

FORM 9-1642 (1-68)

Well No. H60

CODED

WELL SCHEDULE

E Log 7.50

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTR Source of data MSGs Date 3/69 Map Tie Plant

State 28 County (or town) GRENADA 22

Latitude: 33 43 18 N Longitude: 079 46 48 Sequential number: 1

Lat-long accuracy: 3 T. 22 S. R. 5 E. Sec 33 NESE t. SW t.

Local well number: H060DC3322N05E Other number: B & M

Local use: 002050 469 69 Owner or name: Heatcraft Inc

Owner or name: MCQUAY INC Address: GRENADA MISS

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other IN

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char. 2

Hyd. lab. data:

Qual. water data; type: MSBON 4/69

Freq. sampling: Pumpage inventory: period:

Aperture cards: yes

Log data: E log 5' - 588' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1530 ft Meas. rept. accuracy 3

Depth cased: (first perf.) 330 ft Casing type: 16 X 8 in Diam. 16

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) horiz. screen, (H) w. gallery, (I) open end, (J) percuss, (K) rot., (L) air reverse, (M) percuss, (N) rotary, (O) percussion, (P) rot., (Q) air reverse, (R) driven, (S) wash, (T) other 5

Method: (A) air bored, (B) cable, (C) dug, (D) hyd jected, (E) rot., (F) percuss, (G) rotary, (H) air reverse, (I) driven, (J) wash, (K) other H

Date Drilled: 4/14/69 9/6/69 Pump intake setting: 36 ft 38

Driller: Robert P. Liff Grenada

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 40 Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 50 Trans. or meter no. 41

Descrip. MP 205 ft above below LSD, Alt. MP 47

Alt. LSD: 223 Accuracy: (source) 100 47

Water Level: 37 ft above below MP; Ft below LSD 37 Accuracy: 52

Date meas: 469 Yield: 578 gpm Method determined 41

Drawdown: 4 ft Accuracy: 4 Pumping period 4 hrs 41

QUALITY OF WATER DATA: Iron 49 ppm Surface 70 ppm Chloride 71 Hard. 72

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

Taste, color, etc. pH: 8.4 Fe. less than .1 Cl 25 TS = 268

PUNCHED AND VERIFIED

Well No.

H60

Well No. _____

H60

Latitude-longitude _____

N
S

HYDROGEOLOGIC CARD

19 SAME AS ON MASTER CARD

Physiographic Province: _____

20 21 03

Section: _____

22 D

Drainage Basin: _____

23 25 156

Subbasin: _____

26

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

MAJOR

AQUIFER: _____

system

series

28 29 TE

WLCXM

aquifer, formation, group

30 31 TW

Lithology: _____

32 33 25

Origin: _____

34 2

Aquifer Thickness: _____

ft

35 37 80 Length of well open to: _____

ft

38 40 80

Depth to top of: _____

ft

41 43 310

MINOR AQUIFER: _____

system

series

44 45

aquifer, formation, group

46 47

Lithology: _____

48 49

Origin: _____

50

Aquifer Thickness: _____

ft

51 53 Length of well open to: _____

ft

54 56

Depth to top of: _____

ft

57 59

Intervals Screened: _____

Depth to consolidated rock: _____

ft

60 63

Source of data: _____

64

Depth to basement: _____

ft

65 68

Source of data: _____

69

Surficial material: _____

70 71

Infiltration characteristics: _____

72

Coefficient Trans: _____

14,000

gpd/ft

73 75 143

Coefficient Storage: _____

76 78

Perm: _____

120

gpd/ft²; Spec cap: _____

6.9

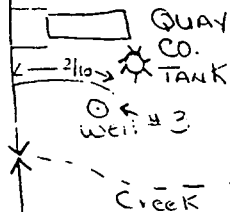
gpm/ft; Number of geologic cards: _____

79

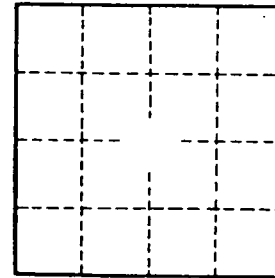


GRENADE

↑ HYSI ↓



511
Screen
330 - 370 ft
410 - 530 ft



TEMW 25 - 260
TETW 260 - ?

Rept 500 ft

Well No.

H60

GRENADA
H 60
7-11-69
USGS

USGS

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

CODED

WATER WELL DRILLERS LOG

July 11 1969 Robert E. Ratliff Co. Grenada
date well completed firm name county well located

LANDOWNER: McQuay, Inc.

description of formations encountered

from to

(mailing address)
WELL LOCATION:
sec. 33 T. 22 N. R. 5 E.
S W
2 1/2 miles S of Yemba
(distance) (direction) (nearest town)

Top Soil	0	20
Sand	20	54
Clay	54	60
Sand	60	114
Sandy Shale	114	180
White Coarse Sand	180	260
Hard Clay	260	310
Sand	310	400
Clay	400	440
Sand	440	470
Clay	470	490
Fine Sand	490	540
Sandy Clay and Shale	540	588

WELL PURPOSE:
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

- (1) diameter (inches) 16"
- (2) total depth (feet) 536'
- (3) static water level (feet) _____ below above top of ground.
- (4) casing 16" 190'
(material) (depth)
(size) If telescope see back.
- (5) screen 80' 330' & 190'
(length) (depth to top)
8" Stainless Steel
(size) (material)
- (6) pump 50 500 GPM
(HP) (yield gpm)
Electric
(type power)
- (7) electric log Yes (E-log #50)
USGS (yes or no)
Miss. Geological
(organization running log)
- (8) how well bottom plugged _____

CODED

Two screen settings of 40ft each?

DRILLERS REMARKS:

7-11-69
MISS. GEOLOGICAL
WATER COMMISSIONERS

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Nardin/Phillips DATE: 11/4/97
UNIT DEQ #: _____ FILE #: B110416C
HEALTH DEPT. #: 220060-03 ELEV. 205
USGS #: 460 OLWR #: GW03168
OWNER: Heatcraft QUAD: Tie Plant
LOCATION: SE/SW S 33 T 22N R 5E COUNTY: Grenada
LOCATION DESCRIPTION: In field south of Heatcraft plant

CASING DIA: _____ PUMP TYPE & SIZE: Turbine
GPS FIELD LOCATION: LAT. 33°43'24.2"N LONG. 89°46'48.8"W
GPS CORRECTED LOCATION: LAT. 33.723806 LONG. 89.780209
REMARKS: Measured 10' south of well

240

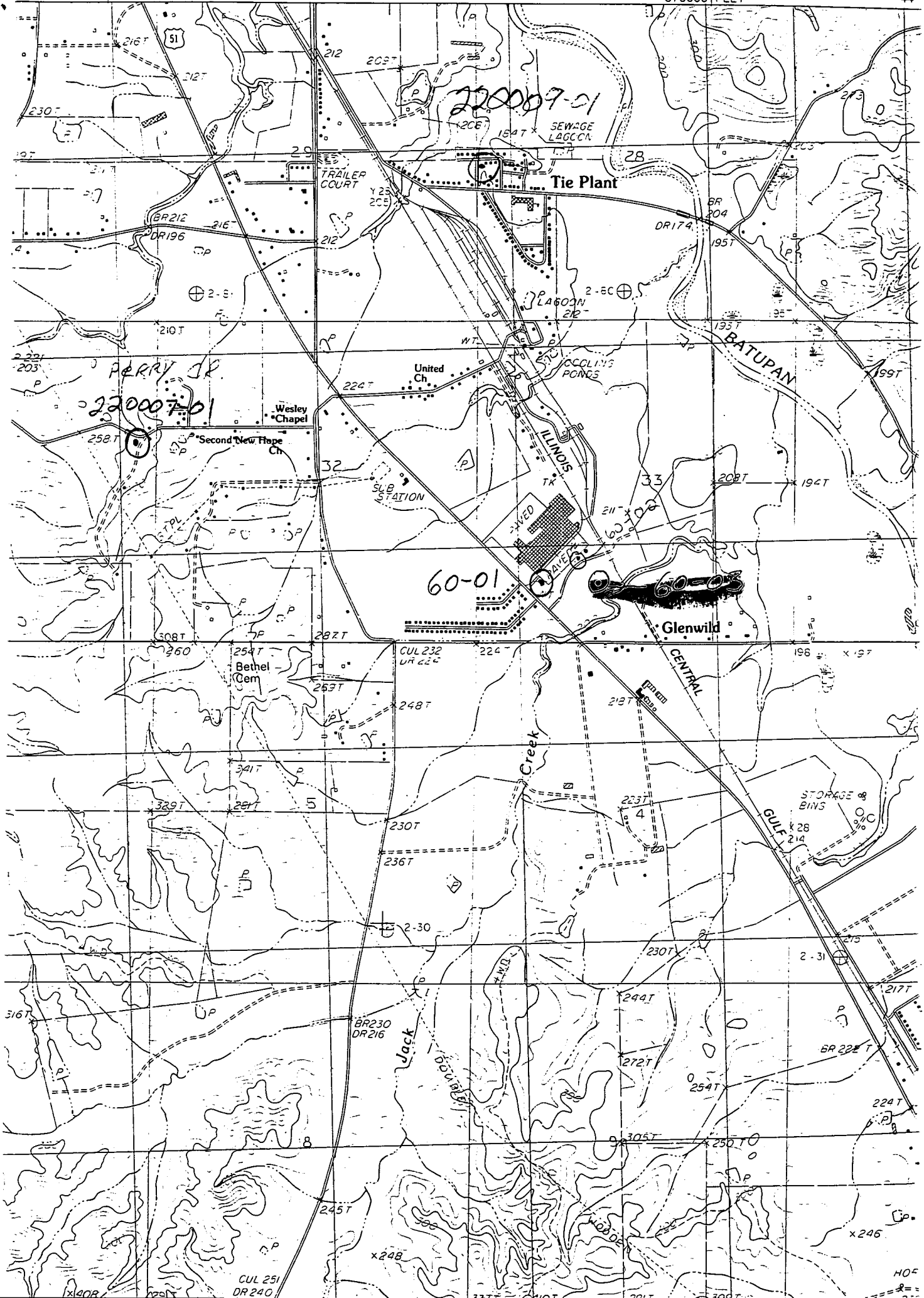
241

47' 30"

242

670000 FEET

244



200009-01

PERRY DR
PERRY JR
220007-01

60-01

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Tie Plant

BATUPAN

Glenwild

CENTRAL

STORAGE & BINS
GULF

Creek

Jack

CUL 251
DR 240

HOF