

April 1954

Well No. M9

WELL SCHEDULE

E LOG #10

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by GRANT HARR Source of data DRILLING Date JULY '54 Map \_\_\_\_\_

State 28 County 28 (or town) \_\_\_\_\_

Latitude: 34 14 28 N Longitude: 08 8 35 27 Sequential number: 1

Lat-long accuracy: 10 T. 10 S. R. 20 E. Sec. 5 INW, NE, SW

Local well number: M0092C0510S07E Other number: \_\_\_\_\_

Local use: \_\_\_\_\_ Owner or name: CHARLES SHOFFIELD Address: MOOREVILLE

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

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

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.

Hvd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_

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

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

Log data: E LOG #10 E

TRANSMITTED FOR ADP.

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 368 ft Meas. 368 accuracy 3

Depth cased: 55 ft Casing type: \_\_\_\_\_; Diam. 4 in

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

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

Date drilled: 7 5 9 Pump intake setting: \_\_\_\_\_ ft

Driller: EWING CO. address TUPELO

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

Power (type): (nat) diesel, elec, gas, gasoline, hand, gas, wind; H.P. 5 Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above LSD. Alt. MP \_\_\_\_\_

Alt. LSD: 445 Accuracy: 495 4

Water Level: 88 ft above below MP; Ft below LSD: 88 Accuracy: MEAS A

Date meas: July '59 Yield: 759 gpm Method determined \_\_\_\_\_

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

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

Sp. Conduc: \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No.

Well No. M # 9

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

**HYDROGEOLOGIC CARD**

1 SAME AS ON MASTER CARD 19 Physiographic Province: \_\_\_\_\_ 20 013 Section: \_\_\_\_\_

22 D Drainage Basin: \_\_\_\_\_ 23 131C 25 Subbasin: \_\_\_\_\_ 26

Topo of well site: (D) (C) (E) (F) (H) (K) (L) \_\_\_\_\_  
 (Φ) (P) (S) (T) (U) (V) \_\_\_\_\_ 27 S  
 depression, stream channel, dunes, flat, hilltop, sink, swamp,  
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series K3 \_\_\_\_\_ aquifer, formation, group E2  
EUTAW

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

Length of well open to: \_\_\_\_\_ ft \_\_\_\_\_ 36 \_\_\_\_\_ 40 Depth to top of: \_\_\_\_\_ ft \_\_\_\_\_ 41 \_\_\_\_\_ 43

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

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

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

Intervals Screened: \_\_\_\_\_

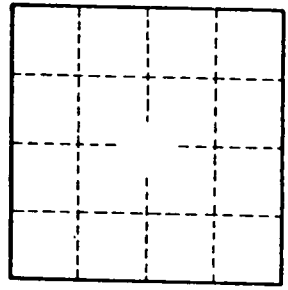
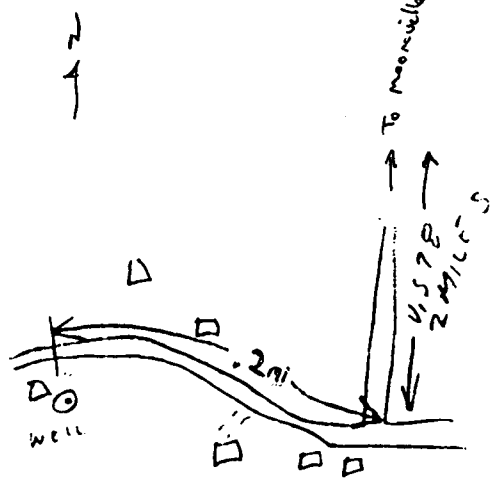
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ 60 \_\_\_\_\_ 63 Source of data: \_\_\_\_\_ 64

Depth to basement: \_\_\_\_\_ ft \_\_\_\_\_ 65 \_\_\_\_\_ 68 Source of data: \_\_\_\_\_ 69

Surficial material: \_\_\_\_\_ 70 \_\_\_\_\_ 71 Infiltration characteristics: \_\_\_\_\_ 72

Coefficient Trans: \_\_\_\_\_ gpd/ft \_\_\_\_\_ 73 \_\_\_\_\_ 75 Coefficient Storage: \_\_\_\_\_ 76 \_\_\_\_\_ 78

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



Well No. M # 9