

WRD Exp. (GW)  
April 1966

Well No. C4

#4  
C4

### WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

#### MASTER CARD

Record by W.T. Oakley Source of data Plant Supt Williams Date 3-6-67 Map \_\_\_\_\_

State Miss. County (or town) WALTHALL 74

Latitude: 311507N Longitude: 0901145 Sequential number: 4

Lat-long accuracy: 3 T. 3 S. R. 10 E. Sec 4 SW 1/4 SE 1/4

Local well number: C004CD0403N10E Other number: \_\_\_\_\_ B & M

Local use: 064 Owner or name: Transcontinental Gas + Pipe line

Owner or name: TRANSCONT. GAS Address: HY583 Tlertown

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U

Use of well: 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

Log data: Drillers log

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 388 ft 388 Meas. rept 6

Depth cased (first perf.): 346 ft 345 Casing type: \_\_\_\_\_; Diam. 12"-8" in 12

Finish: porous concrete, gravel w. concrete, gravel w. (screen), horiz. gallery, open end, other 6

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

Date Drilled: 1956 956 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Layne Central, Jackson, Miss.

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep 7 Shallow 40

Power (type): diesel, elec, nat, gas, gasoline, hand, gas, wind; H, P, \_\_\_\_\_ 30 Y Trans. or meter no. \_\_\_\_\_

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

Alt. LSD: 400 Accuracy: 415 11/18/81 6

Water Level: 88 ft above MP; 88 ft below LSD Accuracy: reported 9

Date meas: Aug. 1956 856 Yield: 300 gpm 300 Method determined 61

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

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

Sp. Conduct \_\_\_\_\_ K x 10 6 Temp. \_\_\_\_\_ °F \_\_\_\_\_ Date sampled \_\_\_\_\_

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

PRINTED AND VERIFIED

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Latitude-longitude N  
S  
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**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: Coastal Plain 03 Section: East Gulf

Coastal Plain D Drainage Basin: 13U Subbasin: 20

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

MAJOR AQUIFER: Tertiary Miocene T.M Pascagoula Form. P.A  
system series aquifer, formation, group

Lithology: UNconsolidated sd U.S Origin: Deltaic 3 Aquifer Thickness: 52 ft

52 Length of well open to: 30 ft 30 Depth to top of: 340 ft 340 34 340 41 43

MINOR AQUIFER: 44 45 aquifer, formation, group 46 47

Lithology: 44 49 Origin: 50 Aquifer Thickness: 50 ft

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

Intervals Screened: 346' - 376'

Depth to consolidated rock: 60 63 Source of data: 64

Depth to basement: 65 68 Source of data: 69

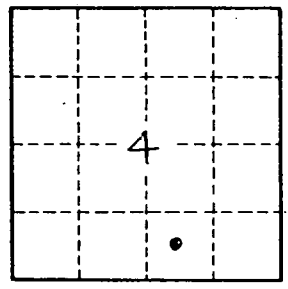
Surficial material: Sandy Unconsolidated 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 gpd/ft<sup>2</sup> Coefficient Storage: 76 78

Coefficient Perm: 79 gpd/ft<sup>2</sup>; Spec cap: 80 gpm/ft; Number of geologic cards: 81

Location on C5

- 0-1 soil
- 1-37 red sand + clay
- 37-75 sand + fine gravel
- 75-134 gravel
- 134-215 loose red sand + gravel
- 215-292 sand + pea gravel
- 292-318 clay
- 318-340 fine sand
- 340-392 coarse sand
- 392-397 clay



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