

WRD Exp. (GW)
April 1966

E-109 #40 Well No. 54

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

FORCED AND VERIFIED
WATER DIVISION BRANCH

MASTER CARD

Well No. 2 S 235C
MERIDIAN

Record by TNShow Source of data Eng. Date 1-18-67 Map

State MISSISSIPPI County 28 (or town) Lauderdale 38

Latitude: 32^{deg} 15^{min} 32^{sec} N Longitude: 088^{deg} 41^{min} 58^{sec} W Sequential number: 1

Lat-long accuracy: 3 T. 5 S, R 16 E, Sec 19, SW 1/4, NE 1/4, SE 1/4

Local well number: 5004 EA 1905 N 16 E Other number: #2 B & M

Local use: 06 4040 Owner or name: Clarkdale W.W. Assoc.

Owner or name: CLARKDALE W.A. Address:

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

Use of water: (A) Air cond, Bottling, Comm, Dewacer, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (P) (R)

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

Use of well: (A) 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: USGS Complete 12-1-67 C

Freq. sampling: Original Pumpage inventory: no. period:

Aperture cards:

Log data: E log to 1245 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1195 ft Meas. 1195 accuracy 3

Depth used: 1145 ft Casing type: 1145 Diam. 10x6 in 10

Finish: (C) porous concrete, (F) gravel w. screen, (G) gravel w. gallery, (H) horiz. open end, (O) open hole, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) shored, (Z) other 5

Method drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) jetted, (J) air jetted, (P) air percussion, (R) reverse, (T) reverse, (V) driven, (W) drive wash, (Z) other H

Date drilled: 9-6-5 Pump intake setting: 380 ft 380

Driller: Layne Central, Jackson, Miss.

Lift (type): (A) air, (B) bucket, (C) cent., (J) multiple, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submarg, (T) turb, (Z) other M Deep 1 Shallow 0

Power (type): (elec) gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter 5

Descrip. MP 580 ft above LSD. Alt. MP 580

Alt. LSD: 580 Accuracy: 580

Water Level: 310 ft above MP; 310 ft below LSD Accuracy: 310

Date meas: 10-6-65 Yield: 151 gpm 151 Method determined 1

Drawdown: 18.5 ft Accuracy: 18.5 Pumping period: 1 hrs 1

QUALITY OF WATER DATA: Iron 5 Sulfate 0 Chloride 1 Hard. 0

Sp. Conduct 295 K x 10⁶ Temp. 76 °F Date sampled 12-1-67 067

Taste, color, etc. Field pH: 7.6 CO₂: 0

12 1/82
320.42

11/88

WELL NO. 54

Well No. 54

Latitude-longitude _____
N S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: _____ Subbasin: _____

(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)
offshore, pediment, hillside, terrace, undulating, valley flat _____ H

MAJOR AQUIFER: TERTIARY, EOCENE TE lower Wilcox LW
system series aquifer, formation, group

Lithology: US Origin: 2 Aquifer Thickness: _____ ft

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

MINOR AQUIFER: _____
system series aquifer, formation, group

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: _____

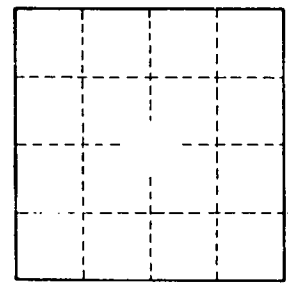
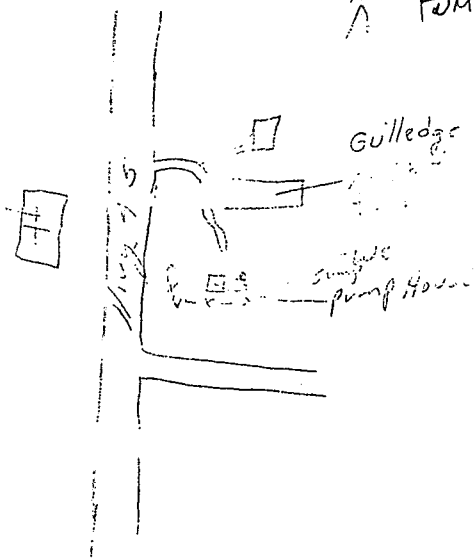
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

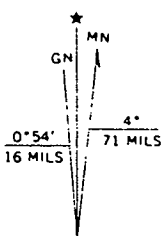
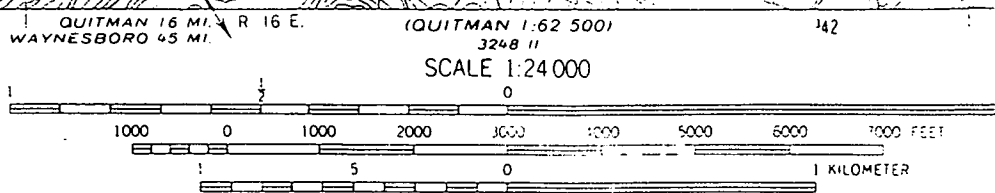
Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

1/2 PUMP Bowl & set @ 380'



Well No. 54



UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 20 FEET
 DOTTED LINES REPRESENT 10-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST