

SITE ID - 340231089550201
FORM 9-1642 (1-68)

Well No. E37 90C

WELL SCHEDULE
GEOLOGICAL SURVEY

Log# 54 **PUNCHED**

U.S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MAY 9 1973

*Water Level
data*

MASTER CARD

Record by WTO Source of data Bowc Date 8/73 Map MSGS

State Miss County (or town) YALOBUSHA

11/28/88
WL=224.95

Latitude: 34° 02' 31" N Longitude: 089° 55' 02" W Sequential number: 1

Lat-long accuracy: 2 T 250 N 4 S 18 W. Sec 18 NE NE NW

BR

Local well number: E-037ABI825NO4E Other number: B & M

Local use: 002054 Owner or name: OAKLAND

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: P

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.: Field aquifer char.

Hyd. lab. data:

Qual. water data; type: C

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: Elog 10'-837', 858'-1048' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 940 ft Meas. rept accuracy 3

Depth cased: 880 ft Casing type: 12x4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other, (K) other, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other S

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

Date Drilled: 1-3-73 973 Pump intake setting: 30 ft

Driller: RATLIFF

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): 30 V Trans. or meter no. 41

Descrpt. MP 300 ft above below LSD, Alt. MP topo

*11/6/77 DE
202.80
2.0
200.80*

Alt. LSD: 300 Accuracy: topo

Water Level: 136 ft above below MP; Ft below LSD Accuracy: 35

Date meas: 273 Yield: 100 gpm Method determined 2

Drawdown: 146 ft Accuracy: 277gpm Pumping period: 2 hrs

QUALITY OF WATER DATA: Iron 605 ppm Sulfate 4 ppm Chloride 230 ppm Hard. 273 ppm

Sp. Conduct 605 K x 10 4 Temp. 230 °F Date sampled 273

Taste, color, etc. PH=8.7 Fe .5 Turb. 170

Well No.

Well No. _____

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

HYDROGEOLOGIC CARD

GENERAL
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
19 Drainage Basin: **D** 23 **15F** 25 Subbasin: _____
27
20 21 Section: **03**
22
24
26
ETER e YAM
(D) (C) (E) (F) (H) (K) (L)
Topo of well site: depression, stream channel, dunes, flat, hilltop, sink, swamp,
(Ø) (P) (S) (T) (U) (V)
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: _____ system _____ series **TE** _____ aquifer, formation, group **LW**

Lithology: _____ Origin: **S** Aquifer Thickness: **50** ft
32 33 34
50 Length of well open to: **.015 SS** ft **60** Depth to top of: **880** ft
35 37 38 40 41 43

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft
48 49 50
51 Length of well open to: _____ ft **54** Depth to top of: _____ ft
51 53 54 56 57 59

Intervals Screened:

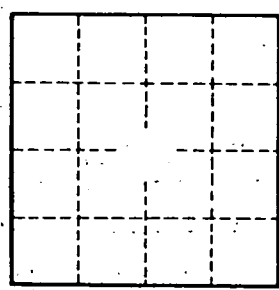
Depth to consolidated rock: _____ ft _____ Source of data: _____
60 63 64

Depth to basement: _____ ft _____ Source of data: _____
65 68 69

Surficial material: _____ Infiltration characteristics: _____
70 71 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____
73 75 76 78

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____
79



Well No.

E37

Log #54

E 4131
 YALOBUSHA
 7-26-73

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

CODED

WATER WELL DRILLERS LOG

4/26
 date well completed

1973 ROBERT E. RATHIFF Co. INC.
 firm name

YALOBUSHA
 county well located

LANDOWNER: Town of Oakland
 (mailing address)

WELL LOCATION:
 sec 18 T 25 N R 4 E
 S W
1 miles South of Oakland
 (distance) (direction) (nearest town)

WELL PURPOSE: Municipal
 (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 12 x 4"
 - (2) total depth (feet) 940
 - (3) static water level (feet) 150 below top of ground
 - (4) casing Black 7 7/8" 883
 (material) (depth)
12" if telescope see back.
 (size)
 - (5) screen 60 820
 (length) (depth to top)
4" S.S.S.
 (size) (material)
 - (6) pump 30 150
 (HP) (yield gpm)
electric
 (type power)
 - (7) electric log yes
 (yes or no)
USGS
 (organization running log)
 - (8) how well bottom plugged 4" BPO

description of formations encountered	from	to
Top Soil & Red clay	0	20
Sand + gravel	20	34
Shale	34	140
Sandy shale	140	166
Sand	166	174
Sandy shale	174	220
Sand	220	238
Sandy shale	238	270
Sand & clay streaks	270	310
Shale	310	350
Sand	350	470
Shale	470	520
Sand	520	560
Sandy shale	560	592
Sand	592	760
clay	760	840
Shale	840	880
good sand	880	940
Shale	940	1045
clay	1045	1105

CODED

DRILLERS REMARKS:

AUG 17 1973

