

Troy SE

April 1966

Well No. N 20

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by HERNAN Source of data ELIAC Date 2/27/67 Map _____

State 29 County (or town) LEE Sequential number: 421

Latitude: 34° 04' 38" N Longitude: 088° 45' 23" W

Lat-long accuracy: 1' T 1' N, R 5' W, Sec 39 SW, INE $\frac{1}{2}$, SE $\frac{1}{2}$, SE $\frac{1}{2}$

Local well number: N 020DD3411S05E Other number: 249

Local use: _____ Owner or name: _____

Owner or name: TERRY HELMS Address: RT 1 SHANNON

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

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, Other H

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, Other W

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

Hyd. lab. data: _____

Qual. water data; type: _____

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

Aperture cards: _____ yes

Log data: ELIAC

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 460 ft Meas. rept DRL accuracy 3

Depth cased: (first perf.) 22 ft Casing type: _____; Diam. in 4

Finish: (C) porous concrete, (F) gravel w. (perfl.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored hole, (N) other, (O) _____ X

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd. rot., (F) jetted, (G) air percussion, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other H

Date Drilled: OCT 1962 9:6:2 Pump intake setting: _____ ft

Driller: HERNAN SHANNON

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 Deep Shallow 40

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

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

Alt. LSD: 320 Accuracy: (source) 7000 4

Water Level: _____ ft above below MP; _____ ft below LSD 100 Accuracy: DRL 7

Date meas: 062 Yield: _____ gpm Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs

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

Sp. Conduct _____ K x 10⁶ Temp. _____ °F Date sampled _____

Taste, color, etc.: _____

TRANSMITTED FOR ADP

WELL NO.

N 20

Well No. N 20

Latitude-longitude N S
d m s d m s

HYDROGEOLOGIC CARD

1 SAME AS ON MASTER CARD 19 Physiographic Province: 03 Section: _____
22 D Drainage Basin: 13C 23 Subbasin: _____ 26

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

MAJOR AQUIFER: _____ system _____ series K3 28 29 EUTAW (UNC) aquifer, formation, group E2 30 31

Lithology: _____ 32 33 Origin: _____ 34 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 120 38 40 Depth to top of: _____ ft _____ 41 43

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

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

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

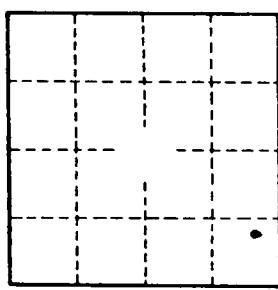
Depth to basement: _____ ft _____ 65 68 Source of data: _____ 69

Surficial material: _____ 70 71 Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft _____ 73 75 Coefficient Storage: _____ 76 78

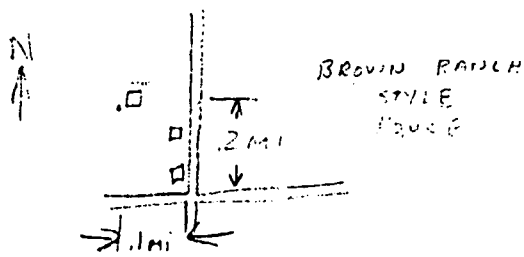
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

WL 100 3/20/67



Well No.

N 20



LEE
N 20

MISSISSIPPI BOARD OF WATER COMMISSIONERS

10-27-62

WATER WELL DRILLERS LOG

HERNDON WELL & SUPPLY CO.

Date: Oct 27, 1962, Driller:

P. O. BOX 42

County Lee

SHANNON, MISSISSIPPI

(1) Owner of Land:	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
Terry Helms (Name) At Shannon, Miss. (Address)	Surface sand & clay		0
(2) Location: 1/4, 1/4, Sec 34 T 115 R 2E 3 miles SW of Shannon (distance) (direction) (Nearest Town)	Blue rock		20
(3) Topography: Flat (Hilly) (Flat) (Level)	Sand		340
(4) Purpose of Well: Domestic (Domestic Irrigation Municipal, Industrial, Other)	Bottom		460
	↑ Braun Ranch		

Information upon completion of well:

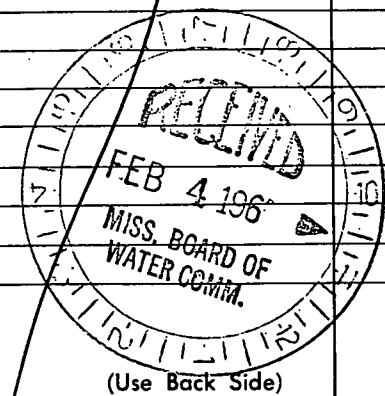
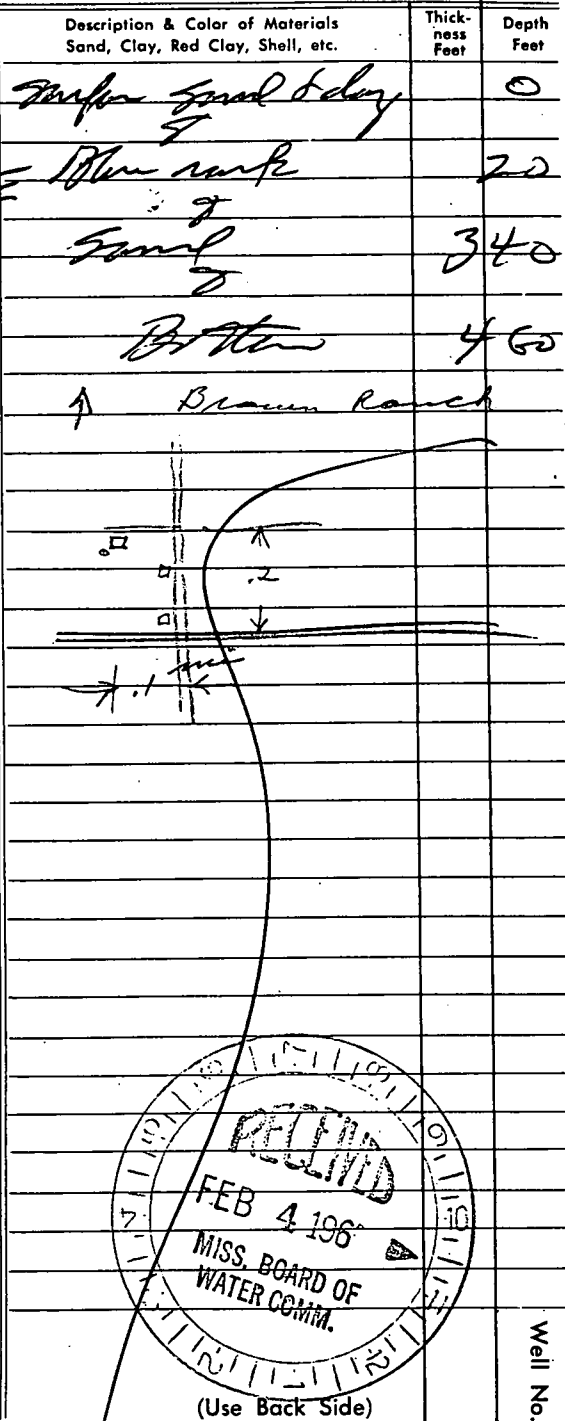
- (1) Diameter 4 inches.
- (2) Total Depth 460 feet. 100 3/20/67
- (3) Water Level 100 feet below top of ground.
- (4) Cased to 22'3", Size 4"
- (5) Screen: Size —, Length —
- (6) Were any formations sealed against pollution?
 yes, no.

If YES depth of formation 20 ft.

Why Surface & Sand

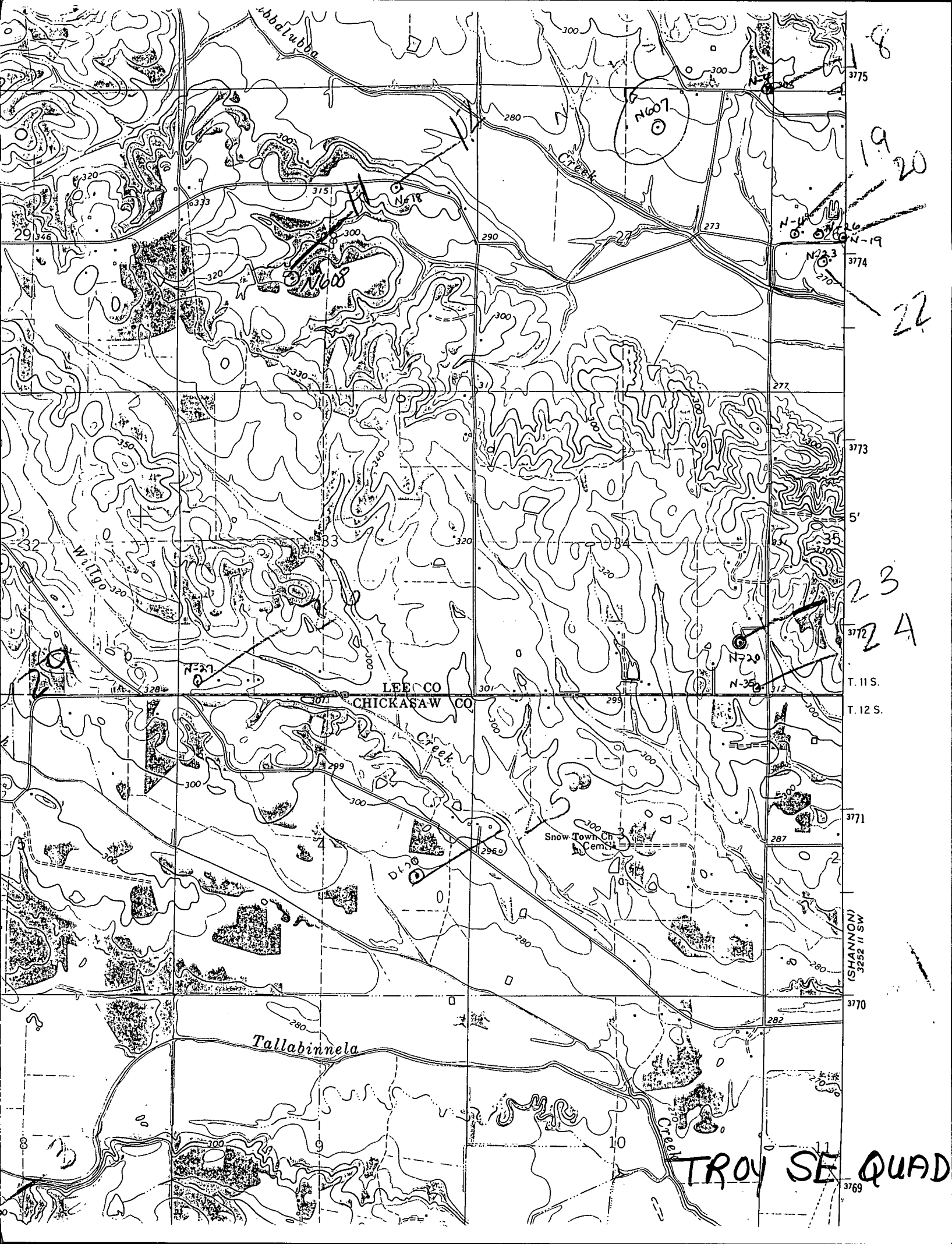
Drillers Remarks:

249 ELEV 320



Well No.

Mail this copy to Board of Water Commissioners 429 Miss. St. Jackson, Miss



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T. 11 S.
T. 12 S.

(SHANNON)
3252 II SW
3770

TROY SE QUAD
3769