

WRD Exp. (GW)  
April 1966

Well No. E5

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**FUNCTIONED and VERIFIED**  
ROLLING STATION BRANCH

#### MASTER CARD

Record by P.E. Grantham Source of data Over Date \_\_\_\_\_ Map \_\_\_\_\_

State Mississippi 28 County (or town) Pike 57

Latitude: 31 11 14 5 N Longitude: 09 02 62 5 Sequential number: 3

Lat-long accuracy: 3 T. 3 S. R. 8 W. Sec 31 NW NW

Local well number: E00533103N08E Other number: #5 in WSP 576

Local use: \_\_\_\_\_ Owner or name: Fernwood Lmbr Co. Well #3

Owner or name: FERNWOOD LMBR Address: \_\_\_\_\_

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: \_\_\_\_\_

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other Z

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed Z

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: T.D. of Test hole = 1214 ft D

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: (194?) ft 194 Meas. rept accuracy 6

Depth cased: \_\_\_\_\_ ft \_\_\_\_\_ Casing type: \_\_\_\_\_; Diam. 10 in 10

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other 5

Method Drilled: air rot, bored, cable, dug, hyd rot., jetted, air percussion, reverse, rotary, trenching, driven, wash, other 32

Date Drilled: 1919 9 19 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Gray Artesian Well Co, Pensacola, Fla.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 U Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: 450± 450 Accuracy: \_\_\_\_\_

Water Level + ft above \_\_\_\_\_ below MP; Ft below LSD F Accuracy: \_\_\_\_\_

Date meas: \_\_\_\_\_ Yield: 650 gpm 650 Method determined 61

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

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

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

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

Well No. E5

P/kc

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Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic 03 Section: \_\_\_\_\_  
 Province: \_\_\_\_\_ 20 21

22 D Drainage 14H Subbasin: \_\_\_\_\_ 26  
 Basin: \_\_\_\_\_ 23 25

(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) \_\_\_\_\_ 27  
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR TP CI  
 AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_ 30 31  
 Aquifer

Lithology: \_\_\_\_\_ R Origin: \_\_\_\_\_ 2 Thickness: \_\_\_\_\_ ft  
 32 33 34

92 Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft 102  
 35 37 38 40 41 43

MINOR \_\_\_\_\_  
 AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_ 46 47  
 Aquifer

Lithology: \_\_\_\_\_ \_\_\_\_\_ Origin: \_\_\_\_\_ \_\_\_\_\_ Thickness: \_\_\_\_\_ ft  
 48 49 50

\_\_\_\_\_ Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_  
 51 53 54 56 57 59

Intervals Screened: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 64  
 60 63

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 69  
 65 68

Surficial material: \_\_\_\_\_ L Infiltration characteristics: \_\_\_\_\_ 72  
 70 71

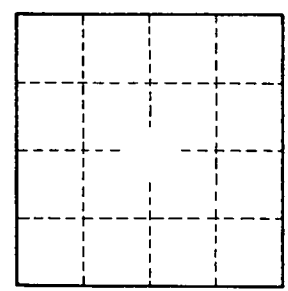
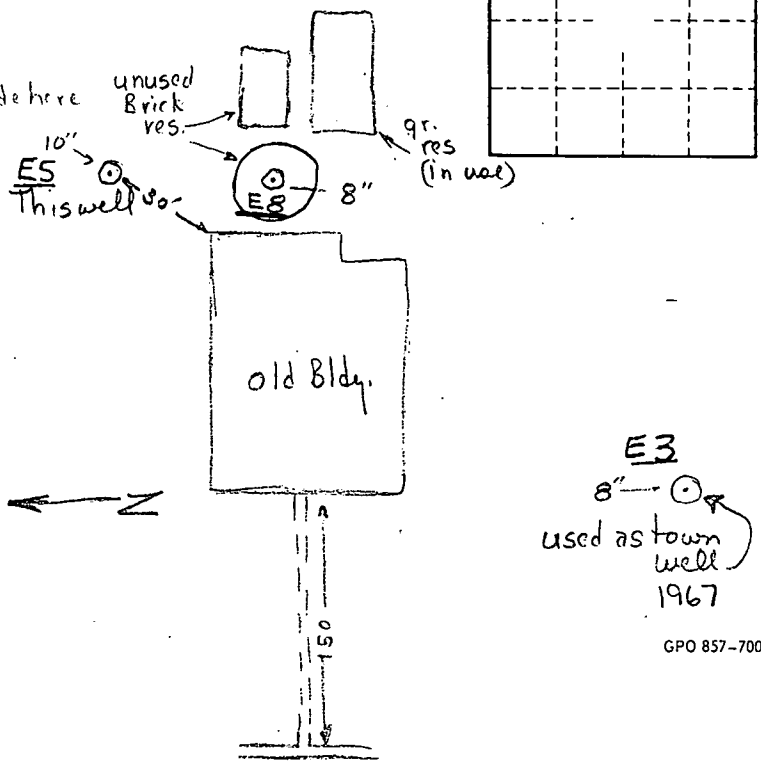
Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_ 76 78  
 73 75

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_ 79

" Copied from Log brought to the Survey office by EM Duran 8-9-23."

Located: 450' SE I C R R Station Ferwood Miss

- 0-5 yellow clay
- 5-32 Sd
- 32-43 Sd + Gravel
- 43-72 Gumbo
- 72-83 Heavy Gravel
- 83-96 Sd + Gr
- 96-102 Soft clay
- 102-194 Sd + Heavy Gravel ← well made here
- 194-263 Gumbo
- 263-264 Soft Rock
- 264-293 Gumbo
- 293-313 Gravel
- 313-506 Hrd blue Gumbo
- 506-518 Sd
- 518-550 Gumbo
- 550-552 Sd
- 552-603 Soapstone
- 603-615 Rock
- 615-661 Gumbo
- 661-676 Sd
- 676-705 Gumbo
- 705-744 Sd
- 744-897 Gumbo
- 897-913 Sd
- 913-935 Gumbo
- 935-950 Sd
- 950-984 Hrd Sd
- 984-989 Rock
- 989-1052 Soapstone
- 1052-1084 Gumbo
- 1084-1102 Packed Sd
- 1102-1108 Rock



Well No.

E5

E3  
8" → ○  
used as town well  
1967