

SITE ID - 324642089133003

WRD Exp. (GW)
April 1966

Pearl R Pond

Well No. E3

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

update

Record by TNShow Source of data Driller Date 4-13-67 Map

State MISSISSIPPI EO 28 County (or town) Neshoba 50

Latitude: 32 46 42 N Longitude: 08 9 13 30 Sequential number: 31

Lat-long accuracy: 2 T. 11 S. R. 10 W. Sec. 25 C. NE NW

Local well number: E0030A2511N10E Other number: CTAW UTL

Local use: 055 Owner or name: Pearl River Indian Reservation

Owner or name: PEARL R INDIAN RES Address: Philadelphia, Miss.

Ownership: County, (F) Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist 67 F

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, (P) Rec., School

Stock, Recharge, Unused, Recharge, Desal-P S, Desal-other, Other 68 P

Use of well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, Waste, Destroyed 69 W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: 74

Freq. sampling: 75 Pumpage inventory: 76 yes no; period: 77 yes

Aperture cards: 78 79

Log data: 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1200 ft 1186 Meas. 24 3

Depth cased: 1120 ft 1120 Casing type: B.I.; Diam. 8x4 in 29 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other 31 5

Method: (A) air bored, (C) cable, (D) dug, (H) jettied, (J) air rot., (P) reverse, (R) reverse trenching, (T) driven, (V) drive wash, (W) percussive, (X) rotary, other 32 H

Date Drilled: 2-67 967 Pump intake setting: 200 (212) ft 200

Driller: Terry Drilling Co., Meridian Miss.

Lift (type): (A) air, (B) bucket, (C) cent., (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot., (S) submerg., (T) turb., other 39 5 Deep 40 D Shallow

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

Descrip. MP 55 ft above below LSD. Alt. MP 47

Alt. LSD: 530 Accuracy: (source) 47

Water Level: 152 ft above below MP; 152 Accuracy: 52 D

Date meag: 3-1-67 367 Yield: 150 gpm 150 Method determined 61

Drawdown: 4 ft 4 Accuracy: 65 Pumping period 24 hrs 64 24

QUALITY OF WATER DATA: Iron 69 Sulfate 70 Chloride 71 Hard. 72

Sp. Conduct 73 K x 10⁶ Temp. 74 76 Date sampled 77 79

Taste, color, etc.

PUNCHED AND VERIFIED
ROLLA COMPUTATIONAL BRANCH

Well No. E3

Well No. E3

Latitude-longitude N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section:

D Drainage Basin: 137 Subbasin:

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

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

Lithology: US Origin: 2 Aquifer Thickness: ft

Length of well open to: ft 80 Depth to top of: 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: 80' - 4" screen - S.S. western - .015

Depth to consolidated rock: ft Source of data: 64

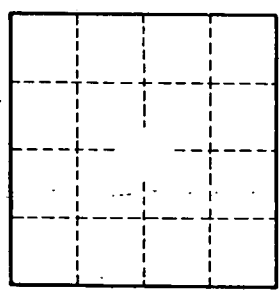
Depth to basement: ft Source of data: 69

Surficial material: Infiltration characteristics: 72

Coefficient Trans: gpd/ft Coefficient Storage: 76

Coefficient Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 79

8" casing - 813 ft.
 Top of cap - 797
 80 ft. - 4" screen - S.S. western .015 opening.
 1200 T.D. of test well.
 15 H.P. pump.
 152 ft. static water level
 4 ft. drawdown - pumping 150 GPM
 well has 2 check valve in column.
 pump set 200 ft. down.



Well No. E3