

F 70

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

OCT 30 1973

MASTER CARD

Record by JCM Source of data Bowc Date 7-73 Map \_\_\_\_\_  
 State 28 County De Soto (or town) 17  
 Latitude: 34 56 30 N Longitude: 09 00 34 3 Sequential number: 1  
 Lat-long accuracy: 4 T 20 R 80 Sec 5 \_\_\_\_\_  
 Local well number: F070 0502508W Other number: \_\_\_\_\_  
 Local use: 058 \_\_\_\_\_ Owner or name: \_\_\_\_\_  
 Owner or name: W. P. CATES Address: Horn Lake  
 Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist \_\_\_\_\_  
 Use of water: \_\_\_\_\_  
 Use of well: \_\_\_\_\_  
 DATA AVAILABLE: Well data  Freq. W/L meas.:  Field aquifer char. \_\_\_\_\_  
 Hyd. lab. data: \_\_\_\_\_  
 Qual. water data; type: \_\_\_\_\_  
 Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_  
 Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: \_\_\_\_\_ ft. 51 Meas. \_\_\_\_\_  
 Depth cased: \_\_\_\_\_ ft. 41 Casing type: PVC; Diam. \_\_\_\_\_ in \_\_\_\_\_  
 Finish: \_\_\_\_\_  
 Method: \_\_\_\_\_  
 Date Drilled: 9-7-3 Pump intake setting: \_\_\_\_\_ ft. \_\_\_\_\_  
 Driller: Watson Co. address \_\_\_\_\_  
 Lift (type): \_\_\_\_\_ Deep \_\_\_\_\_ Shallow \_\_\_\_\_  
 Power (type): X nat LP 1/2 S Trans. or meter no. \_\_\_\_\_  
 Descrip. MP \_\_\_\_\_ ft. below LSD, Alt. MP \_\_\_\_\_  
 Alt. LSD: \_\_\_\_\_ Accuracy: \_\_\_\_\_  
 Water Level: \_\_\_\_\_ ft. above below MP; \_\_\_\_\_ ft. below LSD \_\_\_\_\_ Accuracy: \_\_\_\_\_  
 Date meas.: \_\_\_\_\_ 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. F 70

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

Latitude-longitude N  
S  
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**HYDROGEOLOGIC CARD**

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

D Drainage Basin: 15E Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: \_\_\_\_\_ system \_\_\_\_\_ series TE aquifer, formation, group SS

Lithology: \_\_\_\_\_ Origin: R Aquifer Thickness: 2 15 ft

Length of well open to: \_\_\_\_\_ ft 10 Depth to top of: \_\_\_\_\_ ft 36

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: 4" PVC

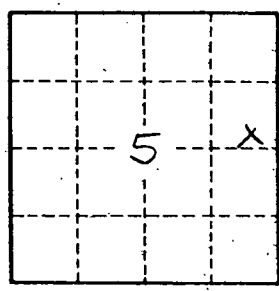
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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

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

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

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



Well No. E70