

T45  
ELOG # 406

WELL SCHEDULE  
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

WATER RESOURCES DIVISION

MASTER CARD

Record by Q Source of data Bowc Date 5/75 Map \_\_\_\_\_  
 State Ms County (or town) Rankin 61  
 Latitude: 32° 03' 00" N Longitude: 090° 12' 20" W Sequential number: 11  
 Accuracy: 4 T 30 S, R 10 W, Sec 33 NE, SE, SW  
 Local well number: T045DC3303N01E Other number: \_\_\_\_\_  
 Local use: 222 Owner or name: Frank Grantham  
 Owner or name: F. GRANTHAM Address: \_\_\_\_\_

Ownership: County, Fed-Gov't, City, Corp. or Co, Private, State Agency, Water Dist. P  
 Use of: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other H  
 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 W  
 Data Available: Well data  Freq. W/L meas:  Field aquifer char.   
 Lab. data: \_\_\_\_\_  
 Qual. water data; type: \_\_\_\_\_  
 Req. sampling:  Pumpage inventory:  yes  no  period: \_\_\_\_\_  
 Temperature cards:  yes  no   
 Log data: E Log 10'-330' Dolg -0' to 330' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 170 ft Meas. rept. accuracy 3  
 Depth cased; (first perf.) 164 ft Casing type: \_\_\_\_\_; Diam. in 2  
 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: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd, (F) jetted, (G) air percuss, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other A  
 Date drilled: 2-3-75 975 Pump intake setting: \_\_\_\_\_ ft  
 Driller: Thompson name (L) address \_\_\_\_\_  
 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 J Deep  Shallow   
 Power type: (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. S Trans. or meter-no. \_\_\_\_\_  
 Descrip. MP \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD, Alt. MP \_\_\_\_\_  
 Lt. LSD: 312 Accuracy: ELOG  
 Water level: \_\_\_\_\_ ft above \_\_\_\_\_ ft below MP; \_\_\_\_\_ ft above \_\_\_\_\_ ft below LSD 80 Accuracy: \_\_\_\_\_  
 Rate meas: 275 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 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_  
 Taste, color, etc. \_\_\_\_\_

Well No.

Latitude-longitude \_\_\_\_\_  
 \_\_\_\_\_ d \_\_\_\_\_ m \_\_\_\_\_ s  
 \_\_\_\_\_ N  
 \_\_\_\_\_ S  
 \_\_\_\_\_ d \_\_\_\_\_ m \_\_\_\_\_ s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** **Physiographic Province:** 03 **Section:** \_\_\_\_\_

**Drainage Basin:** D **Subbasin:** \_\_\_\_\_

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

**MAJOR AQUIFER:** TM **aquifer, formation, group** CA

**Lithology:** S **Origin:** 3 **Aquifer Thickness:** 30 ft

**Length of well open to:** \_\_\_\_\_ ft **Depth to top of:** 140 ft

**MINOR AQUIFER:** \_\_\_\_\_ **aquifer, formation, group** \_\_\_\_\_

**Lithology:** \_\_\_\_\_ **Origin:** \_\_\_\_\_ **Aquifer Thickness:** \_\_\_\_\_ ft

**Length of well open to:** \_\_\_\_\_ ft **Depth to top of:** \_\_\_\_\_ ft

**Intervals Screened:** \_\_\_\_\_

**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:** \_\_\_\_\_

	From	To
Top soil	0	5
sandy clay	5	20
sand	20	40
clay	40	50
sand	50	70
Blue clay	70	140
sand	140	170
Blue clay	170	220
sand	220	274
Blue clay	274	330


Well No. \_\_\_\_\_