

GW01898 0370004-01

4000

FORM 9-1642 (1-68)

Well No. E141

WELL SCHEDULE GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

5-2-2010

MASTER CARD

J.M

BOWC

Record by

WTR

Source of data

MSGS

Date 6/71

Map Hattiesburg

State

28

County (or town)

LAMAR

37

Latitude:

31 19 12 N

Longitude:

08 9 21 28

Sequential number:

1

Lat-long accuracy:

2 4 14 14 1/2

Sec 14 1/2

SE, SE, SW, SW/NW/NW/NE

Local well number:

E141DC1204N14W

Other number:

Local use:

184079 87110

Owner or name:

Test Well #3

Owner or name:

LAMAR PARK WA

Address:

Lamar Park Water & Sewer Assoc.

Ownership:

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

Water Dist

N

Use of water:

Alr cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec,

Use of well:

Stock, Instit, Unused, Recharge, Desal-P S, Desal-other, Other WA

DATA AVAILABLE:

Well data

70

Freq. W/L meas.:

Field aquifer char.

72

Hyd. lab. data:

Qual. water data: type:

MSBON

Freq. sampling:

73

Pumpage inventory:

no. period:

Aperture cards:

Log data:

10' - 983'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD

Depth well:

714

ft

Meas. rept

24

3

Depth cased:

664

ft

Casing type:

BI

20

Diam.

10 3/4

in

29

10

Finish:

porous concrete, gravel w. concrete, gravel w. (perf.), gravel v. (screen), horz. gallery, open end, horz. open perf., screen, sd. pt., shored, open hole, other

Method Drilled:

air bored, cable, dug, hyd, jetted, rot., air, percussion, rotary, reverse, air, driven, drive wash, other

Date Drilled:

971

33

Pump intake setting:

ft

36

38

Driller:

GRINER

Lift (type):

air, bucket, cent, jet, multiple, multiple, noise, piston, rot, submerg, curb, other

Power (type):

diesel, gas, gasoline, hand, wind, K.P., LP, Trans. or meter no.

Descrip. MP

282

ft

above

below

LSD, Alt. MP

Alt. LSD:

288

42

Accuracy:

topo

(source)

47

5

Water Level

143

43

Accuracy:

150

48

51

Method determined

4

Date meas.:

871

53

Yield:

315

gpm

50

Pumping period

hrs

46

2

QUALITY OF WATER DATA:

Iron

ppm

Sulfate

ppm

Chloride

ppm

Hard.

ppm

71

72

Sp. Conduct

195

K x 10⁶

Temp.

2

73

Date sampled

230

74

76

77

78

Taste, color, etc.

Field Anal

Fe = trace

pH = 7.7

79

80

TRANSMITTED FOR ADP

Well No.

E-141

Well No. _____

E141

Latitude-longitude _____

N

S

HYDROGEOLOGIC CARD

17 SAME AS ON MASTER CARD 18 Physiographic Province: 19 0:3 Section: 20 21

22 D Drainage Basin: 23 1:3:N 24 Subbasin: 25 26

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

28 MAJOR AQUIFER: 29 T.M (perm.) C.T.H.L. ✓ 30 C.A aquifer, formation, group 31

32 Lithology: 33 U.S Origin: 34 3 Aquifer Thickness: 35 75 ft

36 Length of well open to: 37 7:0 ft 38 5:0 Depth to top of: 39 6:6:0 ft 40

41 MINOR AQUIFER: 42 system series 43 aquifer, formation, group 44 45 46 47

48 Lithology: 49 Origin: 50 Aquifer Thickness: 51 ft

52 Length of well open to: 53 ft 54 Depth to top of: 55 ft 56 57 58

59 Intervals Screened: 60 8" 304 S.S.

61 Depth to consolidated rock: 62 ft 63 Source of data: 64

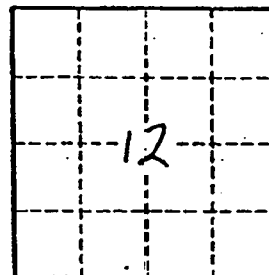
65 Depth to basement: 66 ft 67 Source of data: 68

69 Surficial material: 70 Infiltration characteristics: 71 72

73 Coefficient Trans: 74 303 gpd/ft 75 Coefficient Storage: 76 77

78 Coefficient Perm: 79 430 gpd/ft²; Spec cap: 10 gpm/ft; Number of geologic cards: 80

See location on schedule E124



Well No.

E-141

ELog # 179

LAMAR
E-141
7-71

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

CODED

WATER WELL DRILLERS LOG

July 1971 data well completed
Armer Drilling Service firm name
Lamar county well located

LANDOWNER: LAMAR PARK	description of formations encountered	from	to
WATER & SEWER ASSOCIATION	Top Soil	0	2
Well # 2	Sand	2	24
(mailing address)	Clay	24	110
WELL LOCATION:	Sand	110	126
sec. 12 T. 40 N. R. 14 E. SE 1/4 SW 1/4	Clay	126	272
(distance) miles (direction) of (nearest town)	Sand (shrink)	272	335
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	Sandy Clay	335	380
WELL COMPLETION DATA:	Sand	380	432
(1) diameter (inches) 10 3/4	Clay	432	460
(2) total depth (feet) 714	Sandy Clay	460	492
(3) static water level (feet) 145 below top of ground	Shud / Clay streaks	492	570
(4) casing B.I. 630' (material) (depth)	Clay	570	660
10 3/4 (size) If telescope see back.	Sand	660	738
(5) screen 50' 664' (length) (depth to top)	Sandy Clay	738	773
8 (size) 304 S.S. (material)	Sand + Clay streaks	773	783
(6) pump 40 (HP) 315 (yield gpm)			
Elect (type power)			
(7) electric log Yes (yes or no)			
MGS (organization running log)			
(8) how well bottom plugged Back Wash Valve			
DRILLERS REMARKS: Test Well # 3 at location			

CODED

SEP 7 1971

MISS. BD. OF WATER COMM.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

H-Bury Quad.

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

UNIT DEQ #: 82555 FILE #: C071514A

HEALTH DEPT. #: 370004-01 ELEV. _____

USGS #: 236 E141 OLWR #: GW1898

OWNER: Lamar Park w/s Assn.

LOCATION: NW NE S 13 T4N R14W COUNTY: Lamar

LOCATION DESCRIPTION: .15m SE. of Intersection of Ford Ave + Lamar Ave.
On Ford Ave.

CASING DIA: _____ PUMP TYPE & SIZE: 40^{hp} Elec

GPS FIELD LOCATION: LAT. 31° 18.999 LONG. 89° 21.335

GPS CORRECTED LOCATION: LAT. 31.316669 LONG. 89.355693

REMARKS: Gps at well

3470
370001-03
20'
3468
COLUMBIA 27 MI.
LOLOH 13 MI.
3467
3146 IV SW
(HATTIESBURG SW)
3466
3465
17'30"
3464



Wardell
Mixon's BR 195
Varnado
CENTRAL
Gulf
Radio Tower
B'nai Israel Cem
Highland Cem

Arnold's Line

180002

Magnolia Memorial Gardens

Lamar Park

Lairds Lake

New Bethel Forest Memorial Park

Marfield Cem

18-01

Trailer Park

UNIVERSITY OF SOUTHERN MISSISSIPPI

ARLINGTON LOOP

Thames High Sch

Gordons

Radio Tower
Gravel Pit