

EI

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

MASTER CARD (REGISTRATION 7-1-63)

Record by: L.A. Callahan Source of data: Driller Date: 12-14-66 Map: _____

State: Miss County: 28 (or town) Jackson (Loup) Sequential number: 31

Latitude: 32° 04' 00" N Longitude: 089° 15' 30" W

Lat-long accuracy: 3' T. 3 S, R. 10 W, Sec. 27, SE k, NW k, SE k

Local well number: E 0 0 1 B D 2 7 0 3 N I D E Other number: _____

Local use: 064 Owner or name: Town of Louisa Address: Louisa Miss.

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Mad, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Inact, (O) Unused, (P) Repressure, (Q) Recharge, (R) Desal-P S, (S) Desal-other, (T) Other S

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed J

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

Hyd. lab. data: _____

Qual. water data; type: USGS Complete 11-28-67

Freq. sampling: original Pumpage inventory: yes, no, period: _____

Aperture cards: _____

Log data: Electric log 4 Drillers log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 435 ft Meas. accuracy: 3

Depth cased: 380 ft Casing type: Steel Diam. 6 1/4 in

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot, (F) jacked, (G) air percussion, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other H

Date Drilled: 7-1-63 Pump intake setting: _____ ft

Driller: Layne, Jackson Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submers, (K) turb, (L) other T Deep D

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 10 Trans. or meter no. U

Descrip. MP: breather hole in pump base 3.0 ft above below LSD. Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____

Water Level: 78.92 ft above below MP; F. 76 above below LSD Accuracy: measured

Date mea: 12-7-66 Yield: D 66 gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hr

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

Sp. Conduct: 950 K x 10⁶ Temp. 74 Date sampled: 11-29-67

Taste, color, etc. PH=7.3 CO2=13

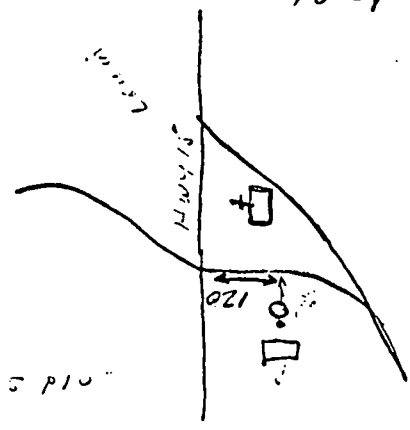
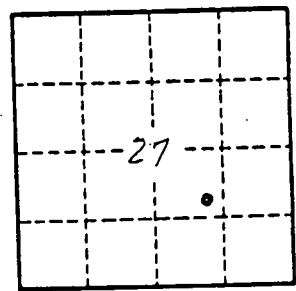
Well No.

Latitude-longitude 32.04.00 ^N 089.15.30 _W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: _____
 Physiographic Province: _____
D Drainage Basin: 130 Subbasin: _____
 (D) (C) (E) (F) (H) (K) (L)
 Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp.
 well site: (O) (P) (S) (T) (U) (V) _____ S
 offshore, pediment, hillside terrace, undulating, valley flat
 MAJOR Aquifer: Tertiary Eocene TE Cockfield Clairmont C D
 system series aquifer, formation, group
 Lithology: Fine Sand S Origin: d. h.c. 3 Aquifer Thickness: 65 ft
65 Length of well open to: 40 ft 40 Depth to top of: 380 ft 380
 MINOR Aquifer: _____ aquifer, formation, group
 system series _____ Aquifer Thickness: _____ ft
 Lithology: _____ Origin: _____ Depth to top of: _____ ft
390 to 430
 Intervals Screened: _____
 Depth to consolidated rock: _____ ft _____ Source of data: _____
 Depth to basement: _____ ft _____ Source of data: _____
 Surficial material: D.X Infiltration characteristics: _____
 Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____
 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

100,000 gal Storage [Elec.]
 40' of 4" screen



40 feet of 4" screen.
 Elec log #81
 6-317
 Mud Res. 6.6 @ 92°F

	Thick	Depth
red sandy clay	20	20
gummy clay	10	20
fine fine sand	10	40
blue gummy clay	42	82
clay st. fine sand	10-92	
blue gummy clay	102-194	
cuttle clay	0	194-285
white chalky sh. Soap stone	1-1	332
Shale + shell	40	372
hard blue shale	8	380
fine sand st. shale	10	390
fine sand.	45	435