

JUL 23 1972

NOV 14 1972

FORM 9-1642 (1-68)

Well No. F44

WELL SCHEDULE  
GEOLOGICAL SURVEY

#34 on Test Hole F35  
WATER RESOURCES DIVISION

U. S. DEPT. OF THE INTERIOR

PUNCHED  
AUG 6 1973

MASTER CARD

Record by G.J. Dalsin Source of data Chris J. Dardaman, P.E. Obs. Date 10-28-1971 Map

State 28 County Lafayette (or town) LaFayette 36

Latitude: 34<sup>deg</sup> 21<sup>min</sup> 42<sup>sec</sup> N Longitude: 089<sup>deg</sup> 31<sup>min</sup> 54<sup>sec</sup> W Sequential number: 2

Lat-long accuracy: 2 T. 8 N. 3 Sec 29, NW, NE, NE

Local well number: F044A, B2908, S03W Other number: 1

Local use: 064 072 15 Owner or name: University of Miss.

Owner or name: UNIV OF MISS Address:

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, Other 7

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (P) Obs, (R) Oil-gas, (T) Recharge, (U) Test, (W) Withdraw, (X) Waste, (Z) Destroyed. 7

DATA AVAILABLE: Well data 0 Freq. W/L meas.: 0 Field aquifer char. 7

Hyd. lab. data: 0

Qual. water data; type: 0 NOV. 72

Freq. sampling: 0 Pumpage inventory: 0 yes 0 no 0 period: 0

Aperture cards: 0 yes 0

Log data: 0

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 530 ft Meas. rept accuracy 0

Depth cased: 460 ft Casing type: 0; Diam. 20 in 20

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. screen, (H) horiz. gallery, (I) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other 0

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd rot., (H) jetted, (J) percussion, (P) rotary, (R) reverse trenching, (T) driven, (V) wash, (W) drive, (Z) other 0

Date Drilled: 10 1971 9 7 1 Pump intake setting: 0 ft 0

Driller: Singer-Layne Central, Memphis, Tenn.

Lift (type): (A) air, (B) bucket, (C) cent, (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, other T Deep D Shallow 0

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 0 Trans. or meter no. 0

Descrip. MP hole in pump base 2/3 (ft) above below LSD, Alt. MP 0

Alt. LSD: 470 Accuracy: (source) 0

Water Level 168 ft above below MP; Ft above below LSD 167 Accuracy: 0

Date meas: 10-22-1971 0 7 1 Yield: 1000 gpm 0 Method determined 0

Drawdown: 0 ft Accuracy: 0 Pumping period 0 hrs 0

QUALITY OF WATER DATA: Iron 0 Sulfate 0 Chloride 0 Hard. 0 Sp. Conduct 155 K x 10<sup>6</sup> 0 Temp. 85 °F Date sampled NTZ

Taste, color, etc. pH = 7.9

Well No. F44

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

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

D Drainage Basin: 15F Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (S) offshore, pediment, (S) hillside, (T) terrace, undulating, valley flat. 27 5

MAJOR AQUIFER: system \_\_\_\_\_ series TE aquifer, formation, group LW

Lithology: \_\_\_\_\_ Origin: fluvial 2 Aquifer Thickness: \_\_\_\_\_ ft

85 Length of well open to: \_\_\_\_\_ ft 70 Depth to top of: \_\_\_\_\_ ft 445

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: 12" shutter screen 460-530'

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

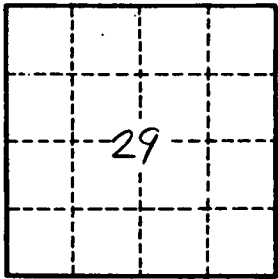
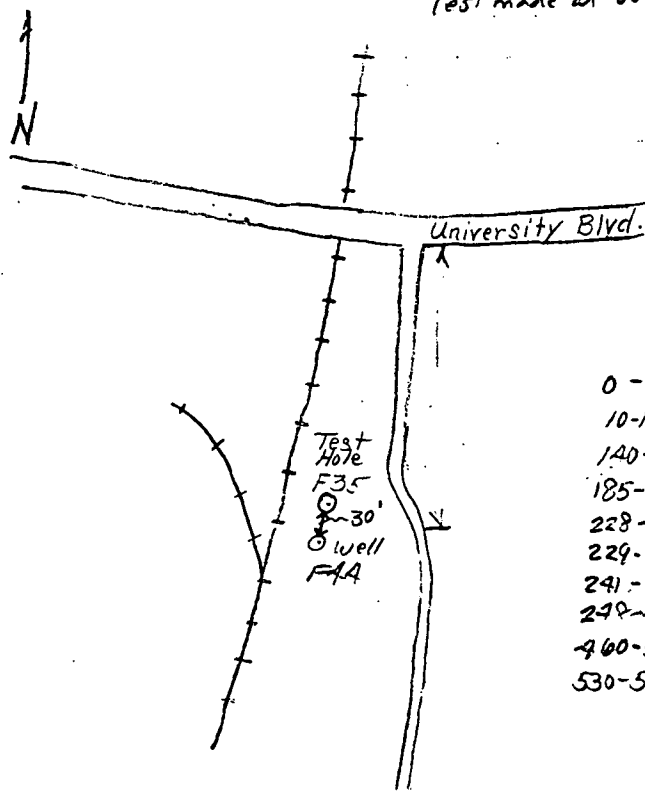
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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

Coefficient Trans: \_\_\_\_\_ gpd/ft 303 Coefficient Storage: \_\_\_\_\_

Perm: 350 gpd/ft<sup>2</sup>; Spec cap: 15 gpm/ft; Number of geologic cards: \_\_\_\_\_

Test made at 800 gpm



- 0 - 10 sandy clay
- 10-140 sd
- 140-185 cl
- 185-228 sdy cl.
- 228-229 Rock
- 229-241 clay
- 241-248 rock and clay
- 248-460 sdy cl-rock str
- 460-530 sd
- 530-543 cl

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