

Replacement for T-4

STA ID 330430089534301 GW-3389

Durant

FORM 9-1642 (1-68)

Well No. T 25  
Elog # 65

### WELL SCHEDULE

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

#### MASTER CARD

Record by J. Shell Source of data Bowc Date 1/69 Map \_\_\_\_\_

State LA County 218 (or town) Holmes Sequential number: 1

Latitude: 33° 04' 30" N Longitude: 089° 53' 43" W

Lat-long accuracy: 3 T, 4 S, R, 4 W, Sec 11 SE, NW, SE, SE

Local well number: T 0 2 5 P D I 1 1 4 N O 4 E Other number: \_\_\_\_\_

Local use: 0 6 4 0 6 S Owner or name: Durant, Misc

Owner or name: DURANT Address: Durant, Misc

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, 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) W

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

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: \_\_\_\_\_ 8/27/75

Freq. sampling: \_\_\_\_\_ Pumpage inventory: no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

#### WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 672 ft Meas. rept accuracy 3

Depth cased; (first perf.) 610 ft Casing type: Steel; Diam. 18 in

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

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

Date Drilled: 9 6 8 Pump intake setting: \_\_\_\_\_ ft

Driller: KAYNE CEN address \_\_\_\_\_

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) nose, (H) piston, (I) rot., (J) submerg, (K) turb., (L) other T Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 25 Trans. or meter no. V

Descrip. MP 260265 ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 270 Accuracy: \_\_\_\_\_

Water Level Flows ft above below MP; Ft below LSD F Accuracy: \_\_\_\_\_

Date meas: 0 6 8 Yield: \_\_\_\_\_ gpm 620 Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

QUALITY OF WATER DATA: Iron \_\_\_\_\_ Sulfate \_\_\_\_\_ Chloride \_\_\_\_\_ Hard. \_\_\_\_\_

Sp. Conduct 190 K x 10<sup>6</sup> 2 Temp. 22 °F 220 Date sampled 8/27/75 875

Taste, color, etc. PH = 6.5

PUMPAGE RECORD SHEET

Well No.

T 25

Well No. T 25

Latitude-longitude N  
S  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 0.3 Section: \_\_\_\_\_

Drainage Basin: D 115J Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: T E M: W  
system series aquifer, formation, group

Lithology: U S Origin: 2 Aquifer Thickness: 112 ft

Length of well open to: 50 ft Depth to top of: 564 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: 10" S.S

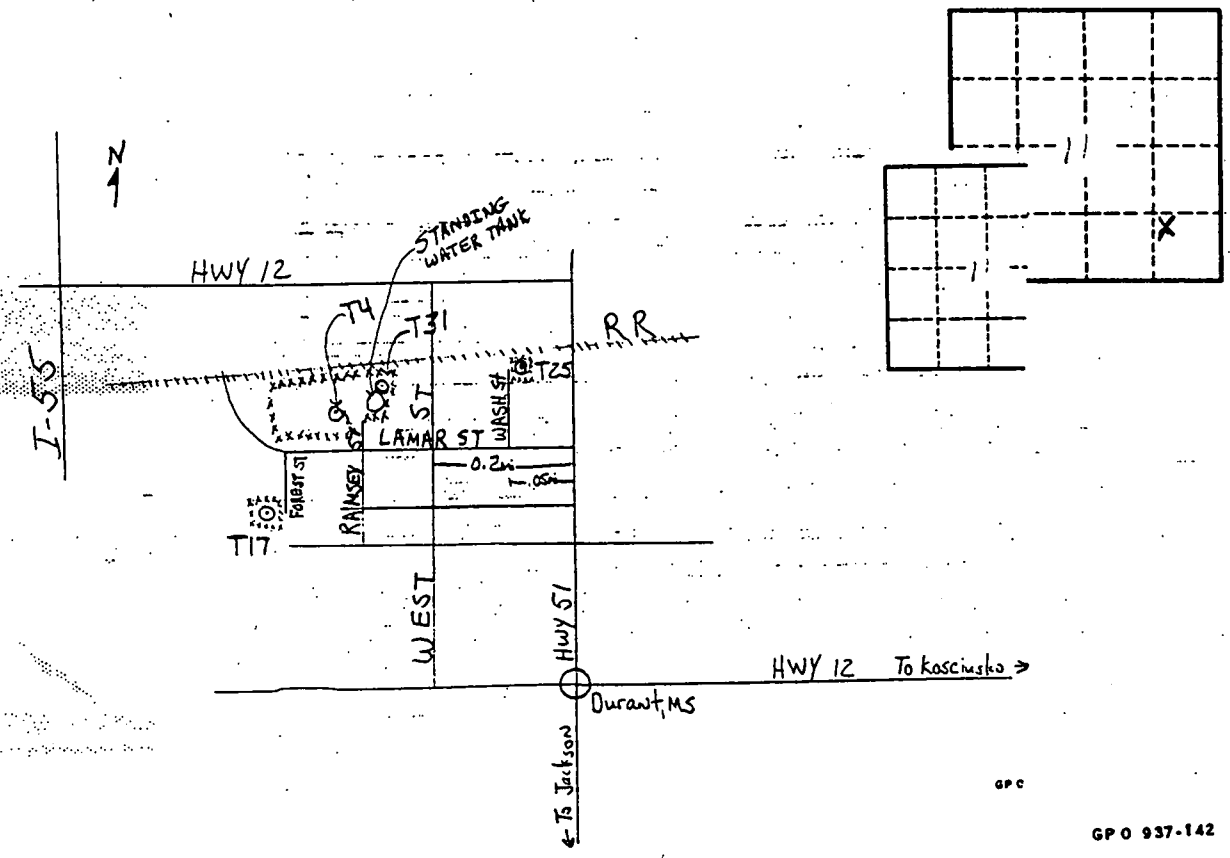
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup> Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well No. T 25

15K

CODED

CODED

Holmes  
T 25  
12-10-68  
M.G.S.

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

WATER WELL DRILLERS LOG

12-10-1968 date well completed  
Layne Central Co. firm name  
Holmes county well located

LANDOWNER:	description of formations encountered	from	to
City of Durant Durant, Miss (mailing address)			
WELL LOCATION: NW 5 E SE sec 11 T 14 R 4 E One block west of Highway 51 (distance) miles (direction) of (nearest town)	Clay	0	18
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	Sand	18	63
WELL COMPLETION DATA:	Blue clay	63	91
(1) diameter (inches) 18"	Sand	91	103
(2) total depth (feet) 672'	Clay	103	124
(3) static water level (feet) Flow below top of ground.	Sandy clay	124	133
(4) casing Steel 610' (material) (depth)	Sand	133	155
18" (size) If telescope see back.	Sand	155	181
(5) screen 50' 610' (length) (depth to top)	Hard shale	181	199
10" stainless steel (size) (material)	Hard sandy shale	199	226
(6) pump 25 (HP) 620 (yield gpm) at	Rock	226	228
Electric (type power) 20 pressure	Hard shale	228	262
(7) electric log Yes (yes or no)	Rocky medium hard	262	263
Miss. Geo. Survey (organization running log)	Hard sandy shale	263	269
(8) how well bottom plugged None	Packed sand	269	275
	Hard sandy shale	275	289
	Sand, med. salt & k. pp.	289	312
	Hard sandy shale	312	327
	Packed sand	327	342
	Rock	342	343
	Packed sand	343	358
	Hard sandy shale	358	395
	Sand	395	410
	Hard sandy shale	410	414
	Sand	414	438
	Hard sandy shale	438	446
	Rock	446	447
	Sandy shale, rock streaks	447	460
	Rock, med. hard	460	465
	Sandy shale, thin rock	465	501
	Sand	501	517
	Sandy shale, thin rock	517	539
	Packed sand clay sh.	539	564
	Packed sand	564	595
	Sand	595	676
	Clay	676	680

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