

Re Submitted 5/20/78

Well No. E 1

WELL SCHEDULE

E-log # 14

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY (Main Man)

WATER RESOURCES DIVISION

(Chandler Smith)

MASTER CARD

Record by J.A. Callahan Source of data Drl & Obs Date 9-11-63 Map

State 28 County 50

Latitude: 32 46 42 N Longitude: 089 13 30 Sequential number: 1

Lat-long accuracy: 20 T 11 N 10 S, R 10 W, Sec 25 SW, NE, NW

Local well number: E 001 A B 25 1 1 N 10 E Other number: B & M

Local use: 021014 470 11 Owner or name: Pearl River Indian Res

Owner or name: PEARL R IND SCH Address:

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water:

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

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

Hyd. lab. data:

Qual. water data; type: USGS 1-24-67

Freq. sampling: Pumpage inventory: no, period:

Aperture cards: yes

Log data: E-log to 1057' DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1200 ft 1200 Meas. rept accuracy 3

Depth cased: (first perf.) 1120 ft Casing type: Steel Diam. 8 in 8

Finish: concrete, gravel w. (screen), gallery, end, other 5

Method: air bored, cable, dug, hyd jetted, air percussion, rotary, other H

Date Drilled: 963 Pump intake setting: 380' ft 38

Driller: H.P. Herndon Shannon Miss Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other S Deep Shallow 40

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 15 U Trans. or meter no. 41

Descrip. MP above ft below LSD, Alt. MP 540 Accuracy: (source) CIU 4

Water Level above ft below MP; Ft below LSD 164 Accuracy: 52 A

Date meas: 470 Yield: 2000 gpm Method determined 3

Drawdown: ft 1 Accuracy: Pumping period hrs 3

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard. Sp. Conduct 310 K x 10 3 Temp. 24.4 C 244 Date sampled 470

Taste, color, etc. 76 F

PUNCHED and VERIFIED ROLL COMPUTATION BRANCH

Well No.

M

Well No. E 1

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 13T

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

MAJOR AQUIFER: system _____ series TE aquifer, formation, group LW

Lithology: US Origin: 2 Aquifer Thickness: > 40 ft

Length of well open to: 160 ft Depth to top of: 80 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: 60' x 4"

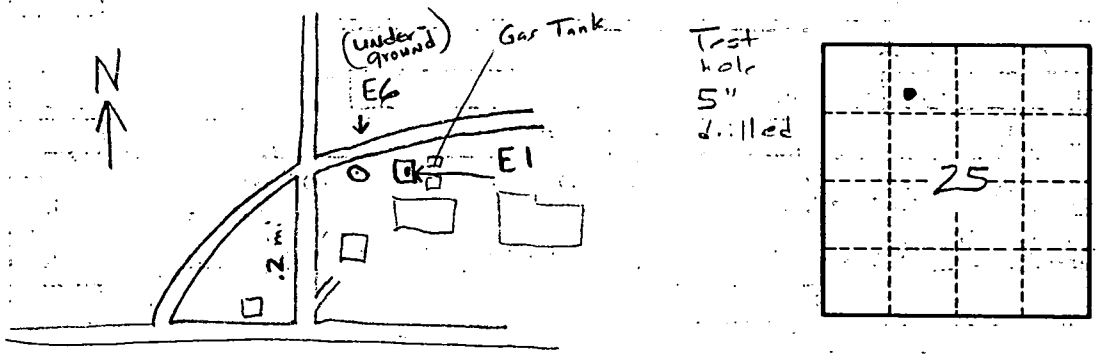
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 115000 gpd/ft 1.24 Coefficient Storage: 50.5

Coefficient Perm: 720 gpd/ft²; Spec cap: 11 gpm/ft; Number of geologic cards: _____



Sand red	60	60 ft	Sand (rock @ 680')	220	820 ft
Sand blue	20	80	Gumbo	100	920
Clay	20	100	Sand	60	980
Sand	20	120	Rock (blue)	40	1020
Clay blue	20	140	Sand	40	1060
Sand and Rock	20	160			
Sand hard blue	20	180			
Sand	80	260			
Sand blue rocks	20	280			
Sand-gumbo	100	380			
Sand	100	480			
Sand & gumbo	120	600			

WL 9-63 160 ft rpt