

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by G.F. Brown Source of data C.T. MAIN Date 1-42 Map Duck Hill 15' Quad

State MISSISSIPPI County GRENAIDA Sequential number: 22

Latitude: 33° 47' N Longitude: 089° 43' 31"

Local well number: H113 AC 1221 N 05 E Other number: B & M

Local use: \_\_\_\_\_ Owner or name: \_\_\_\_\_

Owner or name: J W WILLIS SR Address: ELLIOTT MISS

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

Use of water: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom Irr, Med, Ind, P S, Rec, Z

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

DATA AVAILABLE: Well data 3 Freq. W/L meas.: \_\_\_\_\_ Field aquifer char. φ

Hvd. lab. data: \_\_\_\_\_

Qual. water data: type: \_\_\_\_\_ 1942?

Freq. sampling: \_\_\_\_\_ Pumpage inventory: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: \_\_\_\_\_

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 211 ft Meas. rept. accuracy 5

Depth cased: 161 ft Casing type: Steel ; Diam. in 1.8

Finish: porous concrete, gravel w. screen, gravel w. screen, horiz. gallery, end, other G

Method: air bored, cable, dug, hyd jetted, air rot., percussion, rotary, reverse trenching, driven, drive wash, other H

Date Drilled: 1942 9.4.2 Pump intake setting: \_\_\_\_\_ ft

Driller: Loyne Central Co, Memphis Tenn address: \_\_\_\_\_

Lift (type): air, bucket, cent, jet, multiple, none, piston, rot, submerg, turb, other T Deep 7 Shallow 40

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

Descrip. MP TOP AIR VENT 3.4 ft above below LSD. Alt. MP 219.1

Alt. LSD: 216.7 217 Accuracy: (source) 2

Water Level 12.4 ft above below MP; Ft. below LSD 9 Accuracy: \_\_\_\_\_

Date meas: 1-18-62 1.6.2 Yield: \_\_\_\_\_ gpm 350 Method determined \_\_\_\_\_

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_

QUALITY OF WATER DATA: Iron 0.9 ppm Sulfate \_\_\_\_\_ ppm Chloride \_\_\_\_\_ ppm Hard. \_\_\_\_\_ ppm

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled 2.2

Taste, color, etc. \_\_\_\_\_

ol data  
11/30/88  
OL = 8.20  
TSH

TRANSMITTED FOR R.P. ROLL CORRECTION BRANCH  
PUNCHED AND VERIFIED

Well No.

Latitude-Longitude: 55 41 47 <sup>N</sup> 089 43 38  
d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD    Physiographic Province: \_\_\_\_\_

D Drainage Basin: 156    Section: 03    Subbasin: \_\_\_\_\_

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

MAJOR AQUIFER: Tertiary, Eocene TE Meridian Sand MW  
system series aquifer, formation, group

Lithology: 25 Origin: 2 Aquifer Thickness: 182 ft

182 Length of well open to: \_\_\_\_\_ ft    50 Depth to top of: \_\_\_\_\_ ft    42

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: \_\_\_\_\_

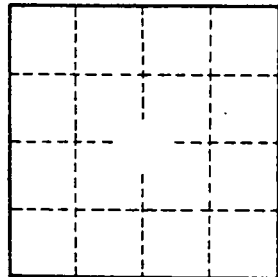
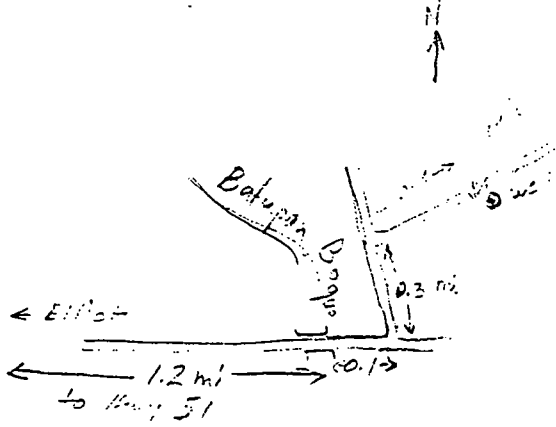
Depth to consolidated rock: \_\_\_\_\_ ft    4000    Source of data: \_\_\_\_\_ S

Depth to basement: \_\_\_\_\_ ft    \_\_\_\_\_    Source of data: \_\_\_\_\_   

Surficial material: \_\_\_\_\_    3U    Infiltration characteristics: \_\_\_\_\_ 2

Coefficient Trans: \_\_\_\_\_ gpd/ft    \_\_\_\_\_    Coefficient Storage: \_\_\_\_\_   

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: 25.7    gpm/ft; Number of geologic cards: \_\_\_\_\_   



Well No. 1113

Mess by SHB 7/17/94

Observation Well

County GRENADE

Well No. H 113

Duck Hill Quad

Owner's Name J W WILLIS, JR.

Location ELLIOT  
(town)

1.5 Mi E  
(miles and direction from center of town)

Other description East off HWY 51 at Elliot

16.06  
4.73  
11.27

Depth 211 Diameter 12 Date drilled 1942

16.00  
3.23  
12.77

Formation meridian sand

17.00  
4.25  
12.75

Elev. of lsd 216.70 Recorder \_\_\_\_\_ Type \_\_\_\_\_ No. \_\_\_\_\_

M.P. Top of air vent hole at 3.4 ft <sup>above</sup> below lsd. Date Original

M.P. \_\_\_\_\_ at \_\_\_\_\_ ft <sup>above</sup> below lsd. Date \_\_\_\_\_

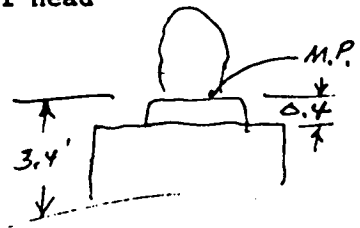
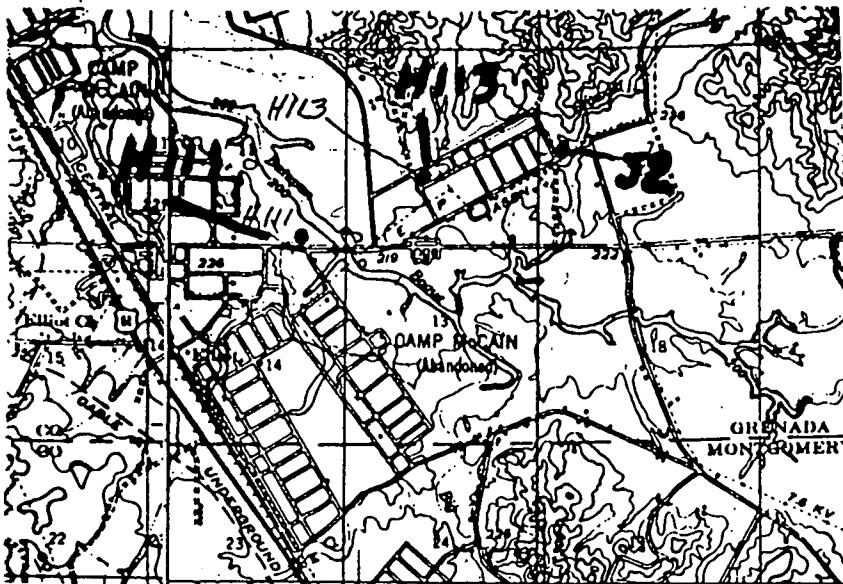
M.P. \_\_\_\_\_ at \_\_\_\_\_ ft <sup>above</sup> below lsd. Date \_\_\_\_\_

Special Good meas. will have oil on tape.

Water Level 10' (1978)

Sketch of location

Sketch of well head



3/23/93  
2.55  
16.00  
4.12 good oil cut  
11.88  
3.43  
8.45  
2 mi  
60' →

3/30/89  
1.87

on concrete pad

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY GRENADA

Duck Hill Quad

WELL OWNER J.W. Willis CHECKED  
U.S.G.S. NO. H-113 9/21/94  
B.O.H. NO. None 9/21/94  
OLWR NO. \_\_\_\_\_

LOCATION:

MAP NE, SW, NE, SW S12, T21N, R5E 9/21/94  
GPS  \_\_\_\_\_

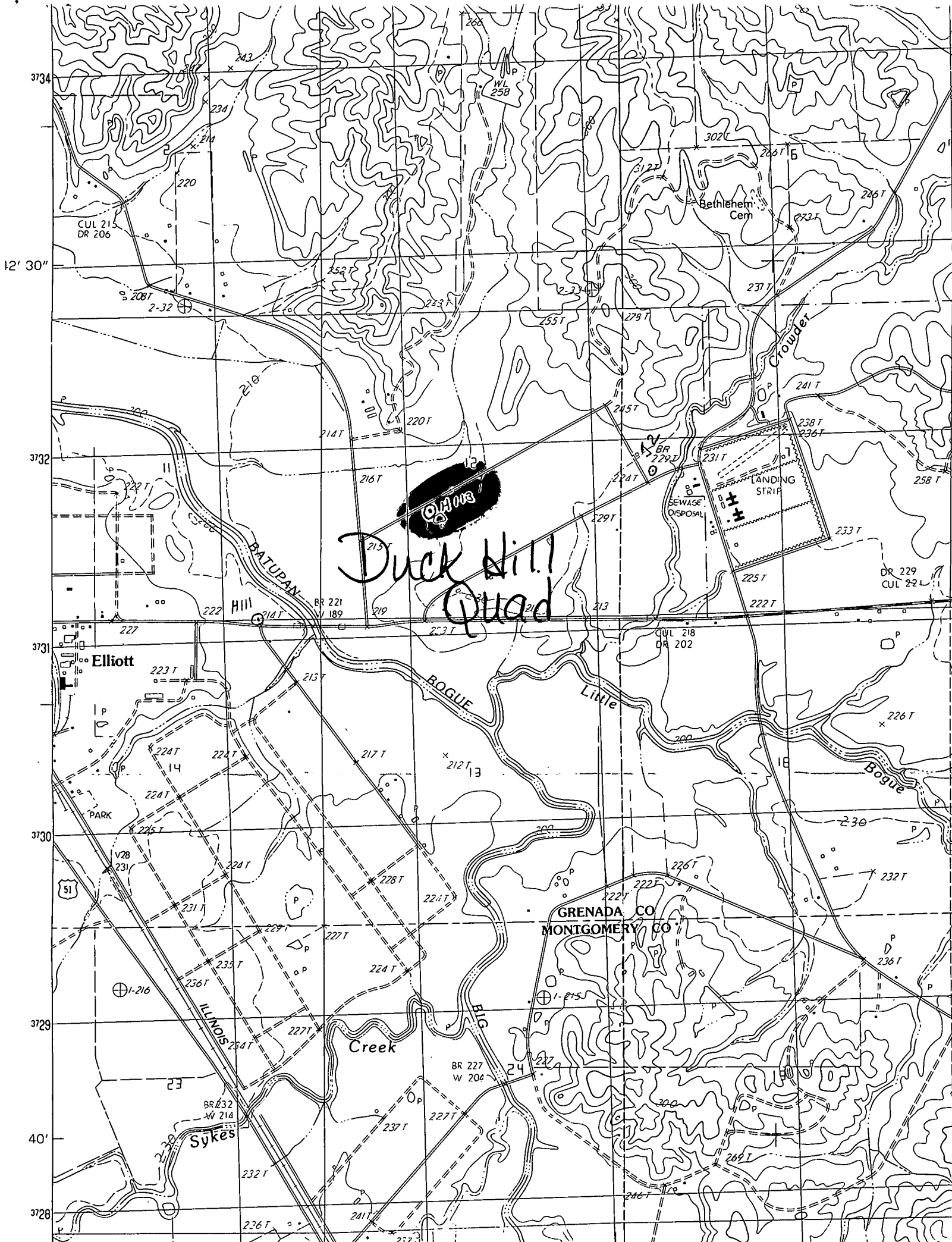
ELEV. (MSL) 216.7' 9/21/94  
W.L. (L.S.) (1) -9.37' 9/21/94  
(2) -9.35' 9/21/94  
HEAD (MSL) +207.33' 9/21/94

SCREENED INTERVAL 161' - 211' (L.S.) / +55.7' - +5.7' (MSL) 9/21/94

AQUIFER VERIFIED Meridian - Upper Wilcox 9/21/94

PREVIOUS W.L. -2.55' (1990) / -1.87' (1989) / -8.2' (1988) / -10' (1978) / 9/21/94  
-9' (1962)

DATA ENTERED \_\_\_\_\_



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Duck Hill Quad

GRENADA CO  
MONTGOMERY CO