STA ID 345728090091801

GW12487
DON # 170019-01

Received

FORM 9-1642 (1-68)

29A

Well No. A12

ELOG 13

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR — GEOLOGICAL SURVEY — WATER RESOURCES DIVISION

LAKE CORMORANT QUAD 29A

PUNCHED and VERIFIED ROLLA COMPUTATION BRANCH

MASTER CARD

12/1/88 could not measure — measured adj. well R Rebich

Record by: M Smith — Source of data: — Date: 7/70 — Map: Lake Cormorant

State: 28 — County (or town): De Soto — 17

Latitude: 34 57 28 N — Longitude: 090 09 18 — Sequential number: 1

Lat-long accuracy: 2 — T. 1 S R 9 W Sec 33 SE NE¼ NW¼ SE¼ — B & M

Local well number: A012BD3301 S09W — Other number:

Local use: 009013 — Owner or name:

Owner or name: WALLS W A — Address:

WL = 38.45 12/1/88

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist — N

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other — WA — P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (X) Waste, (Z) Destroyed. — W

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

Hyd. lab. data:

Qual. water data; type: 3/71 — C

Freq. sampling: Ø — Pumpage inventory: yes no, period:

Aperture cards: WLCXL — yes

Log data: D E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD — Depth well: 1497 ft 1500 — Meas. rept accuracy: 3

Depth cased (first perf.): 1440 ft — Casing type: — Diam. 8 x 6 in 8

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other — S

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (H) hyd rot., (J) jetted, (P) air percussion, (R) reverse rotary, (T) trenching, (V) driven, (W) drive wash, (Z) other — H

Date Drilled: 965 — Pump intake setting: ft

Driller: Corloss Well Supply — name — address

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

Power (type): diesel, elec, nat gas, gasoline, hand, LP gas, wind; H.P. 20 — V — Trans. or meter no.

Descrip. MP 209 ft above/below LSD, Alt. MP

Alt. LSD: 210 — Accuracy (source): 3

Water Level: ft above/below MP; Ft above/below LSD — 24 — Accuracy: A

Date meas.: 865 — Yield: gpm 350 — Method determined:

Drawdown: ft — Accuracy: — Pumping period hrs

QUALITY OF WATER DATA: Iron ppm — Sulfate ppm — Chloride ppm — Hard. ppm

Sp. Conduct 260 K x 10^6 2 — Temp. °F — Date sampled

Taste, color, etc.

Wrid id 12343

A12

Well No. A12

Latitude-longitude ____ d ____ m ____ s N/S ____ d ____ m ____ s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD (19) Physiographic Province: 03 (20-21) Section: ____

E (22) Drainage Basin: 15E (23-25) Subbasin: ____ (26)

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, (L) swamp, (Ø) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat ____ (27)

MAJOR AQUIFER: ____ system, ____ series, TE (28-29) ____ aquifer, formation, group LW (30-31)

Lithology: ____ 45 (32-33) Origin: ____ 3 (34) Aquifer Thickness: 7288 ft

Length of well open to: ____ (35-37) ft 60 (38-40) Depth to top of: 1336 ft 434 (41-43)

MINOR AQUIFER: ____ system, ____ series (44-45) ____ aquifer, formation, group (46-47)

Lithology: ____ (48-49) Origin: ____ (50) Aquifer Thickness: ____ ft

Length of well open to: ____ (51-53) ft ____ (54-56) Depth to top of: ____ ft (57-59)

Intervals Screened: 6" SS

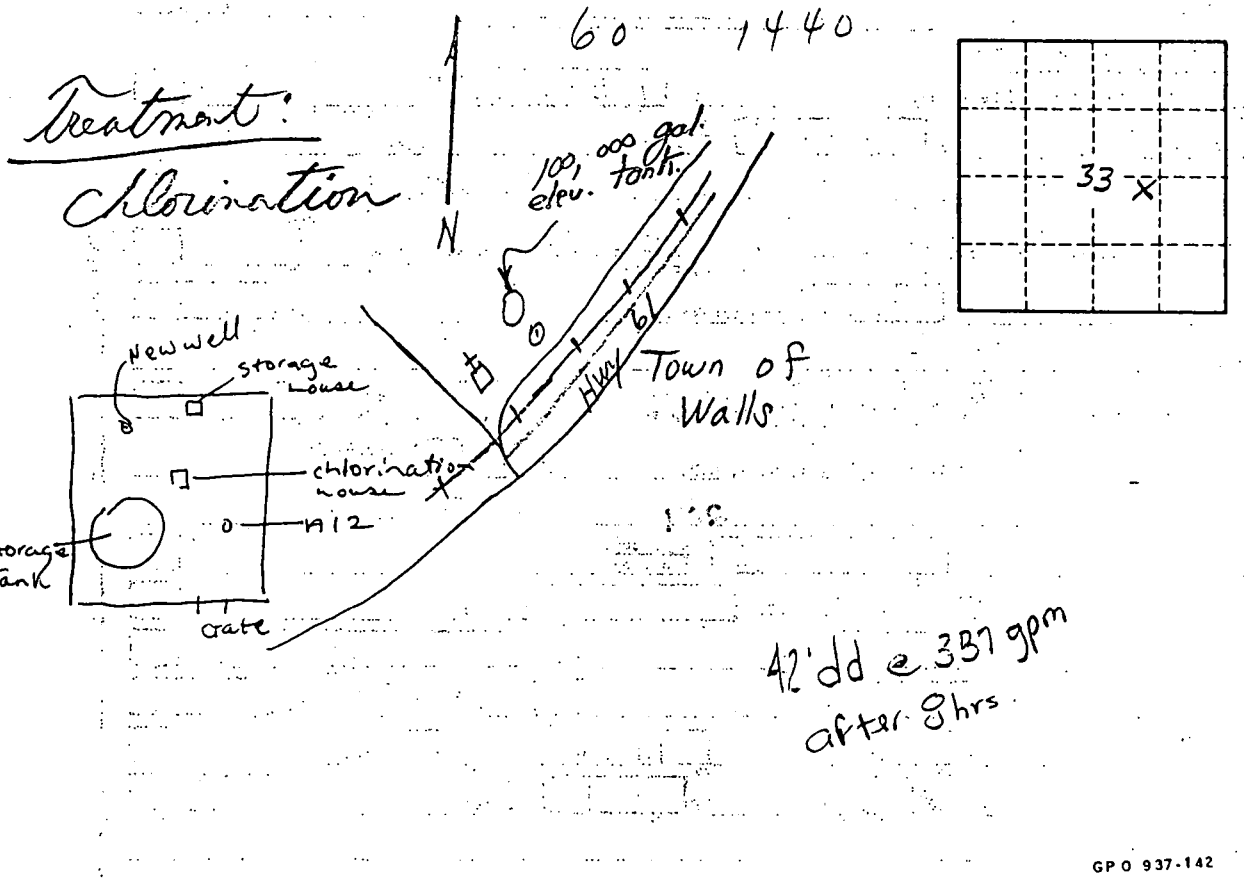
Depth to consolidated rock: ____ ft (60-63) Source of data: ____ (64)

Depth to basement: ____ ft (65-68) Source of data: ____ (69)

Surficial material: ____ (70-71) Infiltration characteristics: ____ (72)

Coefficient Trans: ____ gpd/ft (73-75) Coefficient Storage: ____ (76-78)

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



42' dd @ 337 gpm after 8 hrs

GPO 937-142