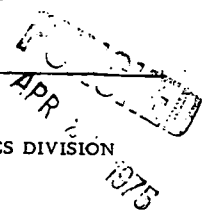


WRD Exp. (GW)
April 1966

Well No. 013



WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W.T. Oakley Source of data City Clerk Date 9-17-65 Map _____

State Miss. County 28 (or town) Lamar Sequential number: 2

Latitude: 31° 00' 20" N Longitude: 089° 26' 57" W

Lat-long accuracy: 3 T. 1 S. R. 15 Sec. 36 NE SW SE SW/SW/SW

Local well number: 0013AD3601N1SW Other number: (A3)

Local use: 064 767 34 Owner or name: City of Lumberton

Owner or name: LUMBERTON Address: Lumberton, Miss.

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, P S, Rec, Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: original Field aquifer char. Z

Hyd. lab. data: _____

Qual. water data; type: MSBOW 8-16-62

Freq. sampling: 1 Pumpage inventory: yes, no, period: _____

Aperture cards: _____ yes

Log data: _____ D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 876 ft Meas. 376 accuracy 3

Depth cased: 809 ft Casing type: _____; Diam. 10 1/2"

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

Method drilled: (A) air bored, (B) cable, (C) dug, (H) hyd. jetted, (J) rot., (P) air percussion, (R) reverse, (T) rotary, (V) driven, (W) drive wash, (Z) other 3

Date drilled: 1962 962 Pump intake setting: _____ ft

Driller: Layne Central, Jackson

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

Power (type): (nat) diesel, (elec) gas, gasoline, hand, gas, wind; H.P. 50 (V) Trans. or meter no. _____

Descrip. MP top of 1" nipple in north side of pump base 2.5 ft above LSD, 2.5 ft below LSD Alt. MP _____

Alt. LSD: 271.7 272 Accuracy: horizontal 8

Water Level: 143 ft above below MP; Ft below LSD 149 Accuracy: 4 A

Date meas: 372 Yield: 463 gpm 463 Method 6

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs 2

QUALITY OF WATER DATA: Iron 1 Sulfate 11.7 Chloride 2.0 Hard. 7 0

Sp. Conduct 76 K x 10⁶ Temp. 76° F Date sampled 862

Taste, color, etc. _____

TRANSFERRED FOR ADP

Well No. 013

Well No. φ13

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Coastal Plain **0:3** Section: East Gulf

Coastal Plain **D** Drainage Basin: 113:0 Subbasin:

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

MAJOR AQUIFER: Tertiary, Miocene **T M** Miocene Undifferentiated **M Z**

Lithology: Unconsolidated sd **U S** Origin: Deltaic **3** Aquifer Thickness: _____ ft

85 Length of well open to: _____ ft 60 Depth to top of: _____ ft 804

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

 Length of well open to: _____ ft Depth to top of: _____ ft

Intervals Screened: 809 - 869 ft 60' x 8"

Depth to consolidated rock: _____ ft _____ Source of data: _____

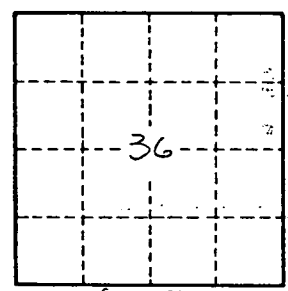
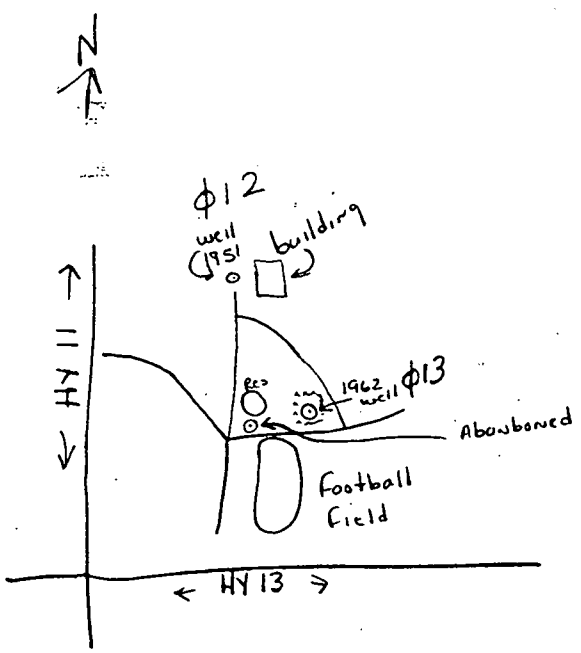
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: Sandy Unconsolidated **8 U** Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft 653 Coefficient Storage: _____

Coefficient Perm: 760 gpd/ft²; Spec cap: 34 gpm/ft; Number of geologic cards: _____

Pumping test by Layne Central



200' air line

Time	air line	water level		air line	gpa
0700	67	134			static
0800	49	151	12	29 1/2	662
0900	49	151	12	29 1/2	662
1000	49	151	12	29 1/2	662
1100	45	155	12	29 1/2	662
1200	47	153	12	29 1/2	662
1300	48	152	12	29 1/2	662
1400	47	153	12	29 1/2	662
1500	46	154	12	29 1/2	662

Data not good enough for pumping-test interpretation!

Previous Data: WL 134.49 MP #2-62
 Yield 697 gpm (computer)
 WL 143 7-67

LAMAR

13

8-27-62

MISSISSIPPI BOARD OF WATER COMMISSIONERS

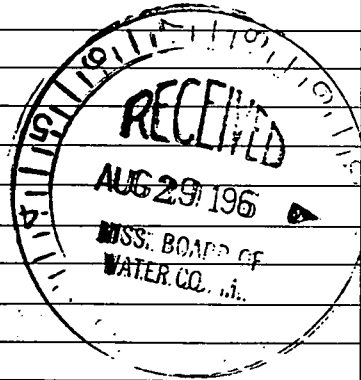
WATER WELL DRILLERS LOG

2

Date: Aug. 27, 19 62, Driller: Layne-Central Co. County Lamar

(Name)

		Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(1) Owner of Land: <u>Town of Lumberton</u> (Name)		fill and clay	7	7
<u>Lumberton, Mississippi</u> (Address)		red & pink sand	31	38
(2) Location: <u>1/4</u> , <u>1/4</u> , Sec. <u>31</u> T. <u>1</u> R. <u>4</u>		clay, some sand strks	73	111
<u>in</u> miles (distance)	<u>in</u> (direction)	hard brittle clay	44	155
	<u>in</u> (Nearest Town)	sandy clay	30	185
(3) Topography: _____ (Hilly) (Flat) (Level)		clay	190	375
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)		clay, strks of sand	100	475
Information upon completion of well: (1) Diameter <u>10"</u> inches. (2) Total Depth <u>876'</u> feet. (3) Water Level <u>131</u> feet below top of ground. (4) Cased to <u>809'</u> , Size <u>10"</u> (5) Screen: Size <u>8"</u> , Length <u>60'</u> (6) Were any formations sealed against pollution? <u>x</u> yes, _____ no. If YES depth of formation <u>809'</u> Why <u>Required</u> Drillers Remarks: _____ _____ _____ _____		brittle clay	105	580
		packed sand	33	613
		clay & sand strks	56	659
		sand & shale	41	700
		brittle clay & brks of sand	104	804
		packed sand	72	876



(Use Back Side)

Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Lumberton
quad

GPS LOG

USER NAME(S): Hotzbeak & Bishop DATE: 7-13-94
UNIT DEQ #: 82555 FILE #: C071320A
HEALTH DEPT. #: 370005-02 ELEV. 275
USGS #: 240 φ13 OLWR #: GW 1039
OWNER: Town of Lumberton
LOCATION: SW/SW S 31 T 1 N R 14 W COUNTY: Lamar
LOCATION DESCRIPTION: NE Corner of Intersection of 2nd + Front st,
at Metal Ground Tank
CASING DIA: _____ PUMP TYPE & SIZE: 50 HP Elec.
GPS FIELD LOCATION: LAT. 31° 00.170 LONG. 89° 26.934
GPS CORRECTED LOCATION: LAT. 31.002813 LONG. 89.449379
REMARKS: GPS at Well

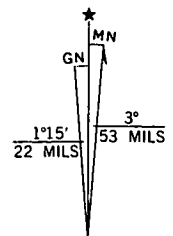


ished by the Geological Survey

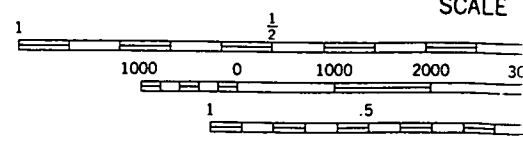
methods from aerial
 : checked 1964
 rth American datum
 issippi coordinate system, east zone
 e Mercator grid ticks,

American Datum 1983
 stars south and
 ed corner ticks

within the boundaries of
 s shown on this map



UTM GRID AND 1982 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET



CONTOUR INT
 NATIONAL GEODETIC VE

THIS MAP COMPLIES WITH NATIC
 FOR SALE BY U. S. GEOLOGICAL
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS