

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

GPSd 7/31/97 DH/PP

MASTER CARD

Record by J C Source of data BOCC Date 1/1/97 Map Houston West

State TX County (or town) 29

Latitude: 32° 53' 16" N Longitude: 108° 06' 48" W Sequential number: 1

Lat-long accuracy: 5 T. 14 R. 2 W. Sec. 5 SW SE

Local well number: 0272D Other number: 1457E

Local use: 139 Owner or name: DYER WOOD TURN

Owner or name: E T DYER Address: _____

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, W

Use of well: (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other, (Z) W

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 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: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 300 ft Meas. rept accuracy 3

Depth cased: (first perf.) 280 ft Casing type: _____; Diam. 8 1/2 in

Finish: (C) concrete, (F) porous gravel w. (perf.), (G) gravel w. (screen), (H) horiz. open end, (I) other 5

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

Date Drilled: 1-1-97 Pump intake setting: _____ ft

Driller: SAM SMITH address: _____

Lift (type): (A) air, (B) bucket, (C) jet, (D) multiple, (E) multiple, (F) none, (G) piston, (H) rot, (I) submerg, (J) turb, (K) other 5 Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 5 Trans. or meter no. _____

Descrip. MP 290 ft above LSD; Alt. MP _____

Alt. LSD: 310 Accuracy: (source) _____

Water Level 50 ft above below MP; LSD 310 Accuracy: _____

Date meas: 2-6-97 Yield: 125 gpm Method determined D

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. _____

PUNCHED and VERIFIED
ROLLA COMMUNICATION BRANCH

Well No.

227

8/19/87
39.00
10.45
28.55
1.10
27.45

MP: hole in casing cover plate

11/30/82
48
14.2
33.8
1.1
32.7

11/17/97
W.L. 35.

Well No. U 27

Latitude-longitude

N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: 03

Section: _____

D Drainage Basin: _____

156 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 RZ

Lithology: _____

45 Origin: _____

2 Aquifer Thickness: 20 ft

Length of well open to: _____ ft

20

Depth to top of: _____ ft

280

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: 40' x 3" Dia.

280 - 300 ft

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: _____

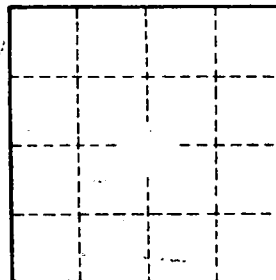
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

280 ft of 6 inch
40 ft of 3 inch (20 ft must be burred)

Red clay 0-20 ft
Blk sh blue clay 20-90
White clay 90-180
"Wilcox soil" 180-280

Test 450 gpm.

Well under 3' high tin house



Well No. U 27

U 27