

WRD Exp. (GW)  
April 1966

PUNCHED and VERIFIED Well No. C6  
ROLLA COMPUTATION BRANCH  
WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. A. Callahan Source of data MBOWL Date 5-23-67 Map Miss. Hwy Map

State MISS 28 County (or town) Jasper 31

Latitude: 32<sup>deg</sup> 11<sup>min</sup> 16<sup>sec</sup> N Longitude: 089<sup>degrees</sup> 63<sup>min</sup> 15<sup>sec</sup> W Sequential number: 1

Lat-long accuracy: 2<sup>sec</sup> T. 4<sup>sec</sup> S, R. 12<sup>sec</sup> W, Sec 15 NE 1/4, SE 1/4, B & M

Local well number: G006AD1504N12E Other number: \_\_\_\_\_

Local use: 026 Owner or name: Robert Lopez

Owner or name: ROBERT LOPEZ Address: Rose Hill, Miss.

Ownership: (C) County, Fed Gov't, City, Corp or Co, (P) Private, (S) State Agency, Water Dist \_\_\_\_\_ P

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) P S, (P) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) 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: yes \_\_\_\_\_ no \_\_\_\_\_ period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: Drillers 109 \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 126 ft 126 Meas. 6 accuracy

Depth cased: 120 ft 120 Casing type: steel; Diam. 2 in

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

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) jetted, (E) air percussion, (F) reverse, (G) trenching, (H) driven, (I) drive wash, (J) other \_\_\_\_\_ H

Date Drilled: 8-31-60 9:60 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Forest Drilling Forest Miss

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

Power (type): diesel, elec nat gas, gasoline, hand, gas, wind; H.P. 1 Trans. or meter no. S

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

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

Water Level: 50 ft above \_\_\_\_\_ below MP; Ft. above \_\_\_\_\_ below LSD 50 Accuracy: feet

Date meas: 8-31-60 8:60 Yield: \_\_\_\_\_ gpm Method determined \_\_\_\_\_

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

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

Sp. Conduct 230 K x 10<sup>6</sup> 2 Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. Fe stain H<sub>2</sub>S smell

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Latitude-longitude 32 11 16 089 03 15

HYDROGEOLOGIC CARD

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

D Drainage Basin: 13P Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (P) (H) (K) (L) (S) (P) (6) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: Tertiary Eocene TE Sparta Sand SS

Lithology: Medium grain sand 35 Origin: Deltaic 3 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 6 ft Depth to top of: 84 ft

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

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

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

Intervals Screened: 120-126

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

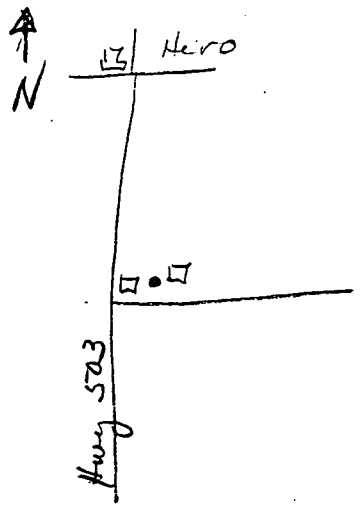
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: Clayey sand 6-9 Infiltration characteristics: \_\_\_\_\_

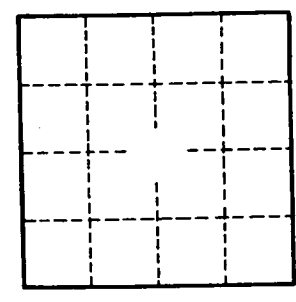
Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

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

6' of 1 1/4" screen.



- Surface clay & sand 0-18
- Blue Clay trace of Sand 18-30
- Fine gray sand 30-38
- Dark Clay & Sand 38-84
- Medium fine grained Sand 84-105
- Medium coarse S. 105-126



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