

Duck Hill

WRD Ex., (GW)  
April 1966

Well No. H 111

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 1-16-39 Map Duck Hill 15' Quad

State MISSISSIPPI 28 County (or town) Grenada 22

Latitude: 33 41 28 N Longitude: 08 9 40 17 Sequential number: 1

Lat-long accuracy: 3 0 T. 21 S. R. 5 W. Sec. 11 SW. SE. SE.

Local well number: H 111 DD 11 21 NO 5E Other number: B & M

Local use: E T HILL Owner or name: E. T. Hill

Owner or name: E T HILL Address: ELLIOTT, MISS

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom Irr, (I) Med, (M) Ind, (N) P S, (P) Rec. H

Use of well: (S) Stock, (T) Instic, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P S, (Y) Desal-other, (Z) Other. W

DATA AVAILABLE: Well data 3 Freq. W/L meas.: 0 Field aquifer char. 0

Hvd. lab. data: 1942

Qual. water data; type: 1942

Freq. sampling: 0 Pumpage inventory: 0 period: 0

Aperture cards: 0

Log data: 0

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 502 ft Meas. 5

Depth cased: (first perf.) 421 ft Casing type: steel ; Diam. 1.2 in

Finish: (C) concrete, (F) gravel w. concrete, (G) gravel w. screen, (H) horiz. gallery, (I) open end, (J) open hole, (K) other. G

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

Date Drilled: 9-4-42 Pump intake setting: 0 ft

Driller: Layne-Central Co, Memphis Tenn

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple, (M) multiple, (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other. N Deep 0 Shallow 0

Power (type): 0 nat, 0 LP, 0 Trans. or meter no.

Descrip. MP TOP 1 1/2" el 4.5 ft above LSD. Alt. MP 213.2

Alt. LSD: 208.7 209 Accuracy: (source) 1

Water Level: +10.1 ft above below MP; Ft below LSD +16 Accuracy: A

Date meas: 1-2-43 1.43 Yield: 200 gpm Method determined: 0

Drawdown: 0 ft Accuracy: 0 Pumping period: 0 hr

WATER DATA: Iron .04 ppm Sulfate 2.1 ppm Chloride 7 ppm Hard. 17 ppm

Sp. Conduct 0 K x 10<sup>6</sup> Temp. 67 °F Date sampled 9-4-42

Taste, color, etc. 0

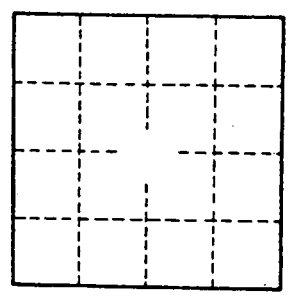
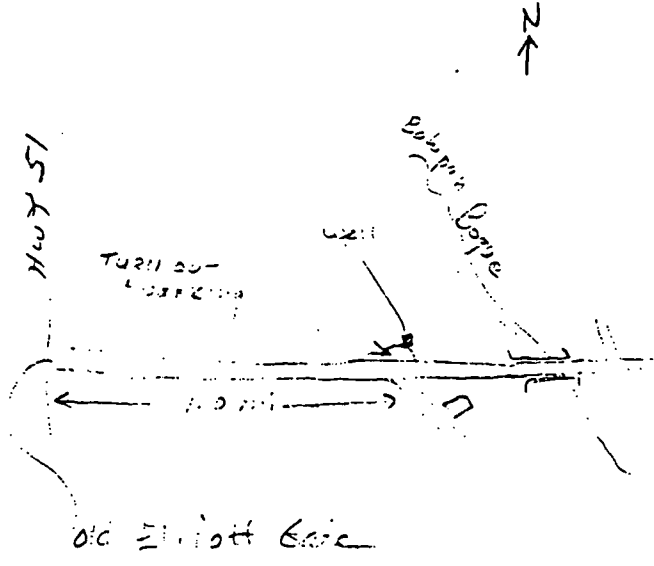
TRANSMITTED FOR AWP  
PUNCHED and VERIFIED  
ROLLS COMPUTATION BRANCH

Well No.

Latitude-longitude 35 41 25 N 122 44 17 W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD 03 Section: \_\_\_\_\_  
 Drainage Basin: D Subbasin: 15G  
 (D) (C) (E) (F) (R) (K) (L) Topo of well site: \_\_\_\_\_  
 (O) (P) (S) (T) (U) (V) \_\_\_\_\_  
 Major Aquifer: Tertiary Eocene TE Middle Wilcox TW  
 system series aquifer, formation, group  
 Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: 99 ft  
 Length of well open to: 99 ft Depth to top of: 421 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: 4000 ft Source of data: S  
 Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_  
 Surficial material: 3U Infiltration characteristics: 2  
 Coefficient Trans: \_\_\_\_\_ gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_  
 Coefficient Perm: \_\_\_\_\_ spm/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well No. HW

Observation Well

County GRENADA

Well No. H111

Owner's Name ET HILL

Location ELLIOT  
(town)

1 mi E  
(miles and direction from center of town)

Other description Turn E off HWY 51 one mile N of county line at ELLIOT at bank building.

Depth 502 Diameter 8 Date drilled 1942

Formation Wilcox

Elev. of lsd 208.69 Recorder \_\_\_\_\_ Type \_\_\_\_\_ No. \_\_\_\_\_

M.P. Top of concrete base at 4.0 <sup>Above</sup> ft below lsd. Date 2/11/76

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

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

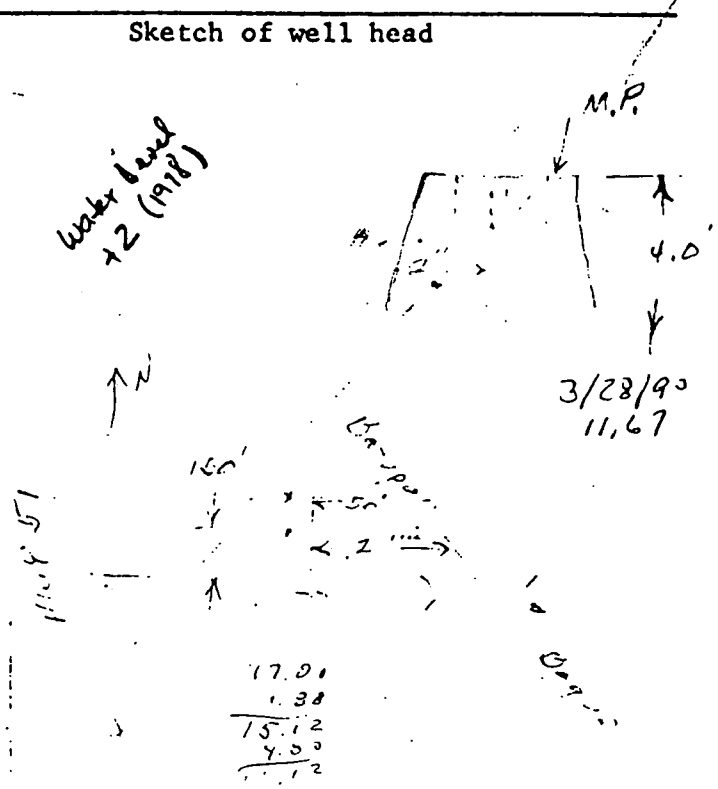
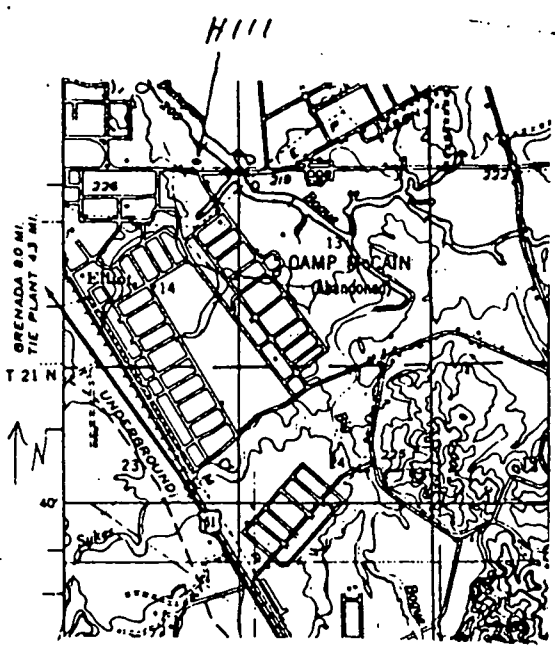
Special Well needs to be capped, slip 3' or 4' pipe over 2' slip to ground between

Water Level +3, 1976  
Sketch of location \_\_\_\_\_ Sketch of well head \_\_\_\_\_

3/3 0187  
8.90

21.00  
3.15  
17.85  
-4.00  
13.85

22.00  
4.15  
17.85  
-4.00  
13.85



17.01  
1.38  
15.12  
4.00  
11.12

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY GRENADA

Duck Hill Quad

WELL OWNER E.T. Hill (Obs Well)

CHECKED

U.S.G.S. NO. H-111

9/21/94

B.O.H. NO None

9/21/94

OLWR NO. \_\_\_\_\_

LOCATION:

MAP SW, SW, SE, SE S11, T21N, R5E

9/21/94

GPS

ELEV. (MSL) 208.69'

9/21/94

W.L. (L.S.) (1) -13.85'

9/21/94

(2) -13.85'

9/21/94

HEAD (MSL) +194.84'

9/21/94

SCREENED INTERVAL 421' - 502' (LS) / -212.31' - -293.31' (msl)

9/21/94

AQUIFER VERIFIED Middle Wilcox

9/21/94

PREVIOUS W.L. -11.67'(1990) / -8.9'(1989) / +2'(1978) / +3'(1976) /

9/21/94

DATA ENTERED +16'(1943)



Duck Hill  
Quad

GRENADA CO  
MONTGOMERY CO