

Tupelo

WRD Exp. (GW)  
April 1966

Well No. 74-100

### WELL SCHEDULE

# H69

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

#### MASTER CARD

Record by Thompson Source of data Bowc Date 4/11/67 Map \_\_\_\_\_

State 28 County LEE (or town) 41

Latitude: 39 deg 18 min 18 sec N Longitude: 088 degrees 40 min 52 sec W Sequential number: 1

Lat-long accuracy: 3 T. 9 S. R. 6 W. Sec 16, SE 1, NW 1, NW 1

Local well number: H069BB1609506E Other number: 131

Local use: \_\_\_\_\_ Owner or name: \_\_\_\_\_

Owner or name: FLB0B0 Address: \_\_\_\_\_

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

Use of water: (A) Air cond, Bottling, Comm, De-water, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Re-pressure, Recharge, Desal-P S, Desal-other, Other S

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 PARTIAL

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

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

Log data: DRILLERS D

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well: 420 ft Meas. 3

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

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

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

Date Drilled: 9-6-1 Pump intake setting: \_\_\_\_\_ ft

Driller: O.C. WEBB

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

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

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

Alt. LSD: 280 Accuracy: (source) 5

Water Level: \_\_\_\_\_ ft above below MP; \_\_\_\_\_ ft above below LSD Accuracy: 90

Date meas: 12-20-61 Yield: 061 gpm Method determined \_\_\_\_\_

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

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

Sp. Conduct 280 K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled 3-2-67 367

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

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Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_  
19 20 21  
D Drainage Basin: 13C Subbasin: \_\_\_\_\_  
22 23 24 25 26

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

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series K3 \_\_\_\_\_ aquifer, formation, group E2 \_\_\_\_\_  
28 29 30 31

Lithology: \_\_\_\_\_ U5 Origin: \_\_\_\_\_ 6 Aquifer Thickness: \_\_\_\_\_ ft  
32 33 34

Length of well open to: \_\_\_\_\_ ft 131 Depth to top of: \_\_\_\_\_ ft 289  
35 37 38 40 41 42

MINOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ 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:

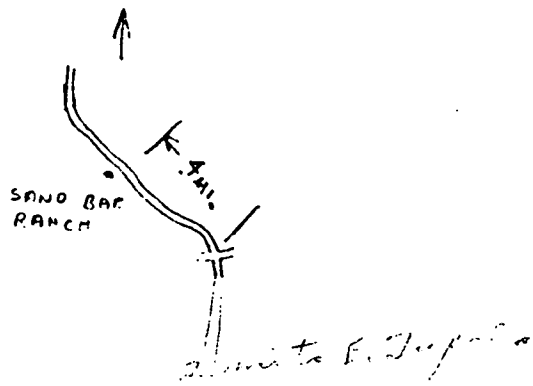
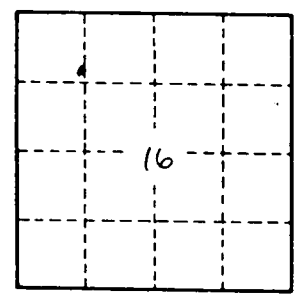
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_ 64

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



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H69

12-20-61

# WATER WELL DRILLERS LOG

#  
#

Date: 12-20, 1961, Driller: O.C. Webb County Le

(Name)

(1) Owner of Land: F. L. Bobo  
(Name)

Jupelo Miss.  
(Address)

(2) Location: 1/4, 1/4, Sec. 16 T9R6  
3 miles north of Jupelo  
(distance) (direction) (Nearest Town)

(3) Topography:  (Willy)  (Flat)  (Level)

(4) Purpose of Well:   
(Domestic Irrigation  
Municipal, Industrial, Other)

Description & Color of Materials  
Sand, Clay, Red Clay, Shell, etc.

soil to 12ft sand  
to 30ft soap stone  
& sand to 90ft  
Blue marl to  
289ft Water  
sand to 420ft

Thi  
ne  
Fe

### Information upon completion of well:

(1) Diameter 4 inches.

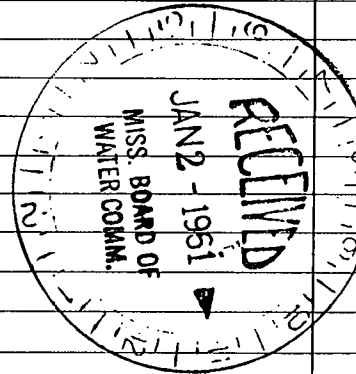
(2) Total Depth 420 feet.

(3) Water Level 90 feet below top of ground.

(4) Cased to 89ft 6", Size 4"

(5) Screen: Size 0, Length \_\_\_\_\_

(6) Were any formations sealed against pollution?  
\_\_\_\_\_ yes,  no.



If YES depth of formation \_\_\_\_\_

Why \_\_\_\_\_

Drillers Remarks: \_\_\_\_\_

# TUPELO QUAD

