

WELL SCHEDULE

E-log # 129

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY

WATER RESOURCES DIVISION APR 29 1975

REPLACEMENT

TRANSMITTED FOR ADP

MASTER CARD

Record by W.T. Oakley Source of data Driller Date 3/16/70 1/21/70

State 28 County Wilkinson 55 Sequential number 79

Latitude: 311330N Longitude: 0911248

Local well number: H009CA1603NO1W

Local use: 060129 470 10 Owner or name: BUFFALO WATER ASSOC

Owner or name: BUFFALO WATER ASSOC Address: WILKINSON MISS

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

Use of water: (S) (T) (U) (V) (W) (X) (Y) (Z) P

Use of well: (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) W

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

Hyd. lab. data:

Qual. water data, type:

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: E-log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 490 + 10' stop ft 490 Meas. rept 3

Depth cased: (first perf.) 450 ft Casing type: 8 7/8 x 6 in Diam. 8

Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. screen, (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other 5

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) jetted, (F) percuss, (G) rotary, (H) reverse, (I) trenching, (J) driven, (K) wash, (L) other 4

Date Drilled: 1/70 970 Pump intake setting: 200' of col. ft 245

Driller: GRINER WATER WELL SERV. NATCHEZ address Bottom of Bowls 20' by Surber

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 T Deep 40 Shallow

Power (type): (A) diesel, (B) elec., (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 15 U Trans. meter no. ?

Descrip. MP Bot of 3/4-in. inclined pipe 2.0 ft above LSD, Alt. MP ?

Alt. LSD: 240 Accuracy: (source) topo 4

Water Level 157.77 ft above MP; Ft below LSD 156 Accuracy: A

Date meas: 9/8/70 470 Yield: 150 gpm Method 4 determined

Drawdown: ? ft Accuracy: ? Pumping period 2 hrs

QUALITY OF WATER DATA: Iron 3.3 ppm Sulfate 20 ppm Chloride 13 ppm Hard. 62 ppm

Sp. Conduct 140 K x 10⁶ Temp. 200 °F Date sampled 4/8/70 470

Taste, color, etc. No odor or color. Fe taste

10/18/81
165
20.65
14.4
2.1
142.35
40
40
98

Well No. H9

Well No. H9

Latitude-longitude _____
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: D 14E Subbasin: _____

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (K) (L) offshore, pediment, hillside, terrace, undulating, valley flat H

MAJOR AQUIFER: system series TM aquifer, formation, group MZ

Lithology: 4S Origin: 3 Aquifer Thickness: _____ ft
 Length of well open to: _____ ft Depth to top of: 395 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: 40' of 6" SS Screen

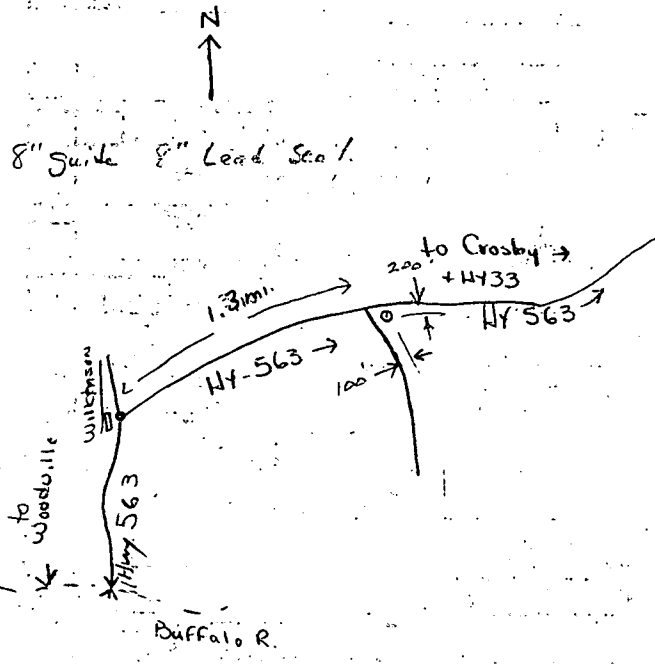
Depth to consolidated rock: _____ ft Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 70,000 gpd/ft 703 Coefficient Storage: _____
 Coefficient Perm: 585 gpd/ft²; Spec cap: 10 gpm/ft

description of formations encountered	from	to
Top Soil	0	2
Red Clay	2	35
Fine Sand	35	62
Clay	62	105
Coarse Sand	105	164
Blue Clay	164	250
Fine Sand	250	278
Blue Clay	278	390
Fine Sand	390	440
Coarse Sand	440	516
Clay	516	531
Fine Sand	531	558
Clay	558	646
Sand (fine)	646	742
Clay	742	869



WL 155 rept'd by driller
 4" disch. on 6x4 reducer
 Carloss pump