

WRD Exp. (GW)
April 1966

Well No. H3

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

E-109 # 37

MASTER CARD

Record by J.R. CALLAHAN Source of data MBowc Date 12-18-67 Map.

State Miss County (or town) LAUDERDALE 28 38

Latitude: 322447N Longitude: 0883723 Sequential number: 1

Lat-long accuracy: 3 T. 7 S, R. 16 W, Sec 36, NW 1/4, NW 1/4

Local well number: H 0 0 3 B B 3 6 0 7 N 1 6 E Other number: B & M

Local use: 0 5 5 0 3 7 Owner or name: U.S. Sugar Plant

Owner or name: U.S. SUGAR PLANT Address: _____

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, Rec, (L) Stock, (M) Instit, (N) Unused, (O) Reppure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other. X

Well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed. W

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

Hyd. lab. data: _____

Qual. water data; type: USGS

Freq. sampling: Pumpage inventory: yes no, period: _____

Aperture cards: _____ yes

Log data: E109 56-623 Drlg MBOWC D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 490 ft 490 Meas. Drlg 3

Depth cased: 440 ft 440 Casing type: Steel; Diam. 10 1/2 in 10

Finish: (A) porous concrete, (B) gravel w. (C) gravel w. (D) horiz. (E) open (F) screen (G) sd. (H) pt., (I) shored, (J) open hole, (K) other. S

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

Date Drilled: 11-29-65 0:65 _____

Driller: TERRY DRLG CO, MARION 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. Deep D Shallow 7

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. pump pulled 5 Trans. or meter no. _____

Descrip. MP _____ Ft above LSD. Alt. MP _____

Alt. LSD: 480 Accuracy: (source) _____

Water Level: 200 ft above below MP; Ft 200 above below LSD Accuracy: rept G

Date meas: 11-29-65 N:6.5 Yield: 208 gpm 508 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. _____

UNCHECKED and VERIFIED
BY LA COMPUTATION BRANCH

0-11-67

Well No. H3

Well No. 43

Latitude-longitude _____
 N
 S
 d m s d m s

HYDROGEOLOGIC CARD

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

22 Drainage Basin: 13P Subbasin: _____

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

MAJOR AQUIFER: TERTIARY system EOCENE series TE aquifer, formation, group LOWER WILCOX LX

Lithology: SAND U.S. Origin: _____ 2 Aquifer Thickness: _____ ft

Length of well open to: 50 ft 570 Depth to top of: _____ ft _____

MINOR system series aquifer, formation, group Aquifer Thickness: _____ ft

Lithology: _____ Origin: _____ 50 _____ ft

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

Intervals Screened: _____

Depth to consolidated rock: _____ ft _____ Source of data: _____ 64

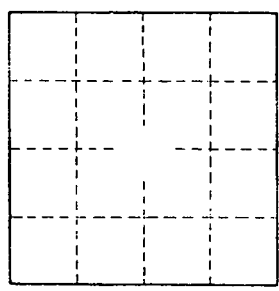
Depth to basement: _____ ft _____ Source of data: _____ 69

Surficial material: _____ Infiltration characteristics: _____ 72

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____ 78

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

Red sd & clay 42
 Silty silt 120
 Sand 180
 Silty silt 200
 Sand 300
 Sand & shale 440
 Sand 490



50-11 No.

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