



file

WRD Exp. (GW)
April 1966

Well No. A 1

WELL SCHEDULE

PUNCHED

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
APR 22 1975

MASTER CARD

Record by J.A. Callahan Source of data Plant Eng. Date 6-10-66 Map County
 State Miss County (or town) Walthall Sequential number: 1
 Latitude: 312000 N Longitude: 0901310 Lat-long accuracy: 2 T, 4 S, R 10 Sec 8, NE 4, NW 4
 Local well number: A001A B0804 N10E Other number: B & M
 Local use: 064 767 18 Owner or name: United Gas Co.
 Owner or name: UNITED GAS CO. Address: Tylertown, Miss

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

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 N

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.: None Field aquifer char. Z

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: None Pumpage inventory: period:

Aperture cards:

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 228 ft Meas. 228 Meas. accuracy rept

Depth cased; (first perf.): 208 ft Casing type: 208 ; Diam. 10 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other G

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

Date Drilled: 1951 951 Pump intake setting: 951 ft

Driller: Layne Central, Jackson Miss.

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

Power (type): diesel, elec, nat gas, gasoline, hand, gas, wind, H.P. 15 Trans. of meter no. U

Descrip. MP 1" Vent at 2.5' ft below LSD. Alt. MP 451 11/18/81

Alt. LSD: 350 Accuracy: 451 11/18/81

Water Level: -78 ft above below MP; 78 ft above below LSD Accuracy: reported

Date meas: 1951 51 Yield: 140 gpm 1.40 Method determined 1

Drawdown: 78 ft Accuracy: 78 Pumping period: 2 hrs

WATER DATA: Iron 80 ppm Sulfate 1 ppm Chloride 66 ppm Hard. 767 ppm

Sp. Conduct 80 K x 10⁶ Temp. 66 °F Date sampled No sample 767

Taste, color, etc. Red water. Treated w/sodium hexametaphosphate

11/18/81
87
4.32
82.68
2.5
80.18
451
80
371

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

A

Well No. A1

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Plain D Drainage Basin: 134 Subbasin: 26

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

MAJOR AQUIFER: Tertiary, Miocene TM undifferentiated M:Z

Lithology: unconsolidated sands US Origin: Deltaic 3 Aquifer Thickness: 140 ft

140 Length of well open to: 20 ft 20 Depth to top of: 8.5 ft

MINOR AQUIFER: _____ Origin: _____ Aquifer Thickness: _____ ft

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft _____ Depth to top of: _____ ft

Intervals Screened: 208 - 228 ft, 6", 0.008

Depth to consolidated rock: _____ ft _____ Source of data: _____

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

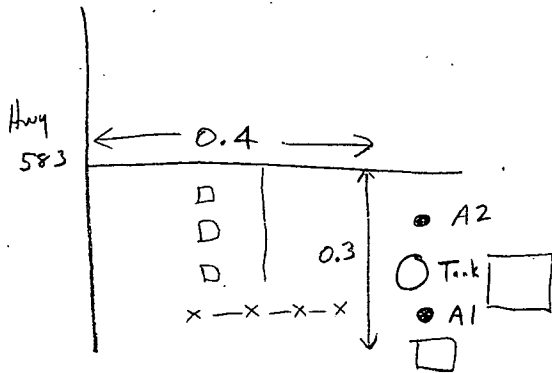
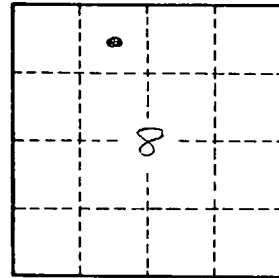
Coefficient Trans: 100,000 gpd/ft 104 Coefficient Storage: _____

Coefficient Perm: 710 gpd/ft²; Spec cap: 18 gpm/ft; Number of geologic cards: _____

See sketch on A2



Casing 10" to 194 ft.
6" remaining



- 0-85 - red sand + clay
- 85-129 - gravel + sand
- 129-225 - sand + pea gravel
- 225-241 - clay
- 241-285 - shaly shale
- 285-302 - coarse gravel + sand
- 302-352 - clay
- 352-450 - hard gummi shale

2/19/96
WK 77.2