

WRD Exp. (GW)
April 1966

Well No. E4

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J. P. Callahan Source M20WC Date 9-4-62 Map Field

State Miss County (or town) SMITH 65

Latitude: 32° 04' 00" N Longitude: 089° 43' 14" W Sequential number: 1

Lat-long accuracy: 3 T 3 S, R 6 W. Sec 30 NW 1/4, SW 1/4

Local well number: E004RC3003N06E Other number: B & M

Local use: 042 Owner or name: Clarence Cook

Owner or name: CLARENCE COOK Address: Magee, Miss Rt. 3

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

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

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

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 74 C

Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77

Aperture cards: 78 79

Log data: 78 79

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 312 ft Meas. 312 Meas. 6

Depth cased: (first perf.) 302 ft Casing type: steel Diam. 2 in

Finish: porous concrete, gravel w. concrete, (perfl.), gravel w. (screen), horiz. gallery, (H) open perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other S

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

Date Drilled: 9-4-62 Pump intake setting: 9:6:2 ft

Driller: W.G. Butler name White Oak address

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

Power (type): diesel, (elec) nat, gas, gasoline, hand, gas, wind; H.P. 3hp Trans. or meter no. 7

Descrip. MP 7 above 41 below LSD, Alt. MP 7

Alt. LSD: 47 Accuracy: (source) 47

Water Level: 42 ft above below MP; 45 ft below LSD Accuracy: 52

Date meas: 53 Yield: 55 gpm Method determined 61

Drawdown: 62 ft Accuracy: 65 Pumping period 66 hrs 68

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 330 K x 10⁶ 3 Temp. °F 74 76 Date sampled 9-5-62 77 79

Taste, color, etc. Clear

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Latitude-longitude 32.04.00^N 089.03.14^W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D 137 Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, (R) hilltop, (K) sink, swamp, (S) offshore, pediment, hillside, terrace, undulating, valley flat, (H) _____

MAJOR AQUIFER: Tertiary, Oligocene T₀ Forest Hill F₁H

Lithology: Sand 5 Origin: Deltaic 3 Aquifer Thickness: _____ ft

Length of well open to: 10 ft 10 Depth to top of: 302 ft 302

MINOR AQUIFER: _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened:

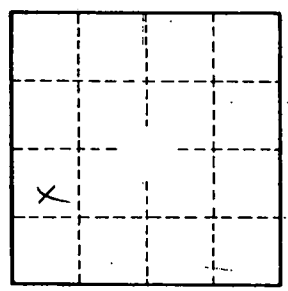
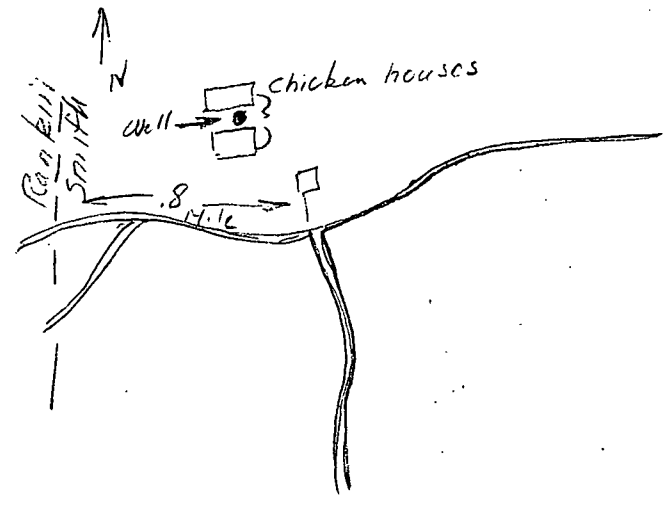
Depth to consolidated rock: _____ ft _____ Source of data: _____

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

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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



Drilled log MBOWC

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