Correction made for printout Well no. Elev. Land. } 12/15/76 JRC

~~Loc. quest~~

WRD Exp. (GW)
April 1966

Well No. C19

WELL SCHEDULE

E Log 28

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

NOV 14 1972

MASTER CARD

Record by P.E. Grantham Source of data Drlr. + E Log Date 10-19-66 Map

State Mississippi 28 County (or town) Clay Co 13

Latitude: 33 39 05 N Longitude: 088 59 21 Sequential number: 1

Lat-long accuracy: 2 T 16 N R 3 E Sec 33 ~~28~~, NW ¼, NW ¼, NE ¼ B & M

Local well number: C019CD281G503E Other number: ~~Formerly~~

Local use: 021028 Owner or name: Walker Gin Water Assoc.

SILOAM
Owner or name: SILØAM W A W ? Address: Cedar? Miss

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (Ø) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. W

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

Hyd. lab. data:

Qual. water data; type: USGS 4/72 C

Freq. sampling: Ø Pumpage inventory: yes no, period:

Aperture cards: yes

Log data: E. Log 49 - 1176 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft 1176 Meas. rept accuracy 3

Depth cased: (first perf.) ft 1116 Casing type: Steel; Diam. 6 in in 6

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

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

Date Drilled: 10-66 966 Pump intake setting: ft

Driller: Herndon-Homan (name), Shannon, Miss (address)

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 7 1/2 U Trans. or meter no.

Descrip. MP hole in top of casing 300' ~~(4.0/89)~~ 3 ft above below LSD, Alt. MP

Alt. LSD: 250 Est 250 Accuracy: (source)

Water Level 107.4 ft above below MP; Ft above below LSD 107 Accuracy: A

Date meas: 472 Yield: gpm 50 Method determined 4

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct 1000 K x 10^6 4 Temp. °F 215 Date sampled 472

Taste, color, etc. pH = 8.4

Well No. C19

REPUNCHED AND VERIFIED ... BRANCH

Well No. C19

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (1–19)

Physiographic Province: [03] (20–21) Section: ______

[D] (22) Drainage Basin: [13E] (23–25) Subbasin: ______ [ ] (26)

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

MAJOR AQUIFER: ______ system, ______ series [K3] (28–29) ______ aquifer, formation, group [TM] (30–31)

Lithology: ______ [US] (32–33) Origin: ______ [6] (34) Aquifer Thickness: ≥ 50 ft

[ ] (35–37) Length of well open to: ______ ft [60] (38–40) Depth to top of: 1112 ft [A11] (41–43)

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: ______ gpd/ft [ ] (73–75) Coefficient Storage: ______ [ ] (76–78)

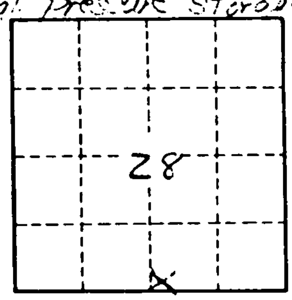
Coefficient Perm: ______ gpd/ft^2; Spec cap: ______ gpm/ft; Number of geologic cards: ______ [ ] (79)

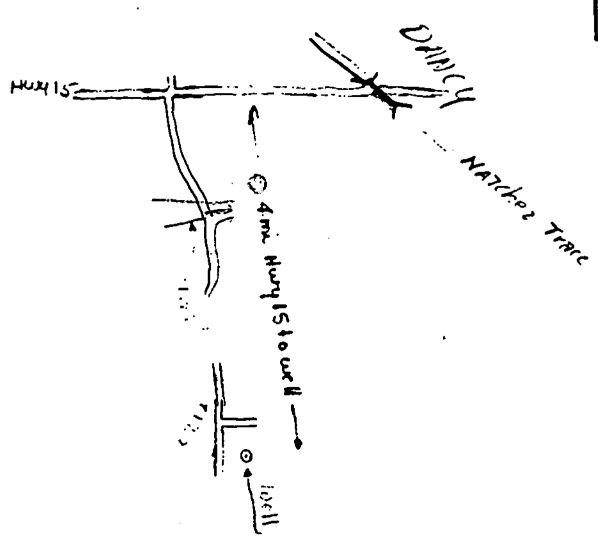
[illegible] level, Nov., 1965
by driller 120' below lsd

Dr. Walker has keys; lives in house just W. of well on N side of road.

No Q for pumping test.

20 customers
[illegible] gal. Pressure storage tank





Well No. C19

GPO 857–700

SW SW SE 28 16S 3E
E109 #28

Clay
C 19
11- 6E
U.S.G.S.

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

CODE#

WATER WELL DRILLERS LOG

Nov. 1966 Herndon-Homan Well Supply Clay Co
date well completed — firm name — county well located

LANDOWNER: Walker's Gin
Water Assoc.
Dancy, Miss.
(mailing address)

WELL LOCATION:
sec. 28 T 16 N R 3 E
SW/4 SE/4 SE/4
(distance) miles (direction) of (nearest town)

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

WELL COMPLETION DATA:
(1) diameter (inches) 6"
(2) total depth (feet) 1176
(3) static water level (feet) 120 below above top of ground.
(4) casing Steel (material), 498 (depth),
6" (size) if telescope see back.
(5) screen 60' (length), 1116 (depth to top)
3" (size), Stainless Steel (material)
(6) pump 7½ (HP) 50 (yield gpm)
Electric (type power)
(7) electric log Yes (yes or no)
USGS (organization running log)
(8) how well bottom plugged B/W

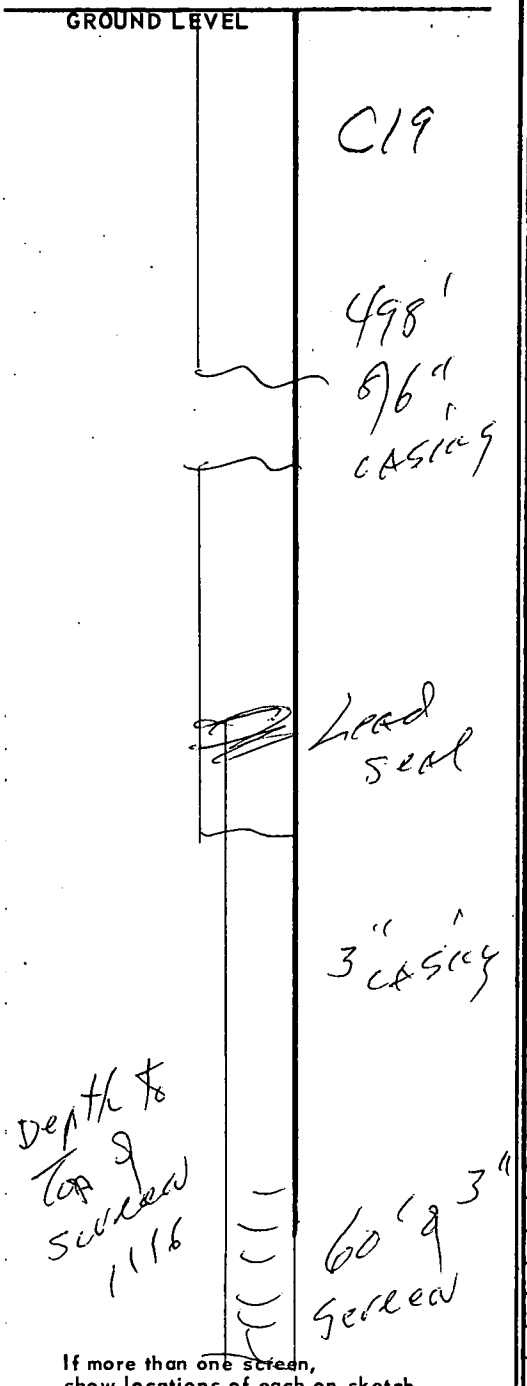
DRILLERS REMARKS:

description of formations encountered	from	to
Surface Sand & Clay	0	8
Sandy Red Clay	8	23
Blue Clay	23	486
Sandy Blue Clay	486	558
Gummy Blue Clay	558	846
Light Sand	846	1023
Sand with Shale Strks	1023	1100
Water Sand (light	1100	1176
Bottom	1176	

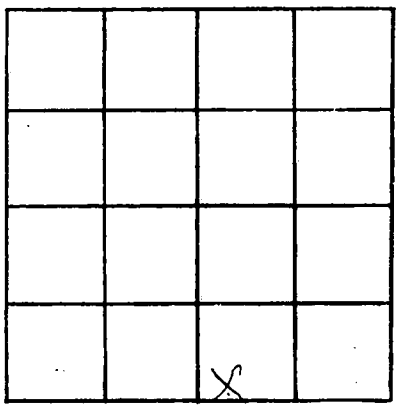
APR 30 1969
MISS. BD. OF WATER COMM.
MISS. BD. OF WATER COMM.

(X)

If well telescopes please sketch and show depths.



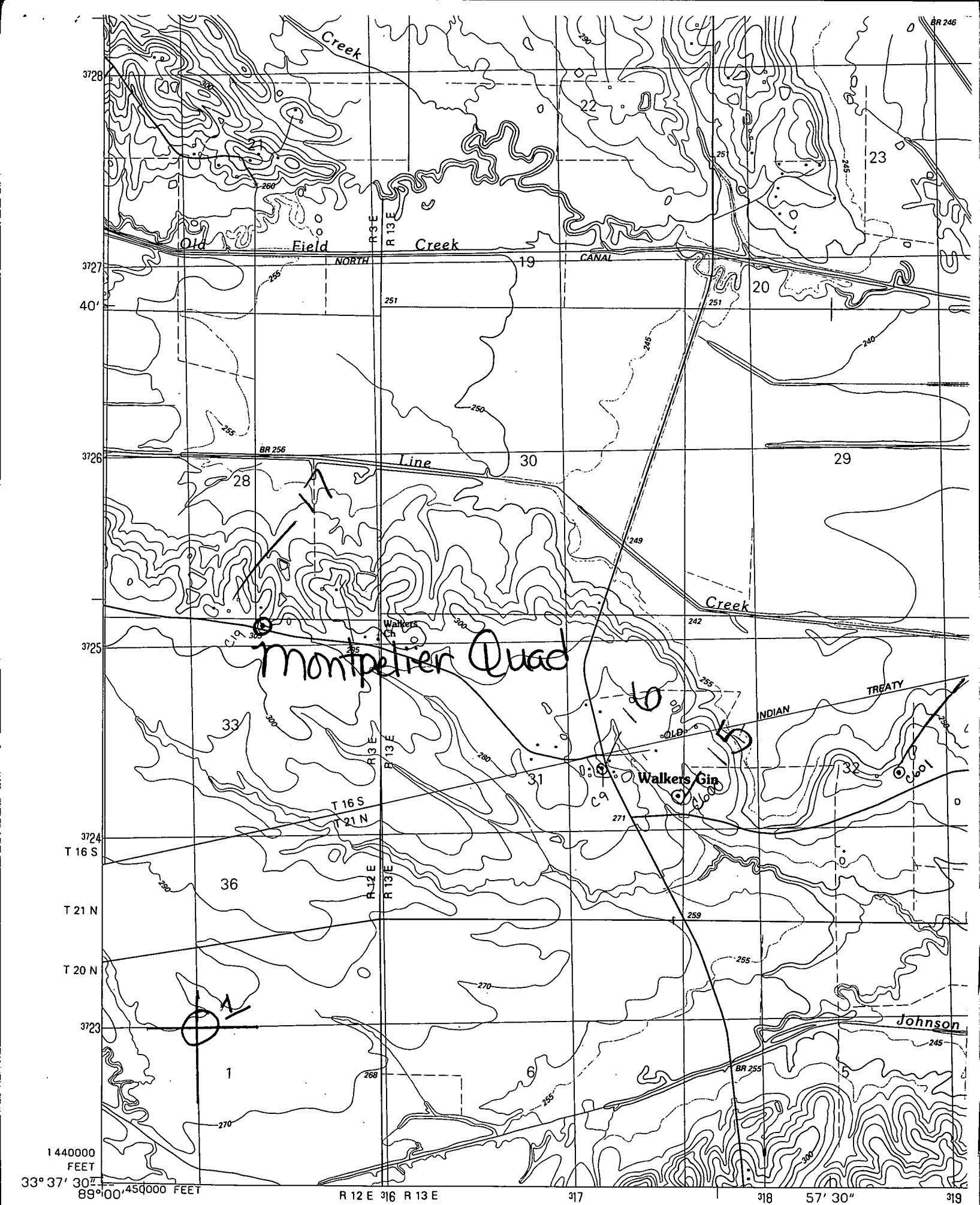
If more than one screen, show locations of each on sketch.



SECTION 28

Please indicate well location X.

ADDITIONAL INFORMATION



(MABEN) 3151 II SE

Produced by the United States Geological Survey

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Topography by photogrammetric methods from aerial photographs

GN MN