WRD Exp. (GW)
April 1966

Well No. Ø7

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

MASTER CARD

Record by Springfield & Brown Source of data G. A. Wilson Date 5-16-38 Map Swan Lake

State Mississippi [28] County (or town) Washington [76]

Latitude: [33 10 11 N] deg min sec Longitude: [090 56 10] degrees min sec Sequential number: [2]

Lat-long accuracy: [2] T. 15 (N) S, R 7 (W) Sec 8, NE ¼, NE ¼, ___ ¼ B & M

Local well number: [Ø 0 0 7 A A 0 8 1 5 N 0 7 W] Other number: ___

Local use: ___ Owner or name: Leroy Percy State Park

Owner or name: LEROY PERCY SP. Address: ___

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist [5]

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other [U]

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed [U]

DATA AVAILABLE: Well data ___ Freq. W/L meas.: ___ [Ø] Field aquifer char. ___

Hyd. lab. data: ___

Qual. water data; type: USGS [C]

Freq. sampling: ___ [Ø] Pumpage inventory: yes / no, period: ___

Aperture cards: ___ yes

Log data: ___

WELL-DESCRIPTION CARD

[SAME AS ON MASTER CARD] Depth well: 1780 ft [1780] Meas. rept accuracy [6]

Depth cased: (first perf.) ___ ft Casing type: Black iron; Diam. 4 in [4]

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (Ø) open end, (P) perf., screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other [5]

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

Date Drilled: 1934 [934] Pump intake setting: ___ ft

Driller: O. A. Hanna (name), Jackson, Miss. (address)

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (cent.), (M) multiple, (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other [N] Deep ___ Shallow ___

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

Descrip. MP Well elbow, which is 2.7 ft above below LSD. Alt. MP 108.68

Alt. LSD: 105.98 [1106] Accuracy: (source) instrument [0]

Water Level +94.3 ft above below MP; Ft above below LSD [+98] Accuracy: [H]

Date meas: 2-24-39 [2 3 9] Yield: 52 gpm [52] Method determined ___

Drawdown: ___ ft Accuracy: ___ Pumping period ___ hrs

QUALITY OF WATER DATA: Iron ___ ppm Sulfate ___ ppm Chloride 27 ppm Hard. ___ ppm

Sp. Conduct ___ K x 10^6 Temp. 97.4 °F [97] Date sampled [538]

Taste, color, etc.

Well No. Ø7

Well No. φ 1

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

)ROGEOLOGIC CARD

ME AS ON MASTER CARD (19)	Physiographic Province: Coastal Plain [0 3] (20–21) Section: Miss. River
ial plain [E] (22)	Drainage Basin: [1 5 I] (23–25) Subbasin: ___ [ ] (26)

of site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (φ) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat — circled: (V) — [V] (27)

R FER: Tertiary (system), Eocene (series) [T E] (28–29) Meridian – upper Wilcox (aquifer, formation, group) [M W] (30–31)

ology: Unconsolidated sand [U S] (32–33) Origin: Deltaic [3] (34) Aquifer Thickness: ___ ft

[ ] (37) Length of well open to: ___ ft [ ] (38–40) Depth to top of: ___ ft [ ] (41–43)

R FER: ___ (system), ___ (series) [ ] (44–45) ___ (aquifer, formation, group) [ ] (46–47)

ology: ___ [ ] (48–49) Origin: ___ [ ] (50) Aquifer Thickness: ___ ft

[ ] (53) Length of well open to: ___ ft [ ] (54–56) Depth to top of: ___ ft [ ] (57–59)

rvals ened: ___

h to olidated rock: ___ ft [ ] (60–63) Source of data: ___ [ ] (64)

h to nent: ___ ft [ ] (65–68) Source of data: ___ [ ] (69)

icial rial: ___ [ ] (70–71) Infiltration characteristics: ___ [ ] (72)

ficient g: ___ gpd/ft [ ] (73–75) Coefficient Storage: ___ [ ] (76–78)

ficient : ___ gpd/ft^2; Spec cap: ___ gpm/ft; Number of geologic cards: ___ [ ] (79)

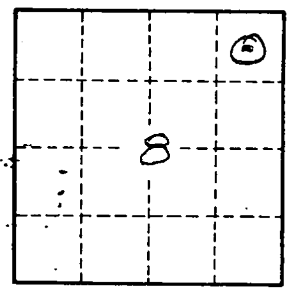
15,000 gal in 62 hr = 52.4 gpm

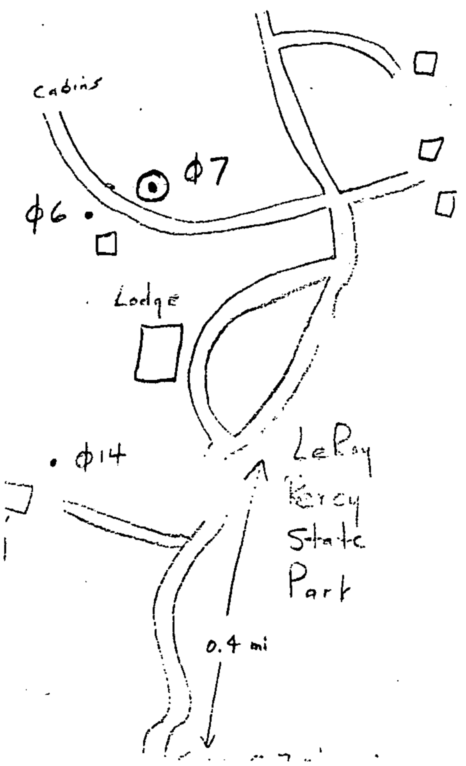
Reported 250 g in 1935

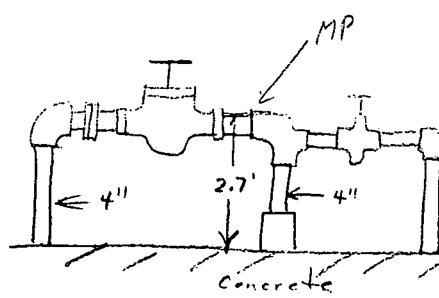
45# probably correct

41.2
2.3
1236
824
94.76

Well was closed only a few min. for this reading.







4.5 mi Hollandale

GPO 857–700

5-8-68 (WL cannot be obtained at present)

Well No. φ7