

GW07714

FORM 9-1642 (1-68)

0220013-01

Well No.

F5a

Elog # 57

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTD Source of data Obs. driller Date 10/70 Map Jefferson

State 28 County (or town) GRENADA 22

Latitude: 334152N Longitude: 0895558 Sequential number: 1

Lat-long accuracy: 2 210 30 11 ENE SW NE

Local well number: E0050A1129N03E Other well number: B & M

Local use: 064057 671 77 Owner or name: Poor House Wtr. Assn

Owner or name: P O P R H O U S E W T R A S S N Address: Well #2 TH #2

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P'S, Desal-other, Other WA P

Use of well: (A) 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: MSBOM 10/70 459' + 499'

Freq. sampling: Pumpage inventory: period:

Aperture cards:

Log data: Elog 4' - 503' DE

12/8/90 WL-127

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: TD 499' ft 499 Meas. rept accuracy 3

Depth cased (first perf.): 457 ft Casing Type: STEEL; Diam. in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open perf., screen, sd. pt., shored, open hole, other S

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

Date Drilled: 9/70 Pump intake setting: ft 36 38

Driller: LAYNE MEMPHIS

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 15 4 Trans. or meter no. 4

Descrip. MP Access hole 2904.4 ft above LSD, Alt. MP 4

Alt. LSD: 300 Accuracy: Topo 4

Water Level: 115 ft above MP; 113 ft below LSD Accuracy: B

Date meas: 6/71 Yield: 100 gpm Method determined

Drawdown: ft 3 Accuracy: 3 Pumping period: hrs 68

QUALITY OF WATER DATA: Iron ppm 3 Sulfate ppm 3 Chloride ppm 200 Hard. ppm 671

Sp. Conduct 320 K x 10 3 Temp. °F 200 Date sampled 6/71

Taste, color, etc. pH: 7.8 Fe: .1 Hard: 18

WELL NO.

WELL NO.

F5

Well No. F5 a

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

HYDROGEOLOGIC CARD

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

D Drainage Basin: 156 Subbasin: _____

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

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

Lithology: _____ Origin: 3S _____ Aquifer Thickness: 2 _____ 50 ft

Length of well open to: 50 ft _____ Depth to top of: _____ 460 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: 4' S.S.

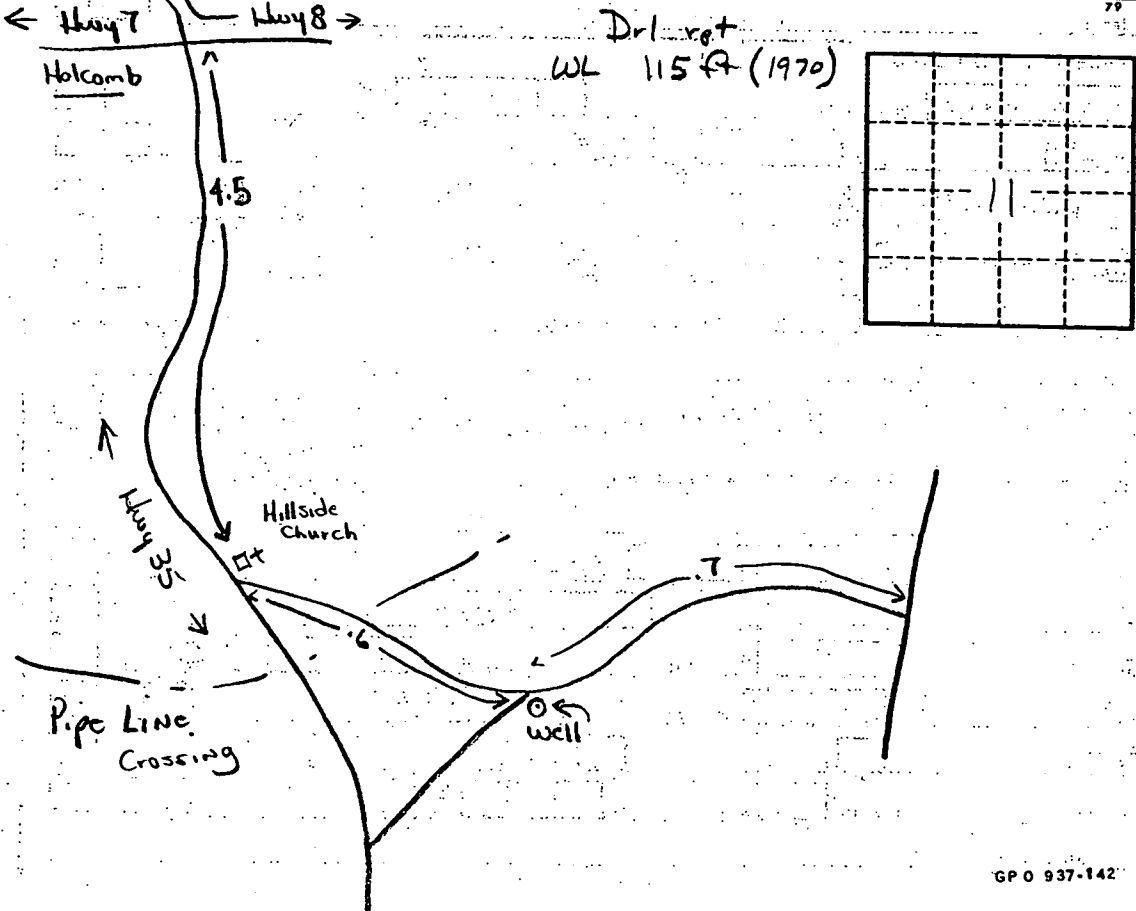
Depth to consolidated rock: _____ ft _____ Source of data: _____

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

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: 19,000 gpd/ft 193 Coefficient Storage: _____

Coefficient Perm: 400 gpd/ft²; Spec cap: 7.4 gpm/ft; Number of geologic cards: _____



GRENADA

F 5

11-13-70

ELOG #57

MISSISSIPPI
BOARD OF WATER COMMISSIONERS
416 North State Street
Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

11-13-70 date well completed xx Singer-Layne Central Div. firm name Grenada county well located

LANDOWNER:	description of formations encountered	from	to	
Poor House Water Assn. Grenada, Mississippi (mailing address)				Clay
WELL LOCATION: sec. <u>11</u> T <u>21</u> N R <u>3</u> E x% x% <u>6</u> miles S. of Holcomb (distance) (direction) (nearest town)	Sand	32	105	
	Clay	105	117	
	Rock	117	119	
	Rock & shale	119	144	
	Shale	144	257	
	Sand-shale stks	257	300	
	Sandy shale	300	456	
	Sand, few shale stks	456	507	
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)				
WELL COMPLETION DATA:				
(1) diameter (inches) <u>8"</u>				
(2) total depth (feet) <u>503'</u>				
(3) static water level (feet) <u>115'</u> below above top of ground.				
(4) casing <u>Steel</u> , <u>454'</u> (material) (depth) <u>8"</u> (size) if telescope see back.				
(5) screen <u>42'</u> , <u>457'</u> (length) (depth to top) <u>4"</u> , <u>s.s. wire wrapped</u> (size) (material)				
(6) pump <u>15</u> <u>100</u> (HP) (yield gpm) <u>electric</u> (type power)				
(7) electric log <u>yes</u> (yes or no) <u>U.S.G.S. - Jackson, Miss.</u> (organization running log)				
(8) how well bottom plugged _____				
DRILLERS REMARKS:				

CODED

NOV 18 1970

MISS. DEPT. OF WATER

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY GRENADA

Jefferson Quad
U.S.G.S. E-Log # 57

WELL OWNER Poorhouse W.A. Well #2

CHECKED

U.S.G.S. NO. F-5a

9/21/94

B.O.H. NO. 220013-01 (no tag on well)

9/21/94

OLWR NO. _____

LOCATION:

MAP NE, NE, SW, NE S 11, T 21 N, R 3 E

9/21/94

GPS _____

ELEV. (MSL) 290'

9/21/94

W.L. (L.S.) (1) -121.7' Poor meas.

9/21/94

(2) -122.33' Poor meas.

9/21/94

HEAD (MSL) +167.67'

9/21/94

SCREENED INTERVAL 457'-499' (LS) / -167' - -209' (MSL)

9/21/94

AQUIFER VERIFIED Meridian - Upper Wilcox

9/21/94

PREVIOUS W.L. -127' (1990) / -113' (1971)

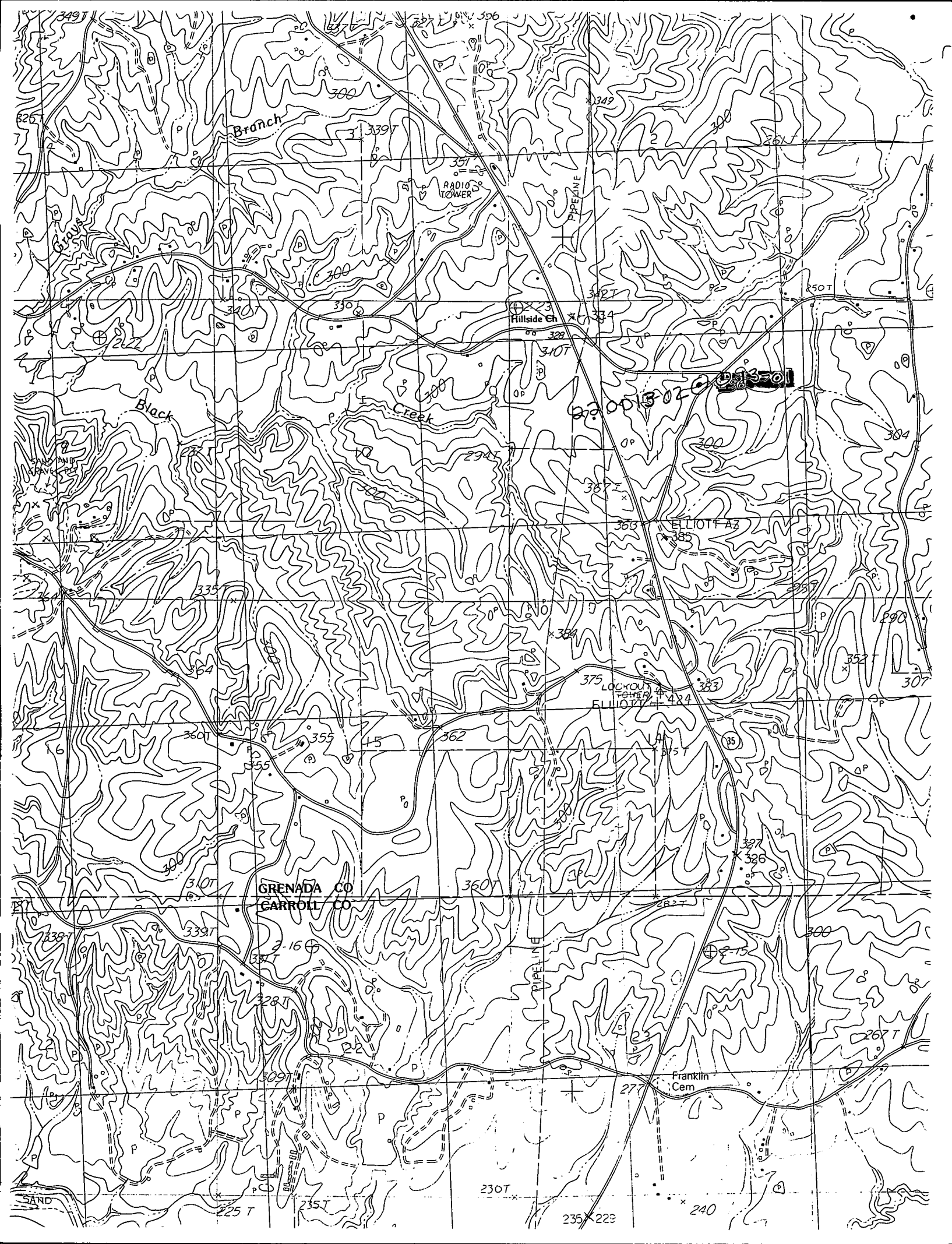
9/21/94

DATA ENTERED _____

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 10/21/97
UNIT DEQ #: _____ FILE #: B102116B
HEALTH DEPT. #: 220013-01 (No tag) ELEV. 290'
USGS #: F5 OLWR #: GW07714
OWNER: Poor House W.A. #2 QUAD: Jefferson
LOCATION: _____ S 11 T 21 N R 3 E COUNTY: Grenada
LOCATION DESCRIPTION: on gravel road which runs into
Sweet Home Rd @ 0.5 m east of Hwy 35
CASING DIA: _____ PUMP TYPE & SIZE: Turbine, 20 HP
GPS FIELD LOCATION: LAT. 33° 42' 07.1" N LONG. 89° 56' 58.1" W
GPS CORRECTED LOCATION: LAT. 33.701487 LONG. 89.949265
REMARKS: Measured @ 12 ft from well



Branch

RADIO TOWER

PIPELINE

Hillside Ch

Black

Creek

67-0013-020-013-01

ELLIOTT A3

LOCKOUT
ELLIOTT 484

GRENADA CO
CARROLL CO

Franklin
Cem

SAND