

E-log # 164

WRD Exp. (GW)
April 1966

Well No. U 49

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

APR 18 1975

U49

MASTER CARD

Record by TN Shows Source of data Drilled E-log Date 11-16-66 Map Yazoo Co.

State Mississippi County Yazoo Co. Sequential number: 1

Latitude: 32° 35' 43" N Longitude: 090° 36' 23" W

Local well number: U049AD2809NO4W Owner or name: C. W. Browne

Local use: 022164 Address: Satartia, Miss.

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

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 H

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

DATA AVAILABLE: Well data 71 Freq. W/L meas.: 0 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: 76

Aperture cards: 77

Log data: Ran E-log to 1446 ft. - Understand drilled 70' deeper the next day. D: E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1445 ft Meas. rept 3

Depth cased: 1420 ft Casing type: Black Iron Diam. 4 X 2 in

Finish: porous concrete, gravel w. screen, gravel w. gallery, horiz. open perf., screen, sd. pt., shored, open hole, other S

Method: air bored, cable, dug, hyd rot, jetted, air percussion, rotary, 4

Date Drilled: 11-16-66 Pump intake setting: 966 ft

Driller: David Berry, Benton, Miss.

Lift (type): air, bucket, cent. jer, multiple, multiple, none, piston, rot, submerg, turb, other J Deep 1 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. S Trans. or meter no. 41

Descrip. MP 120 ± ft above below LSD, Alt. MP 3

Alt. LSD: 120 ± Accuracy: (source) 3

Water Level 3 ft above below MP; Ft below LSD +3 Accuracy: D

Date meas: N: 10: 6 Yield: 60 gpm Method determined 61

Drawdown: 62 ft Accuracy: 63 Pumping period 66 hrs 68

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

Sp. Conduct 73 K x 10⁶ Temp. 74 °F Date sampled 77 79

Taste, color, etc. 75

Suppose to Flow

Well No. U49

Well No. _____

Latitude-longitude N
S

HYDROGEOLOGIC CARD

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

E Drainage Basin: 15J Subbasin: _____

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

MAJOR AQUIFER: Tertiary system, Clairborne series, TE aquifer, formation, group, S aquifer, formation, group, SS aquifer, formation, group

Lithology: S Origin: Z Aquifer Thickness: 40 ft

Length of well open to: _____ ft Depth to top of: 140 ft

MINOR AQUIFER: _____ system, _____ series, _____ aquifer, formation, group, _____ aquifer, formation, group

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: 2'S.S.

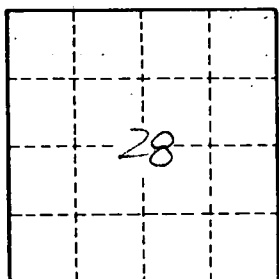
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

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



Well No. 149