

GW2688

Zeiglerville  
U1

WRD Exp. (GW)  
April 1966

Well No. \_\_\_\_\_

WELL SCHEDULE

E Log 41

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Bore Date 12-11-66 Map Zeiglerville Quad 7.5'

State: Mississippi County (or town) Holmes 28 26

Latitude: 32 56 46 N Longitude: 09 00 85 3 Sequential number: 1

Lat-long accuracy: 2 13 1 SE SE SW

Local well number: U0010C0113NO1E Other number: \_\_\_\_\_

Local use: 002041 Owner or name: HARLAND CR WA Address: Lexington, Miss

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, (U) Unused, Reprussure, 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: \_\_\_\_\_ 1/20/76

Freq. sampling: \_\_\_\_\_ Pumpage inventory: yes  no  period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: E Log 508-1449 D (Miss.) NO samples D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1270 ft 1310 Meas. accuracy 3

Depth cased: (first perf.) 1230 ft 1230 Casing type: \_\_\_\_\_; Diam. 63 in 6

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

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd, (E) jetted, (F) air reverse, (G) trenching, (H) driven, (I) drive wash, (J) other H

Date Drilled: 12-1966 966 Pump intake setting: \_\_\_\_\_ ft \_\_\_\_\_

Driller: Robert Ratliff Grenada Miss

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep  Shallow

Power (type): diesel, elec gas, gasoline, hand, gas, wind; H.P. 15 V Trans. or meter no. \_\_\_\_\_

Descrip. MP Pipe in hole 1.2 ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 340 340 Accuracy: (source) 7 min Quad 5

Water Level 147.5 ft above below MP; Ft below LSD 145 Accuracy: \_\_\_\_\_ A

Date meas: 1/20/76 176 Yield: 145 gpm 145 Method determined \_\_\_\_\_

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

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

Sp. Conduct 3.5 K x 10<sup>6</sup> 4 Temp. 27.0 °F 176 Date sampled 1/20/76 176

Taste, color, etc. pH 8.4

Well No. \_\_\_\_\_

Well No. U1

Latitude-longitude \_\_\_\_\_  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: \_\_\_\_\_  
19 20 21

D Drainage Basin: 15J Subbasin: \_\_\_\_\_  
22 23 25 26

(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 \_\_\_\_\_ 27

MAJOR AQUIFER: TE series \_\_\_\_\_ aquifer, formation, group TA  
28 29 30 31

Lithology: US Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft  
32 33 34

5.16 Length of well open to: \_\_\_\_\_ ft 40 Depth to top of: \_\_\_\_\_ ft A2  
35 37 38 40 41 43

MINOR AQUIFER: \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_  
44 45 46 47

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_ ft  
48 49 50

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

Intervals Screened: 1230-1270 3' 55"

Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 64

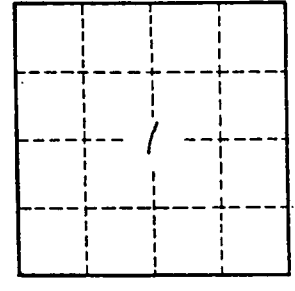
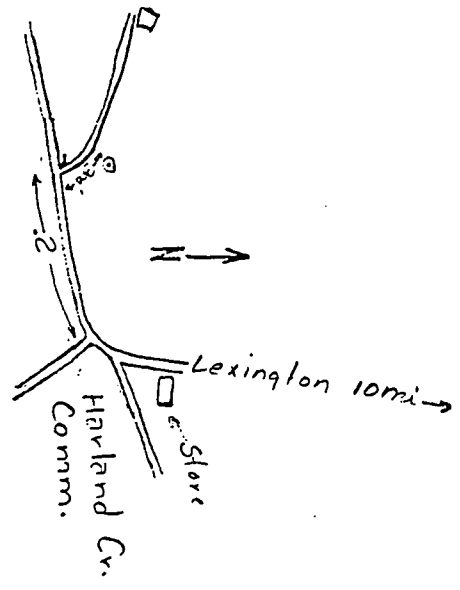
Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 69

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_ 72

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ Coefficient Storage: \_\_\_\_\_ 76 78

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

WL 142 12/66



Well No. \_\_\_\_\_

U1

UP-DATED \_\_\_\_\_

Coded

Holmes  
U /  
1/67  
Elec Log

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201  
WATER WELL DRILLERS LOG

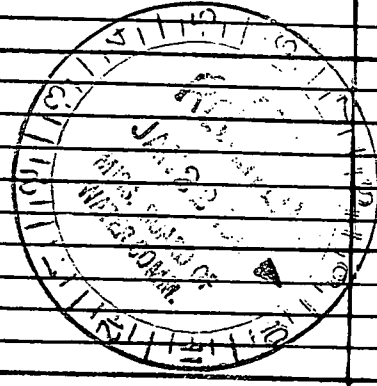
1-10-67 19 Robert Raliff Co Holmes Co  
date well completed firm name county well located

LANDOWNER: Harold Raliff White  
Leopington Miss  
(mailing address)  
WELL LOCATION:  
sec. 1 T 13 N 1 E  
S W  
miles        of        (direction) (nearest town)  
WELL PURPOSE:  
(home, irrigation, municipal, industrial)  
WELL COMPLETION DATA:

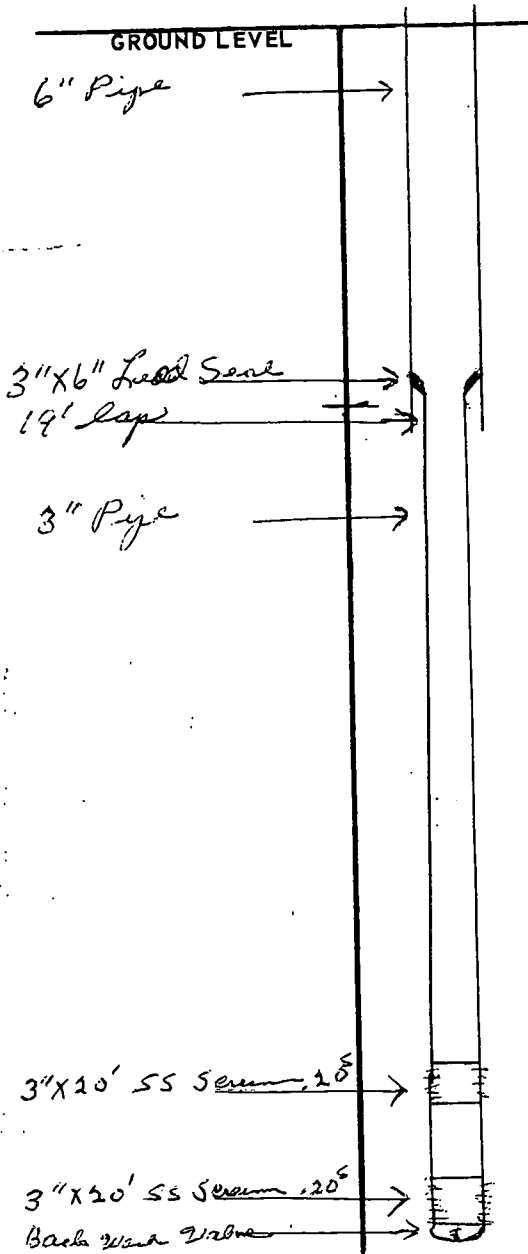
description of formations encountered	depth	
	from	to
Dirt	0	30
sand + clay	30	110
Sand	110	230
Gravel	230	300
Sand	300	425
Shale + Sand	425	580
Shale	580	680
Green Sand	680	1050
shale	1050	1110
Sand + Shale	1110	1175
Sand	1175	1310
Shale	1310	1325

- (1) diameter (inches) 6.43"
- (2) total depth (feet) 1310
- (3) static water level (feet) 142 below top of ground.
- (4) casing Black 1270  
(material) (depth)  
6.43" if telescope see back.  
(size)
- (5) screen 40' 1270'  
(length) (depth to top)  
3" SS  
(size) (material)
- (6) pump 15 145 gpm  
(HP) (yield gpm)  
Electric  
(type power)
- (7) electric log yes  
(yes or no)  
LC 595  
(organization running log)
- (8) how well bottom plugged Back  
Waste Valve

DRILLERS REMARKS:



If well telescopes please sketch and show depths.



If more than one screen, show locations of each on sketch.

SE SE SW


SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Ground was better  
between 1230-1250'  
+  
1290' - 1310'

So the screens are  
staggered 40' between

Pump sitting 210'

DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

ZEIGLERVILLE QUAD

WELL OWNER HARLAND CREEK W.A.

CHECKED

U.S.G.S. NO. U-1

JNH

B.O.H. NO 260009-01

JNH

OLWR NO. \_\_\_\_\_

LOCATION:

MAP SE, SE, SE, SW S 1, 13 N, R 1 E

JNH

GPS \_\_\_\_\_

ELEV. (MSL) 340'

JNH

W.L. (L.S.) (1) - 155.45' 7-17-95

JNH

(2) - 155.05' "

JNH

HEAD (MSL) 184.55'

JNH

SCREENED INTERVAL 1,230'-1,220' (LS) / -890' - -930' (MSL)

JNH

AQUIFER VERIFIED TALLAHATTA

JNH

PREVIOUS W.L. -145' (1/20/76) / -142' (12/11/66)

JNH

DATA ENTERED \_\_\_\_\_

764 10' 765

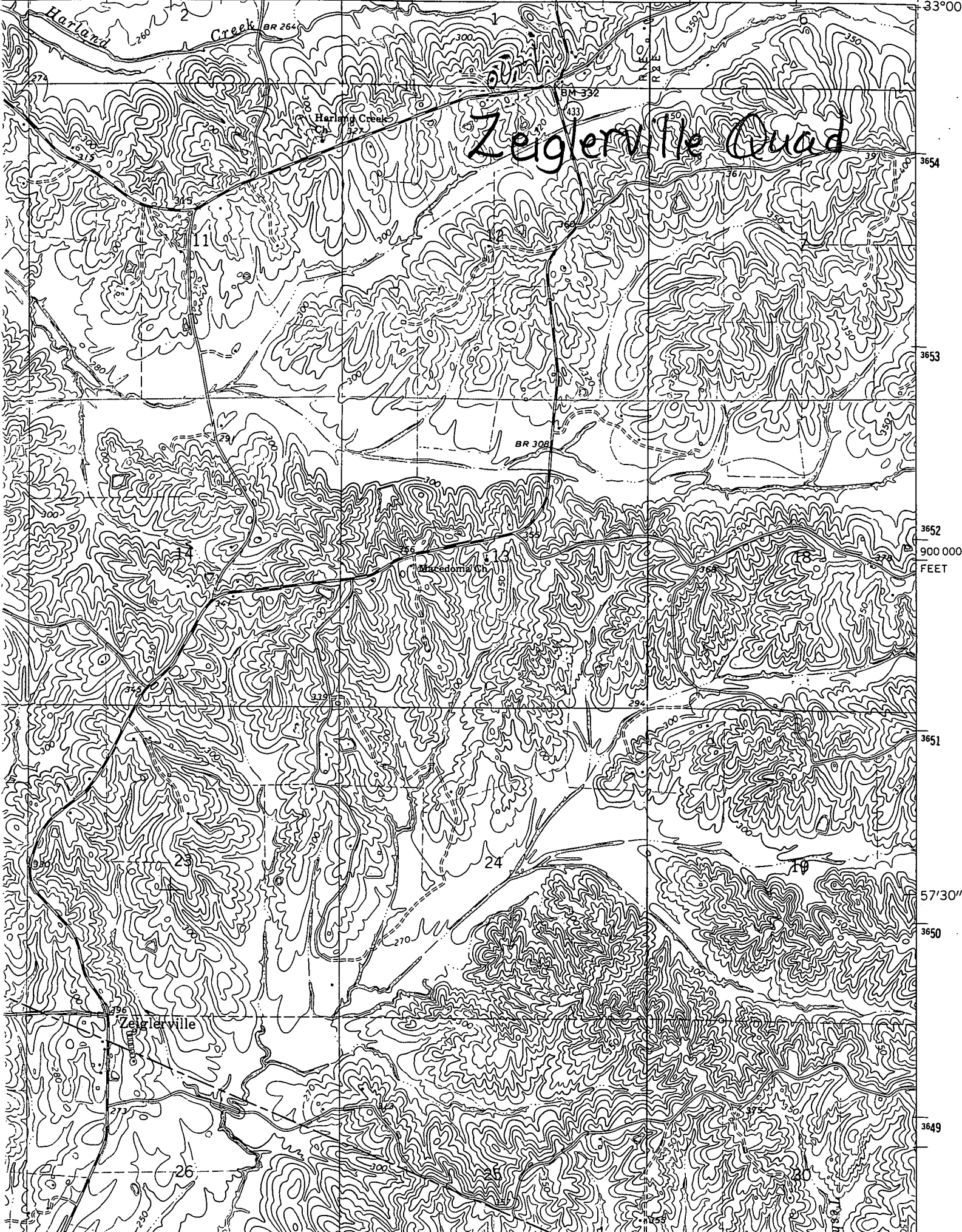
766

LEXINGTON 10 MI.  
BROZVILLE 3.2 MI.

560 000 FEET

768

90°07'30"  
33°00'



# Zeiglerville Quad

900 000  
FEET

57'30"

3649