

WRD Exp. (GW)
April 1966

Well No.

H75

WELL SCHEDULE

E-log # 45

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by P.E. Grantham Source of data Driv. + E Log Date 10-2-68 Map

State Mississippi County 218 Grenada 212

Latitude: 33 46 15 N Longitude: 089 43 10 Sequential number: 1

Lat-long accuracy: 2 T. 22 S. R. 5 W. Sec 13 SE 1/4 SE 1/4 NE 1/4

Local well number: H075DA1322N05E Other number: B & M

Local use: 0102045 Owner or name: Knox Hill Water Assoc

Owner or name: Knox Hill Water Assoc Address:

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

(A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R)

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

(S) (T) (U) (V) (W) (X) (Y) (Z)

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

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

Hyd. lab. data:

Qual. water data; type: MSBOW 9/70 | USGS 3-10-71 C

Freq. sampling: Pumpage inventory: yes no period:

Aperture cards: yes

Log data: E-log 6-930 ft Driller's log 930 ft D.E

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 482 ft Meas. 4

Depth cased: 147 ft Casing type: 1-1 ; Dia: 0.71 in

Finish: porous concrete, gravel w. (perfor.), (screen), (horiz. gallery), (open end), (perfor.), (screen), (shored), (open hole), other S

Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) H

Date Drilled: 10-68 968 Pump intake setting: 36 ft 38

Driller: Robert Ratliff Dixie

Lift (type): (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) S Deep Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 7 1/2 U Trans. or meter no. 41

Descrip. MP above ft below LSD. Alt. MP 40

Alt. LSD: 380 280 Accuracy: 47 4

Water Level 41 ft above MP; Ft below LSD 41 Accuracy: 52 D

Date meas: 11-68 Yield: 85 gpm 85 Method 61

Drawdown: 39' @ 85 gpm Accuracy: 64 Pumping period 68 hrs 68

QUALITY OF WATER DATA: Iron 0.05 ppm Sulfate 2.4 ppm Chloride 16 ppm Hard. 16 ppm

Sp. Conduct 377 K x 10⁶ 3 Temp. 18 °C 180 Date sampled 3-10-71 371

Taste, color, etc. pH=8.4 Fe.0 T.S.=241 Cl=18

clear, some H2O smell

DS=246

PUNCHED and VERIFIED
ROLL-OFF INFORMATION

Well No.

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

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 156

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (P) offshore, pediment, hillside, terrace, undulating, valley flat, (S) _____, (T) _____, (U) _____, (V) _____

MAJOR AQUIFER: system _____ series TE aquifer, formation, group TW

Lithology: _____ Origin: 2 Aquifer Thickness: 4 ft

Length of well open to: _____ ft Depth to 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: 442-462 40' x 4" SS

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

Depth to basement: _____ ft Source of data: _____

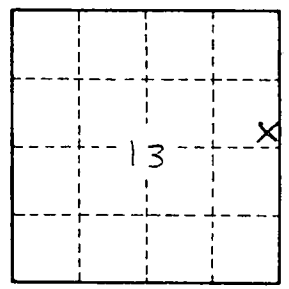
Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft² Coefficient Storage: _____

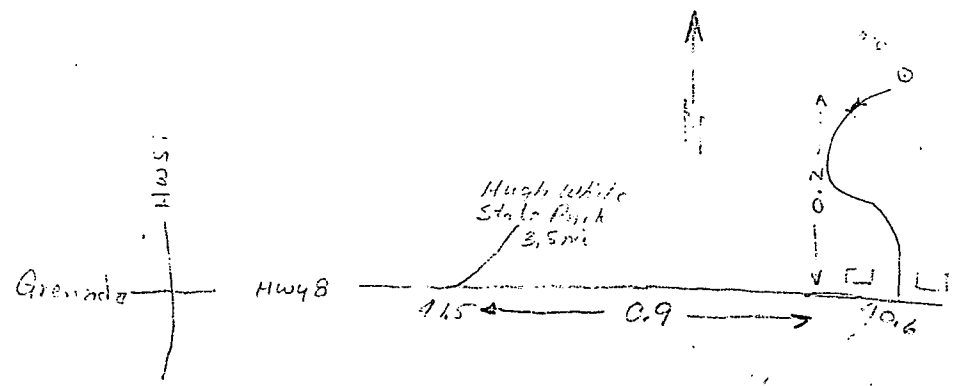
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

Clay bank is visible

442' of 8"
40' of 4" top pipe
40' of 4" SS



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