

WRD Exp. (GW)
April 1966

Well No. CA

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J.A. CALLAHAN source of data [ms D-19] Date 12-4-67 Map LAUDERDALE
[E.H. Boswell 3/57] Miss 28 County LAUDERDALE State FL

Latitude: 32 deg 33 min 10 sec N Longitude: 088 degrees 36 min 29 sec W Sequential number: 1

Local well number: C004CA1208N16E Other number: B & M

Local use: 064 Owner or name: U.S. NAVY AIR STATION
Owner or name: U.S. NAVY Address: _____

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other Z

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed T

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

Hyd. lab. data: _____ 73

Qual. water data; type: USGS Complete 3-15-57 C 74

Freq. sampling: 75 Pumpage inventory: 76 yes 77 no 78 period: _____

Aperture cards: _____ 79

Log data: D 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 278 ft 228 Meas. DI 24 Z

Depth cased: 188 ft 188 Casing type: Steel Diam. 4 in 29 30 accuracy _____

Finish: (C) gravel w. (F) gravel w. (G) horiz. (H) open (I) perf. (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other 31

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd, (E) jetted, (F) air reverse, (G) trenching, (H) driven, (I) drive wash, (J) other 32

Date Drilled: 3-15-57 9-5-7 Pump intake setting: _____ ft 36 38

Driller: DYNE CENTRAL CO. JACKSON MISS

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other 39 Deep 40 Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 7 Trans. or meter no. _____ 41

Descrip. MP _____ ft above below LSD. Alt. MP _____ 47 5

Alt. LSD: 290 290 Accuracy: CI 20 47 5

Water Level: 31 ft above below MP; Ft below LSD 31 Accuracy: rest 52 5

Date meas: 3-5-7 Yield: 100 gpm 100 Method determined _____ 61

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____ 66 68

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

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

Taste, color, etc. _____

PUNCHED AND VERIFIED
CALLAHAN BRANCH

Well No. 74

Well No. C4

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

D Drainage Basin: 13K Subbasin: _____

(D) (C) (E) (F) (H) (K) (L)
Topo of depression, stream channel, dunes, flat, hilltop, sink, swamp,
well site: (O) (P) (S) (T) (U) (V) _____ 5
offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: TERTIARY EOCENE T E LOWER WILCOX L W
system series aquifer, formation, group

Lithology: SAND U S Origin: _____ 2 Aquifer Thickness: _____ ft
Length of well open to: _____ ft 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:

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

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

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

TEST HOLE Drilled TO 1004!
Wilcox fm; sd, sh, clay, lignite 0-228'
Midway formation
sd clay, lignite etc 228-370
Porters Creek
black sh;
Black shale 370-820'
Selma Group
Chalk sh 820-1004

