

ID 312045088295401

DOH # 370011-02
PERMIT # GW-01158
HATTIESBURG & W QUAD

D97
E log # 105
MAY 27 1975

FORM 9-1642
(1-68)

WELL SCHEDULE

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

MASTER CARD

Bowc

Record by Q Source of data MGS Date 8/74 Map _____

State Miss. County Lamar (or town) 5 Sequential number: 37

Latitude: 31° 20' 5" N Longitude: 08° 42' 4" W

Lat-long accuracy: 2" T 4" S, R 15" E Sec 3 NW NE, NW, NW

Local well number: D097BB0304N15W Other number: T.N. #2 For Well #2

Local use: 230105 Owner or name: WEST LAMAR WA Address: _____

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

Freq. sampling: _____ Pumpage inventory: yes no; period: _____

Aperture cards: _____ yes

Log data: E log 12'-445' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 425 ft Meas. rept 3

Depth cased: 375 ft Casing type: _____; Diam. 10X8 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) screen, (H) horiz. gallery, (I) open end, (J) percuss., (K) shored, (L) sd. pt., (M) other hole, (N) other

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

Date Drilled: 7-24-74 9:7:4 Pump intake setting: _____ ft

Driller: Holland name _____ address _____

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): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 60 V Trans. or meter no. _____

Descrip. MP 433 ft above below LSD, Alt. MP _____

Alt. LSD: 430 Accuracy: topo

Water Level: _____ ft above below MP; Ft below LSD 210 Accuracy: _____

Date meas: 475 Yield: _____ gpm 644 Method determined

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

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct 73 K x 10⁶ 0 Temp. 20.5 °F 205 Date sampled 375

Taste, color, etc. pH: 5.6

Handwritten notes: OK, W.L. 5/74

Well No. _____

Well No. _____

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 130

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

MAJOR AQUIFER: system _____ series TM aquifer, formation, group MOG (permits) MZ

Lithology: US Origin: 3 Aquifer Thickness: 60 ft

Length of well open to: _____ ft Depth to top of: 370 ft

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

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

Intervals Screened: _____

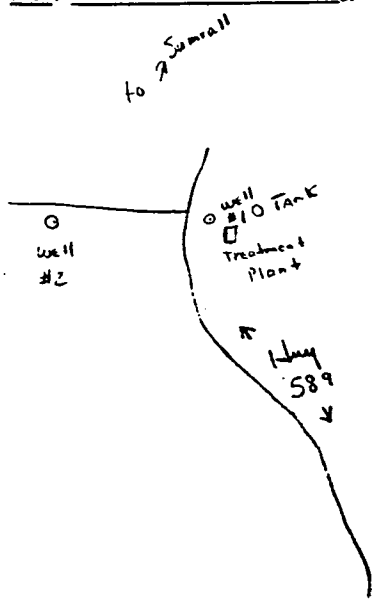
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

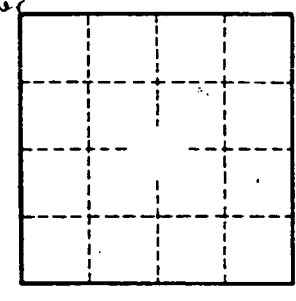
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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



Well reworked by Griner
1991



Well No. _____

LAMAR
D97
4-7-75
Elog #105

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

Accepted April 7, 1975
date well completed

Holland Well Co
firm name
MOBILE, ALA

LAMAR
county well located

LANDOWNER:	description of formations encountered	from	to
WEST LAMAR WATER ASSOC. Hwy 98 W. - Bellevue, MS (mailing address)			
WELL LOCATION: sec. 3 T. 4 N. R. 15 E. 9 miles west of Hattiesburg (distance) (direction) (nearest town)	SAND	12	37
WELL PURPOSE: MUNICIPAL (home, irrigation, municipal, industrial)	CLAY	37	82
WELL COMPLETION DATA: (1) diameter (inches) 10 3/4	SAND	82	128
(2) total depth (feet) 430'	CLAY	128	270
(3) static water level (feet) 210 below top of ground	SAND STRATA	270	280
(4) casing Black steel - 37.5' (material) (depth)	(chattering) SAND	280	320
(size) If telescope see back.	COARSE SAND	320	396
(5) screen 50' 359.6 (length) (depth to top)	CLAY	396	400
8" 12 SLOT STAINLESS (size) (material)	Good Sand	400	430
(6) pump 60 644 - 0 PSI (HP) (yield gpm)	HARD CLAY	430	440
Elec (type power)			
(7) electric log yes (yes or no)			
MGS (organization running log)			
(8) how well bottom plugged BACKWASH VALVE			
DRILLERS REMARKS: WATER bearing sand cut very hard, but has good yield			

CODED

MISS. BU. OF W. & P.
MAY 22 1975

(X)

If well telescopes please sketch and show depths.

GROUND LEVEL

		X	

SECTION 3

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

H-Burg SW Quad

USER NAME(S): Bishop + Hornbeak DATE: 7-15-94

UNIT DEQ #: 82555 FILE #: C071517B

HEALTH DEPT. #: 370011-02 ELEV. 425

USGS #: 256 D97 OLWR #: BW1158

OWNER: W. Lamar Water Assn

LOCATION: NW NW S 3 T4N R15W COUNTY: Lamar

LOCATION DESCRIPTION: On Gravel Rd 300ft West of Elev. tank on Hwy 589
2.6 mi. N. of Hwy 98.

CASING DIA: _____ PUMP TYPE & SIZE: Sub

GPS FIELD LOCATION: LAT. 31° 20.775 LONG. 89° 29.909

GPS CORRECTED LOCATION: LAT. 31.346373 LONG. 89.498617

REMARKS: GPS at well

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

306 LINE
(SUMRALL)

89° 30' 263000m E. 264 265 266 27' 30"

31° 22' 30"

