. R. 4 Sec. 1 SW, NW, SE
 Local well number: L021 PD0114S04E Other number: _____ B & M.
 Local use: 021 Owner or name: D. THOMPSON Address: Buena Vista

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist P
 Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H
 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: yes no; period:
 Aperture cards: yes
 Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 660 ft Meas. rept. accuracy 24
 Depth cased (first perf.): 30 ft Casing type: Steel; Diam. in 5
 Finish: (C) porous concrete, (F) gravel w. (C) gravel w. (H) horiz. (P) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, other X
 Method: (A) air rot., (B) bored, (C) cable, (D) dug, (H) hyd jetted, (J) air rot., (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other H
 Date Drilled: 968 Pump intake setting: _____ ft

Driller: _____
 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
 Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. 74 Trans. or meter no. _____

Descrip. MP _____ ft above _____ ft below LSD, Alt. MP _____
 Alt. LSD: 345 Accuracy: (source) 5
 Water Level 160 ft above below MP; Ft. above below LSD 160 Accuracy: 0
 Date meas: D68 Yield: _____ gpm 5 Method determined 61
 Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs
 QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm
 Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

PUNCHED AND VERIFIED FOLLOWING SECTION BRANCH

Well No.

L 21

Well No. L 21

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 0.3 Section: _____

Drainage Basin: D 13E Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat, (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) _____

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

Lithology: _____ Origin: 6 Aquifer Thickness: 110 ft

Length of well open to: _____ ft 110 Depth to top of: _____ ft 550

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: open well

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

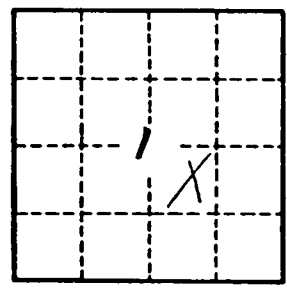
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

Red clay 0-23 ft
Blue clay 23-230 oe
White chalk 230-550
Sand, silts shale 550-660



Well No.

 L 21

Chickasaw
 L 21 CODED
 12-19-68

MISSISSIPPI BOARD OF WATER COMMISSIONERS

CODED

CODED

WATER WELL DRILLERS LOG

CODED

Date: 12-19, 1968, Driller: Herndon-Homan Well & Supply, Inc.
 (When well drilled) P. O. Box 42 County Chickasaw
SHANNON, MISSISSIPPI 38888 (Where well is located)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land:	<u>Service Thompson</u> (Name) <u>Buena Vista, Miss</u> (Address)	<u>0-23 red clay</u>		
(2) Location:	<u>NW 1/4, SE 1/4, Sec. 1 T14R1E</u> <u>1/4 miles N</u> of <u>Buena Vista</u> (distance) (direction) (Nearest Town)	<u>23-230 blue clay</u> <u>230-550 white drk</u>		
(3) Topography:	<u>flat</u> (Hilly) (Flat) (Level)	<u>550-660 sand streak</u> <u>shale</u>		
(4) Purpose of Well:	<u>Home</u> (Domestic Irrigation, Municipal, Industrial, Other)			

Information upon completion of well:

- (1) Diameter 5 inches.
 (2) Total Depth 660 feet.
 (3) Water Level 160 feet below top of ground.
 (4) Cased to 30', Size 5" steel.
 (5) Screen: Size 10, Length _____.
 (6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation _____

Why surface & sand

Drillers Remarks: _____

Yield in gpm: 5

Size pump: 3/4

Type power: electric

CODED

12-3 1968

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