

U. S. DEPT. OF THE INTERIOR **FILE COPY** **WELL SCHEDULE** **PUNCHED**
GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Dir. & E Log Date 10-29-68 Map Nettleton Quad

State Mississippi County Monroe (or town) 48

Latitude: 34° 04' 02" N Longitude: 088° 30' 38" W Sequential number: 1

Lat-long accuracy: 1 T. 12 N. R. 7 W. Sec. 1 SE 1 SW 1 NE 1

Local well number: B017CA0112S07E Other number: _____ B & M

Local use: 002054 Owner or name: Cason Water Assoc - Jack

Owner or name: CASON W A Address: Lami E Nettleton

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 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: USGV 7/78

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

Aperture cards: _____

Log data: E Log 6-384 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 346 Meas. 3

Depth cased: Split screen ft 285 Casing type: Road ; Diam. 6X10 in 10

Finish: porous concrete, gravel w. (perfl.), (F) gravel w. (screen), (C) horiz. gallery, (H) open end, (O) perf., (P) screen, (S) sd. pt., (T) shored, (W) open hole, (X) other, (Z) _____ S

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (H) air reverse, (J) percuss, (P) rotary, (R) trenching, (T) driven, (V) drive wash, (W) other, (Z) _____ H

Date Drilled: 10-68 968 Pump intake setting: _____ ft _____

Driller: Robert Ratliff Drilling Co, Grenada, Miss

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

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (H) hand, (J) gas, (P) wind, (R) H.P., (S) _____ 20 Trans. or meter no. V

Descrip. MP 345 ft above LSD, Alt. MP _____

Alt. LSD: 350' Accuracy: 10' CI 4

Water Level: 140 ft above below MP; Ft. below LSD 140 Accuracy: 80 D

Date meas: 068 Yield: _____ gpm 150 Method determined _____

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

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

Sp. Conduct 150 K x 10⁶ Temp. 77.8 Date sampled 778

Taste, color, etc. pH = 6.3

10' 10"
5/18/88
Alt = 345'
pump is on.

Well No. B17
12

Well No. B17

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

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 34

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G0 *(Eutaw)*

Lithology: U5 Origin: 2 Aquifer Thickness: clay loam ft

Length of well open to: 55 ft Depth to top of: 284 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: 6" S.S.

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

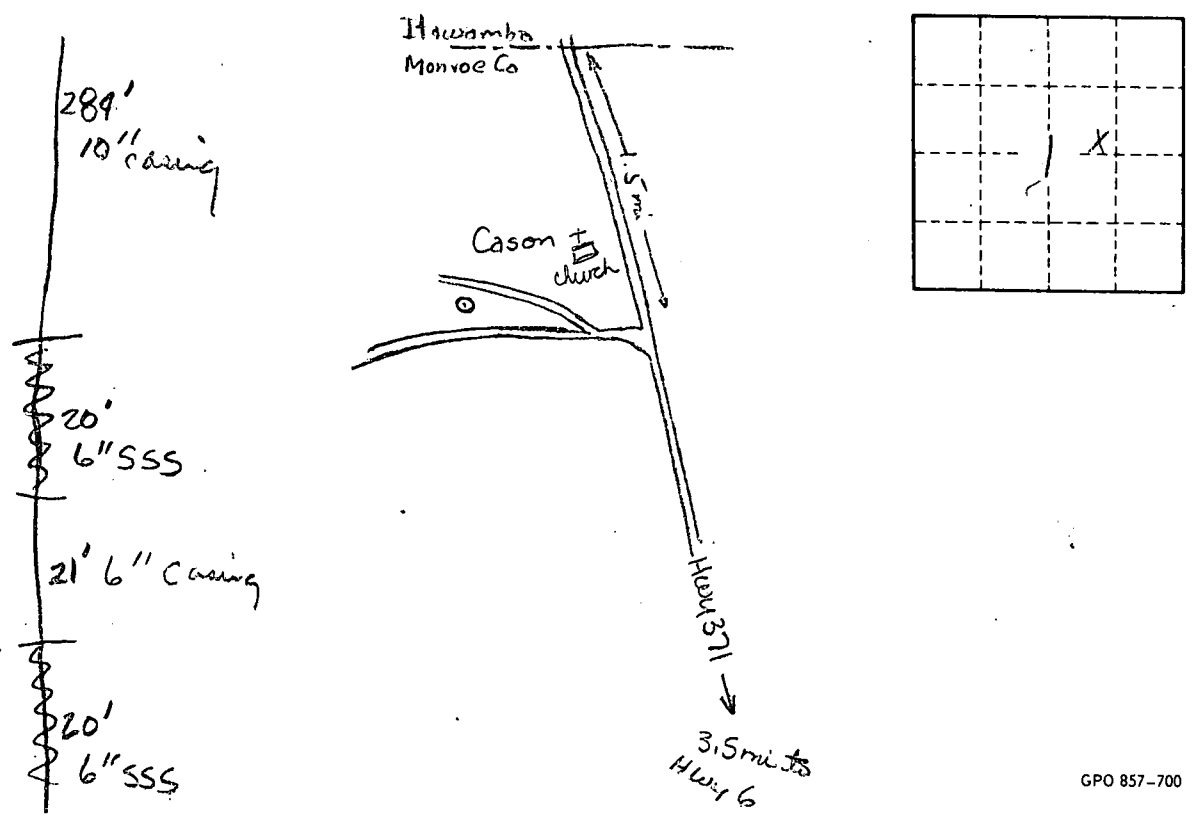
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

PUMP OFF 10:32
 5/19/88
 11:40
 220.
 34.00
 186.00
 2.00
 184.00 DD



Monroe
 B17
 11-68
 U.S.G.S.
 Nov, 1968

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

CODED
 ELOG #54

CODED

WATER WELL DRILLERS LOG

Robert E. Ratliff Co. Monroe

date well completed

firm name

county well located

LANDOWNER: Cason Water District, Inc.
 Monroe County, Miss
 (mailing address)

WELL LOCATION:

sec. 1 T. 12 N. R. 7 E
 6 miles S. E. of Amory
 (distance) (direction) (nearest town)

WELL PURPOSE:

(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:

- (1) diameter (inches) 10 x 6
- (2) total depth (feet) 346
- (3) static water level (feet) 140 below top of ground.
- (4) casing Bl. St. 284' (material) (depth)
 10" (size) If telescope see back.
- (5) screen 40' 285' (length) (depth to top)
 1/2" (size) st. st. (material)
- (6) pump 20 150 (HP) (yield gpm)
 3 phase (type power)
- (7) electric log Yes (yes or no)
 U.S.G.S. (organization running log)
- (8) how well bottom plugged S.S.
 Plate welded on bottom of screen

description of formations encountered	from	to
Red clay + sand	0	23
sand	23	44
sand + clay	44	65
clay	65	86
clay	86	107
sandy shale	107	128
clay	128	149
sandy shale	149	170
shale	170	191
shale + sand	191	212
sand + shale	212	233
sand, shale, lignite	233	254
sand + shale	254	278
shale, sand, gravel	278	296
shale + sand	296	338
shale, sand, rock	338	359
shale + sand	359	383
sand	383	395
shale	395	405

CODED

DEC 18 1968

DRILLERS REMARKS:

21' of stoppin between screens

MISS. BD. OF
 WATER COMM.

If well telescopes please sketch and show depths.

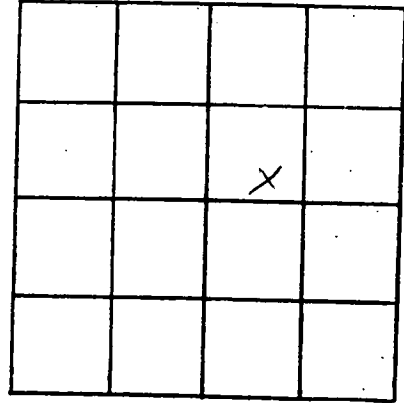
GROUND LEVEL

← 284' g
10" casing

20' g
6" screen

21' g 6"
Blank pipe

20' g
6" screen

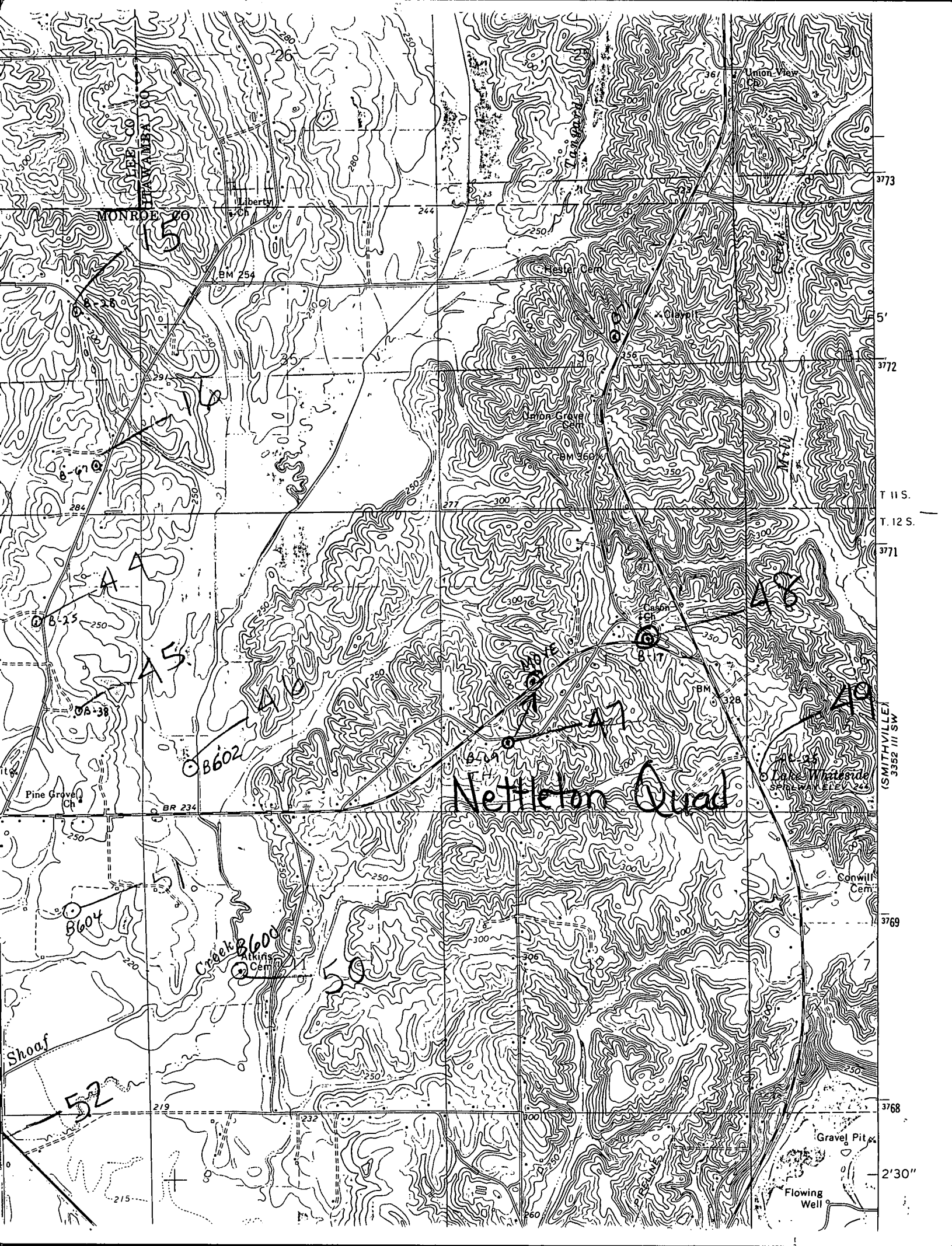


SECTION 1

Please indicate well location X.

ADDITIONAL INFORMATION

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



MONROE 26

LIBERTY

Union View

Liberty

Union Cem

Union Cem

Cason

Pine Grove Ch

Duke Manside

Conwill Cem

Atkins Cem

Gravel Pit

Flowing Well

Nettleton Quad

3773

5'

3772

T. 11 S.

T. 12 S.

3771

(SMITHVILLE)
3352 1/4 SW

3769

3768

2'30"