

GW 13032

Lexington North MAR 14 1975  
L9

WRD Exp. (GW)  
April 1966

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

### WELL SCHEDULE

GEOLOGICAL SURVEY

E Logs

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

TRANSMITTED FOR ADP

#### MASTER CARD

Record by P.E. Grantham Source of data Driv. + E Log Date 7-26-67 Map Lexington Quad

State Mississippi County 28 (or town) Holmes 26

Latitude: 33° 08' 47" N Longitude: 090° 02' 42" W Sequential number: 2

Lat-long accuracy: 2 T 15 S, R 2 W, Sec 24, NE 1/4, NE 1/4, SW 1/4

Local well number: L009AC2415N02E Other number: \_\_\_\_\_ B & M

Local use: 053 Owner or name: Lebanon Wtr. Assn.

Owner or name: LEBANON 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, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (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: \_\_\_\_\_ 11/9/76

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

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

Log data: E log 3-1030(7-25-67) DE

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 118.0 Meas. rept accuracy 3

Depth cased: (first perf.) 111.7 Casing type: \_\_\_\_\_; Diam. 8 1/2 in

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other G

Method: (A) air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive wash, other H

Date Drilled: 7-67 Pump intake setting: \_\_\_\_\_ ft

Driller: T.M. Parks Urig. Co. Houka, Miss

Lift (type): (A) air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other S Deep Shallow 5

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 Trans. or meter no. 4

Descrip. 345 ft above LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 340' Accuracy: (source) 20' CI

Water Level: \_\_\_\_\_ ft above MP; Ft below LSD 134 Accuracy: \_\_\_\_\_

Date meas: 176 Yield: \_\_\_\_\_ gpm Method determined 100

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

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

Sp. Conduct 220 K x 10<sup>6</sup> Temp. 24 °F 290 Date sampled 11/9/76 176

Taste, color, etc. PH=8.2

wl data

12/2/88  
WL-1164  
Pax

10/27/83

160  
- 8.47  
15.53  
- 1.00  
152.53

129.47

Well No.

19

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: \_\_\_\_\_

D Drainage Basin: 15J Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: TE system series \_\_\_\_\_ aquifer, formation, group MW

Lithology: US Origin: 2 Aquifer Thickness: 55' broken

Length of well open to: 105 ft Depth to top of: 63 ft 10.8

MINOR AQUIFER: \_\_\_\_\_ system series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: \_\_\_\_\_

Length of well open to: \_\_\_\_\_ ft Depth to top of: \_\_\_\_\_ ft

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

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

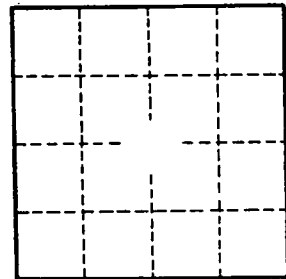
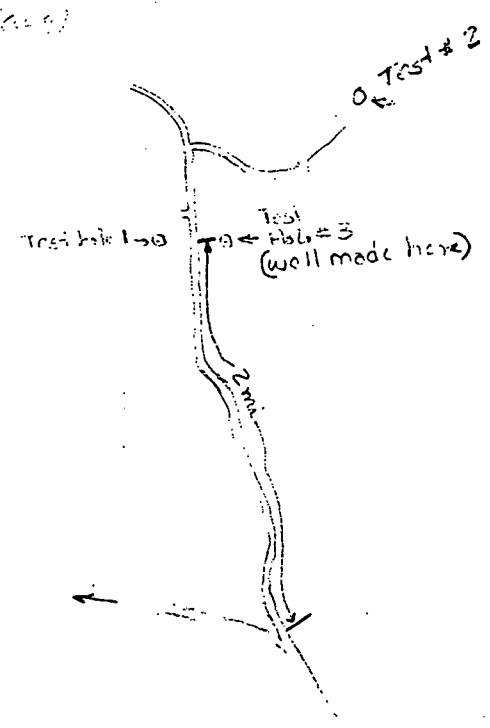
Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

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

Coefficient Trans: \_\_\_\_\_ gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_

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

WL = 92' 1947 (2-9)



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

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Lexington North Quad  
U.S.G.S. E-log # 45

WELL OWNER Lebanon W.A.

CHECKED

U.S.G.S. NO. L-9

7/19/94

B.O.H. NO. X

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

LOCATION:

MAP NW, NE, NE, SW S 24, T 15 N, R 2 E

7/19/94

GPS \_\_\_\_\_

ELEV. (MSL) 340'

7/19/94

W.L. (L.S.) (1) -151.2'

7/19/94

(2) -151.12'

7/19/94

HEAD (MSL) +188.88'

7/19/94

SCREENED INTERVAL 1,117' - 1,180' (L.S.) / -777' - -840' (MSL)

7/19/94

AQUIFER VERIFIED Meridian - upper Wilcox

7/19/94

PREVIOUS W.L. -164' (1982) / -150.53' (1983) / -134' (1976) / -92' (1967)

7/19/94

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



# Lexington North Quad

24  
L-9

775 0.5 MI. TO MISS. 12 PICKENS 19 MI. 2'30" R 2 E R 3 E 778 ● INTERIOR—GEOLOGICAL SU

SCALE 1:24 000

1 MILE

ROAD CLAS

Primary highway