

WRD Exp. (GW)  
April 1966

Well No. L20

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by J. Harrell Source of data Bowc. Date 8/2/68 Map \_\_\_\_\_

State 28 County (or town) Leake 40

Latitude: 324436 N S Longitude: 0893035 Sequential number: 1

Lat-long accuracy: 5 T. S, R. W. Sec. \_\_\_\_\_ B & M

Local well number: 4020060NO8E Other number: \_\_\_\_\_

Local use: 046 Owner or name: \_\_\_\_\_

Owner or name: L. H. HORN Address: Crutcher

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

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: yes  no  period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_ yes  no

Log data: \_\_\_\_\_ D

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft 133 Meas. rept \_\_\_\_\_ 3

Depth cased: (first perf.) \_\_\_\_\_ ft 127 Casing type: \_\_\_\_\_; Diam. 2 in \_\_\_\_\_

Finish: porous concrete, gravel w. (perf.), (screen), gravel w. (screen), gallery, end, horiz. open perf., screen, sd. pt., shored, open hole, other \_\_\_\_\_ 5

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

Date Drilled: 5/62 9:62 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: \_\_\_\_\_ name \_\_\_\_\_ address \_\_\_\_\_

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. \_\_\_\_\_ Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD. Alt. MP \_\_\_\_\_

Alt. LSD: \_\_\_\_\_ Accuracy: (source) \_\_\_\_\_

Water Level 68 ft above \_\_\_\_\_ ft below \_\_\_\_\_ MP: Ft \_\_\_\_\_ LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_

Date meas: 5:62 Yield: 7 1/2 gpm \_\_\_\_\_ Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft \_\_\_\_\_ Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

QUALITY OF WATER DATA: Iron \_\_\_\_\_ ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_

Sp. Conduct \_\_\_\_\_ K x 10 \_\_\_\_\_ Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

PURCHASED AND VERIFIED  
ROLLA CORPORATION PRINTED

Well No.

L20

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 137 Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: TE aquifer, formation, group SS

Lithology: US Origin: 2 Aquifer Thickness: ≥ 70 ft

Length of well open to: \_\_\_\_\_ ft. Depth to top of: \_\_\_\_\_ ft. 63

MINOR AQUIFER: \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft. Depth to top of: \_\_\_\_\_ ft.

Intervals Screened: 127-133' 1 1/4"

Depth to consolidated rock: \_\_\_\_\_ ft. Source of data: \_\_\_\_\_

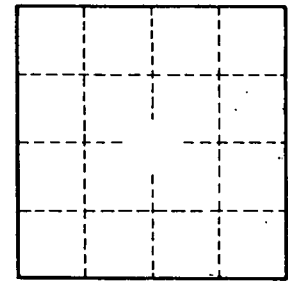
Depth to basement: \_\_\_\_\_ ft. Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft. Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_

*3 miles N/E of Carthage*



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