

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by RET Source of data BOWC Date 10-22-70 Map Tie Plant

State 28 County (or town) 22

Latitude: 33 43 15 N Longitude: 08 9 46 54 Sequential number: 1

Lat-long accuracy: 3 22 N 5 E 33 SW NE SW

Local well number: H055DC3322NO5E Other number: B & M

Local use: 002 Owner or name: Heatercraft, Inc.

Owner or name: MCQUAY INC. Address: _____

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z) N

Use of (A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z) W

well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed.

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: WLCXM 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: yes no, period: 76

Aperture cards: yes 77

Log data: D 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 487 Meas. 24 3

Depth cased: 447 Casing type: 23 accuracy 29 30

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, (C) (F) (G) (H) (I) (P) (S) (T) (W) (X) (Z) 5

Method (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) H

Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive wash, other

Date 7-6-72 Pump intake setting: 35 ft 36 38

Driller: R. Ratliff

Lift (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) T Deep 40

(type): air, bucket, cent, jet, (cent.) (turb.) none, piston, rot, submerg, turb, other

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 41 Trans. or meter no. 42

Descrip. MP 210 ft above 43 below LSD, Alt. MP 44

Alt. LSD: 245 Accuracy: 47 4

Water Level: 19 Accuracy: 52 D

Date 8-6-72 Yield: 50 53 gpm 250 Method determined 61

Drawdown: 62 Accuracy: 63 Pumping period 64 hrs 65

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 73 K x 10 74 Temp. 75 Date sampled 76 77 79

Taste, color, etc. 78

Well No. H55

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic
Province: 03 Section:

D Drainage
Basin: 156 Subbasin:

(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

MAJOR
AQUIFER: TE WLCXM TW
system series aquifer, formation, group

Lithology: 5 Origin: 2 Aquifer
Thickness: ft

47 Length of 40 Depth to
well open to: ft top of: ft 440

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

Lithology: 48 49 Origin: 50 Aquifer
Thickness: ft

51 Length of 54 Depth to
well open to: ft top of: ft 57 59

Intervals
Screened: 447-487 ft 40' x 4"

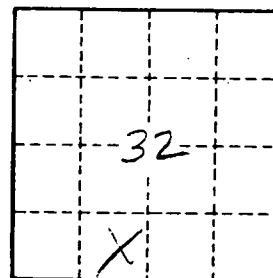
Depth to
consolidated rock: ft 60 61 Source of data: 64

Depth to
basement: ft 63 64 Source of data: 69

Surficial
material: 70 71 Infiltration
characteristics: 72

Coefficient
Trans: gpd/ft 73 74 Coefficient
Storage: 76 78

Coefficient
Perm: 8 gpm/ft; Spec cap: 8 gpm/ft; Number of geologic cards: 79



Well No. H55

GRENADE MISSISSIPPI BOARD OF WATER COMMISSIONERS

H 55

8-18-62

WATER WELL DRILLERS LOG

Date Aug. 18, 1962, Driller: Robert E. Ratliff County Grenada

(Name)

(1) Owner of Land: M. Quay Inc.

(Name)

Grenada, Mississippi

(Address)

(2) Location: SE 1/4, SW 1/4, Sec. 32 T²² R⁵

 miles of

(distance)

(direction)

(Nearest Town)

(3) Topography:

(Hilly)

(Flat)

(Level)

(4) Purpose of Well: Industrial

(Domestic Irrigation
Municipal, Industrial, Other)

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

Thick-
ness
Feet

Depth
Feet

Clay	0	15
Sand	15	35
Shale	35	40
Sand	40	120
Shale	120	157
Rock	157	158
Shale	158	165
Sand	165	270
Shale	270	285
Sand	285	325
Shale	325	330
Fine Sand	330	380
Hard Limb	380	440
White Sand	440	487

Information upon completion of well:

(1) Diameter 12 inches.

(2) Total Depth 487 feet.

(3) Water Level 19 feet below top of ground.

(4) Cased to 440, Size 12

(5) Screen: Size 6", Length 40'

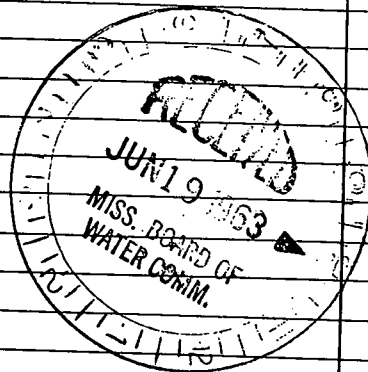
(6) Were any formations sealed against pollution?

✓ yes, no.

If YES depth of formation 440 feet

Why

Drillers Remarks: 250 gpm



Well No.

Retain this copy for your office files.

(Use Back Side)

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 11/4/97
UNIT DEQ #: _____ FILE #: B110416D
HEALTH DEPT. #: 220060-02 ELEV. 210
USGS #: H55 OLWR #: GW03169
OWNER: Heatecraft QUAD: Tie Plant
LOCATION: NE/SW S 33 T22N R5E COUNTY: Grenada
LOCATION DESCRIPTION: In shed on south side of plant right
outside fence west of back water tower
CASING DIA: _____ PUMP TYPE & SIZE: Turbine, 20 HP
GPS FIELD LOCATION: LAT. 33°43'30.8"N LONG. 89°46'52.6"W
GPS CORRECTED LOCATION: LAT. 33.724959 LONG. 89.781312
REMARKS: _____

240

241

47' 30"

242

670000 FEET

244

