

Revised
Eubanks

DOH # 70003-01

6W12809

Chalybeate

WRD Exp. (GW)
April 1966

Well No. **D9**

WELL SCHEDULE

E Log # 8

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by PE. Grantham Source of data BOWC Layne Central Date 5-67 Map

State Mississippi County (or town) Tippah 70

Latitude: 34 55 28 N Longitude: 08 85 14 7 Sequential number: 1

Lat-long accuracy: 2 T 2 S R 4 W, Sec 10, NW 1/4, NE 1/4, NE 1/4

Local well number: D0009AA1002504E Other number: B & M

Local use: 064008 Owner or name: Chalybeate Wtr. Assoc

Owner or name: CHALYBEATE W. A. Address: Chalybeate Miss

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

Use of (A) (E) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) well: 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: USGS 5/67

Freq. sampling: Pumpage inventory: no. period:

Aperture cards: yes

Log data: E Log 10-PDI (Does not reach aquifer) D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 855 ft Meas. rept 3

Depth cased: (first perf.) 1825 ft Casing type: Steel; Diam. 3x4 in accuracy 8

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other S

Method (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) Drilled: air bored, cable, dug, hyd jetted, air reverse-trenching, driven, drive rot., percussion, rotary, wash, other H

Date Drilled: 10-66 966 Pump intake setting: 30 ft

Driller: Layne Control, Memphis Tenn

Lift (type): (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep 39 Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 U Trans. or meter no. U

Descrip. MP 540 ft above LSD, Alt. MP 540 Accuracy: (source) 20' C.I. A

Water Level -180 ft above below MP; Ft below LSD 180 Accuracy: 180

Date meas: 066 Yield: 250 @ 60 gpm # 100 Method determined 1

Drawdown: 0 ft Accuracy: 0 Pumping period 0 hrs 0

QUALITY OF WATER DATA: Iron 0 ppm Sulfate 0 ppm Chloride 0 ppm Hard. 0 ppm

Sp. Conduct 0 K x 10 70 Temp. 70 °F Date sampled 5.6.70

Taste, color, etc.

WL Data
2342
W. 105.0

1987

WL = 215?
WL = 218.1?

12/92
Unable to get
into well

1/28/93

250.00
18.45
231.55
1.70
229.85

WL = 206
10/19/78

ROLLA COMPUTATION BRANCH

WELL NO.

Well No. D9

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

HYDROGEOLOGIC CARD

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

D Drainage Basin: 16L Subbasin: _____

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

MAJOR AQUIFER: _____ system _____ series K3 _____ aquifer, formation, group C5

Lithology: _____ Origin: 6 Aquifer Thickness: _____ ft

Length of well open to: _____ ft 30 Depth to top of: _____ 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: 825-855 .010 S.S. Lyons keystone

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

Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

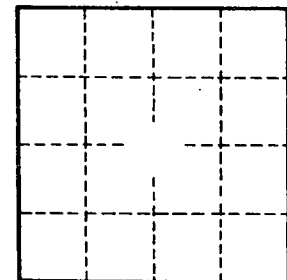
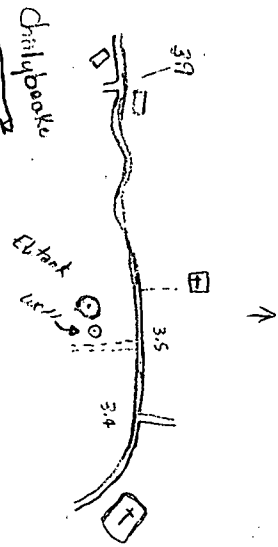
Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

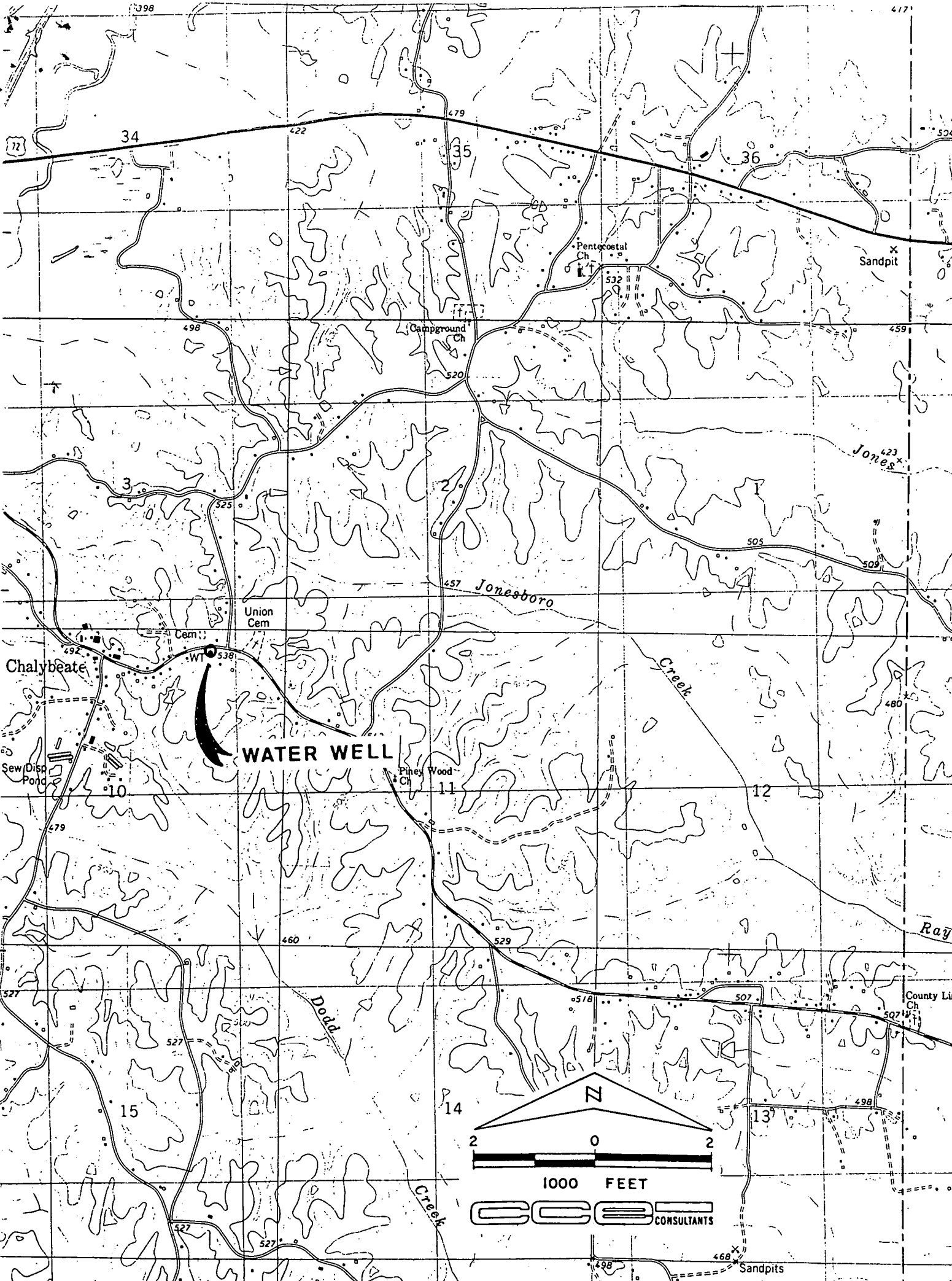
(Ea. l Wiggs. Pres. w/lt. Asw.) See photo.

customer - 127
usage - 537,300 gpm/mon
treatment - None
storage - 50,000 etc. tank

Completed well-made in steel hole



Well No.



WATER WELL

Chalybeate

Sew Disp Pond

Union Cem

Piney Wood Ch

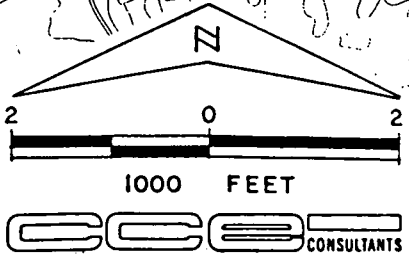
Jonesboro

Creek

Dodd

Ray

County Lin



Sandpits

Tippah
D9
10-66

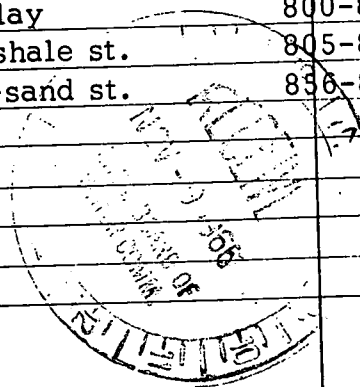
MISSISSIPPI BOARD OF WATER COMMISSIONERS

CODED

WATER WELL DRILLERS LOG

Date: 10-30-, 1966, Driller: Layne-Central Co. County Tippah
(Name)

(1) Owner of Land: (Name) Chalybeate Water Assn. Chalybeate, Mississippi (Address)	Description & Color of Materials Sand, Clay, Red Clay, Shell, etc.	Thick- ness Feet	Depth Feet
(3) Topography: (Hilly) (Flat) (Level)	Red sand	0-25	
(4) Purpose of Well: <u>Municipal</u> (Domestic Irrigation Municipal, Industrial, Other)	clay	25-52	
Information upon completion of well: (1) Diameter <u>8</u> inches. (2) Total Depth <u>861</u> feet. (3) Water Level <u>180</u> feet below top of ground. (4) Cased to <u>808'</u> , Size <u>8"</u> (5) Screen: Size <u>4"</u> , Length <u>30'</u> (6) Were any formations sealed against pollution? <u>X</u> yes, _____ no. If YES depth of formation <u>808'</u> Why <u>required</u> Drillers Remarks:	rock	52-55	
	clay	55-61	
	rock	61-63	
	clay	63-95	
	rock	95-96	
	sandy shale-sand	96-176	
	rock	176-177	
	hard sandy shale	177-184	
	rock	184-185	
	shale	185-220	
	shale & boulders	220-250	
	sandy shale	250-342	
	tough shale-boulders	342-417	
	shale	417-461	
	rock	461-463	
	shale-boulders	463-690	
	rock	690-691	
	shale	691-750	
	rock	750-752	
	shale	752-760	
	sandy shale	760-764	
	sand-shale	764-800	
	hard clay	800-805	
	sand-shale st.	805-856	
	shale-sand st.	856-861	



(Use Back Side)

Well No.

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