

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by RET Source of data MBOWC Date 9-29-70 Map _____

State 28 County (or town) 09

Latitude: 33 50 09 N Longitude: 08 9 04 4 8 Sequential number: 1

Lat-long accuracy: 5 T. 13 N. 2 W. Sec 29

Local well number: J020 2913502E Other number: _____ B & M

Local use: 139 Owner or name: Sam Schwalanberg

Owner or name: S. SCHWALANBERG Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, Ind, P S, Rec. (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other H

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. (D) _____ (G) _____ (H) _____ (I) _____ (M) _____ (N) _____ (P) _____ (R) _____ (T) _____ (U) _____ (W) _____ (X) _____ (Y) _____ (Z) _____ 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: _____ yes no

Log data: D

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 315 ft Meas. rept accuracy 3

Depth cased; (first perf.) 84 ft Casing type: _____; Diam. 4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) percuss, rotary, (K) air reverse, (L) driven, (M) wash, (N) other, (O) _____ X

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

Date Drilled: Jan 15, 1962 962 Pump intake setting: _____ ft

Driller: Sam Smith

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 Deep Shallow

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

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____

Water Level: _____ ft above below MP; Ft. above below LSD 90 Accuracy: _____

Date meas: 162 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 6 Temp. _____ °F Date sampled _____

Taste, color, etc. _____

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

J20

Well No. J20

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 15G Subbasin: _____

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group R1

Lithology: _____ Origin: 6 Aquifer Thickness: ≥ 15 ft

Length of well open to: _____ ft 15 Depth to top of: _____ ft 300

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: well open

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

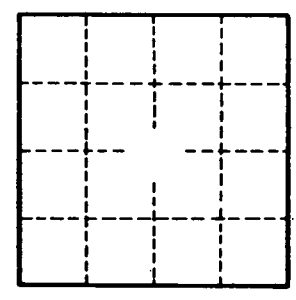
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

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

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

Red clay + lime 0-30 ft
 Lime stream 30-40
 Black shale 40-70
 Blue gumbo shale 70-175
 Blue gumbo shale + gumbo 175-250
 shale 250-280
 Drilled in sand 280-300
 300-315



5 mi West Houston

Well No. J20