

WRD Exp. (GW)
April 1966

6409914(SB) CCKF
20019-01 Well No. M2

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by L. R. Callahan Source of data Chas Blossom - Assistant Foreman in Maintenance Date 11-17-66 Map Forest Quad

State Miss County 28 (or town) Scott Sequential number 62

Latitude: 32 21 27 N Longitude: 0 8 24 17 Sequential number: 2

Lat-long accuracy: 1 0 6 S, R 9 W, Sec 17, 12 degrees 13 min 18 sec

Local well number: M 0 0 2 C 1 7 0 6 N 0 9 E Other number Scott Co. Board of Supervisors

Local use: 0 6 4 Owner or name: Sunbeam MFG CO Address: Forest Miss

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Mad, (N) Ind P S, Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z)

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other (N)

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

Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, (W) Withdraw, Waste, Destroyed (W)

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

Hyd. lab. data:

Qual. water data; type: USGS 11-29-67

Freq. sampling: Pumpage inventory: no, period:

Aperture cards:

Log data:

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 280 Meas. 3

Depth cased (first perf.): 220 Casing type: 17 Diam. 17

Finish: porous gravel w. gravel w. horiz. open (C) (D) (H) (I) (J) (K) (L) (M) (N) (O) (P) (R) (T) (U) (V) (W) (X) (Z)

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

Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive rot, rot., percussive, rotary, other (H)

Date Nov 1962? 9 6 2 Pump intake setting: 36 38

Driller: Layne Central CO, Jackson Miss.

Lift (A) (B) (C) (J) (M) (N) (P) (R) (S) (T) (U) (V) (W) (X) (Z) (T) Deep (D)

(type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other (T) Shallow (D)

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

Descrip. MP (2) ft above LSD. Alt. MP (5)

Alt. LSD: 450 452 Accuracy: (CI 20) (5)

Water Level 74.77 ft above MP; Ft below LSD (7.2) Accuracy: (Tape) (7)

Date 11/17/66 (N 6 6) Yield: 300 gpm (306) Method determined (3)

Drawdown: (3) Accuracy: (3) Pumping period (3) hrs (3)

QUALITY OF WATER DATA: Iron 1.7 (5) Sulfate 98 (3) Chloride 17 (1) Hard. 139 (4)

Sp. Conduct. 370 K x 10 (3) Temp. (N 6 7)

Taste, color, etc.

Hughes Aircraft

11,4180
75.65' - WL below MP
25' - MP - air discharge
73.15' WL below LSD
450
73
377

71' when drilled

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No.

Well No. M2

Latitude-longitude 32 21 27 ^N 089 24 17 _{d m s d m s}

HYDROGEOLOGIC CARD

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

Drainage Basin: D Subbasin: 13T

Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, (F) terrace, (G) undulating, (H) valley flat, (I) _____

MAJOR AQUIFER: Tertiary system, Eocene series, T.E aquifer, formation, group, Cockfield aquifer, formation, group, C.P

Lithology: US Origin: 2 Thickness: _____ ft

Length of well open to: _____ ft, Depth to top of: 220 ft

MINOR AQUIFER: _____ system, _____ series, _____ aquifer, formation, group, _____ Aquifer, _____ Thickness: _____ ft

Lithology: _____ Origin: _____ Thickness: _____ ft

Length of well open to: _____ ft, Depth to top of: _____ ft

Intervals Screened: 60' x 8"

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

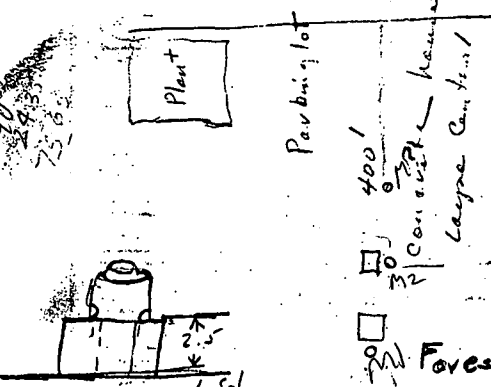
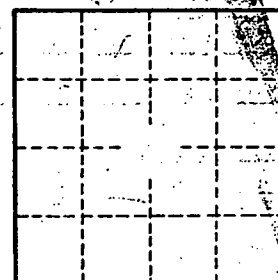
Depth to basement: _____ ft, Source of data: _____

Surficial material: Silty Clay, Infiltration characteristics: Very Poor

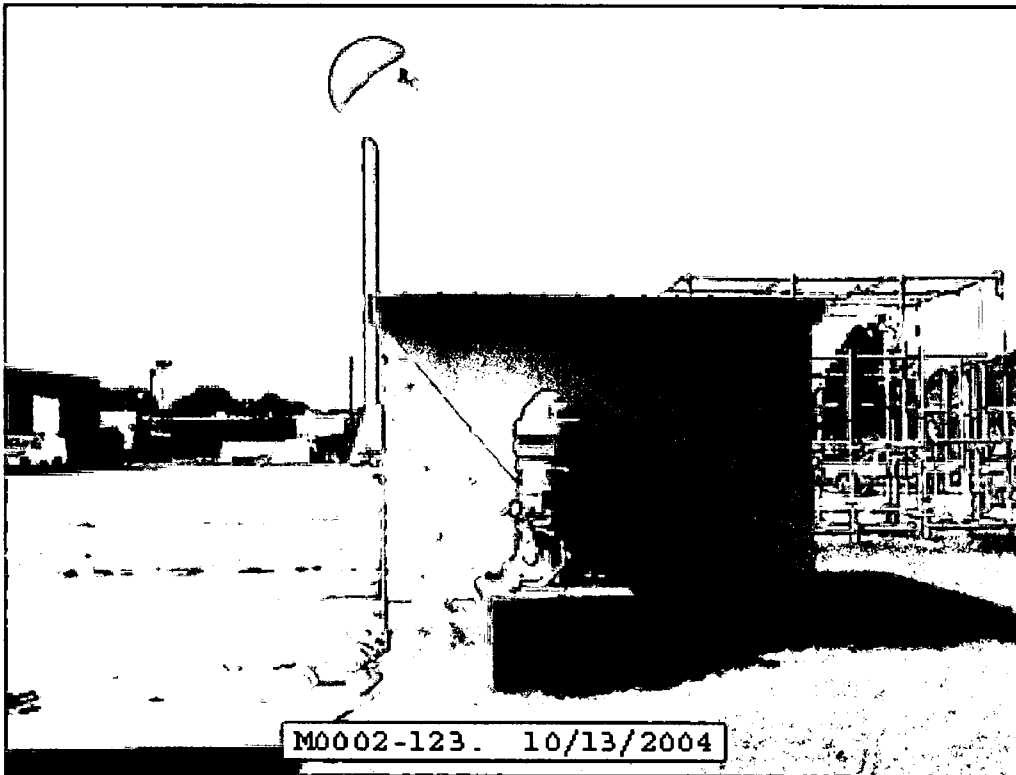
Coefficient Trans: _____ gpd/ft, Coefficient Storage: _____

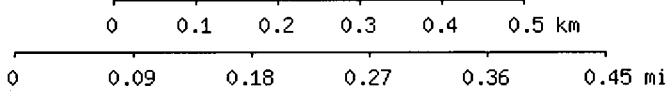
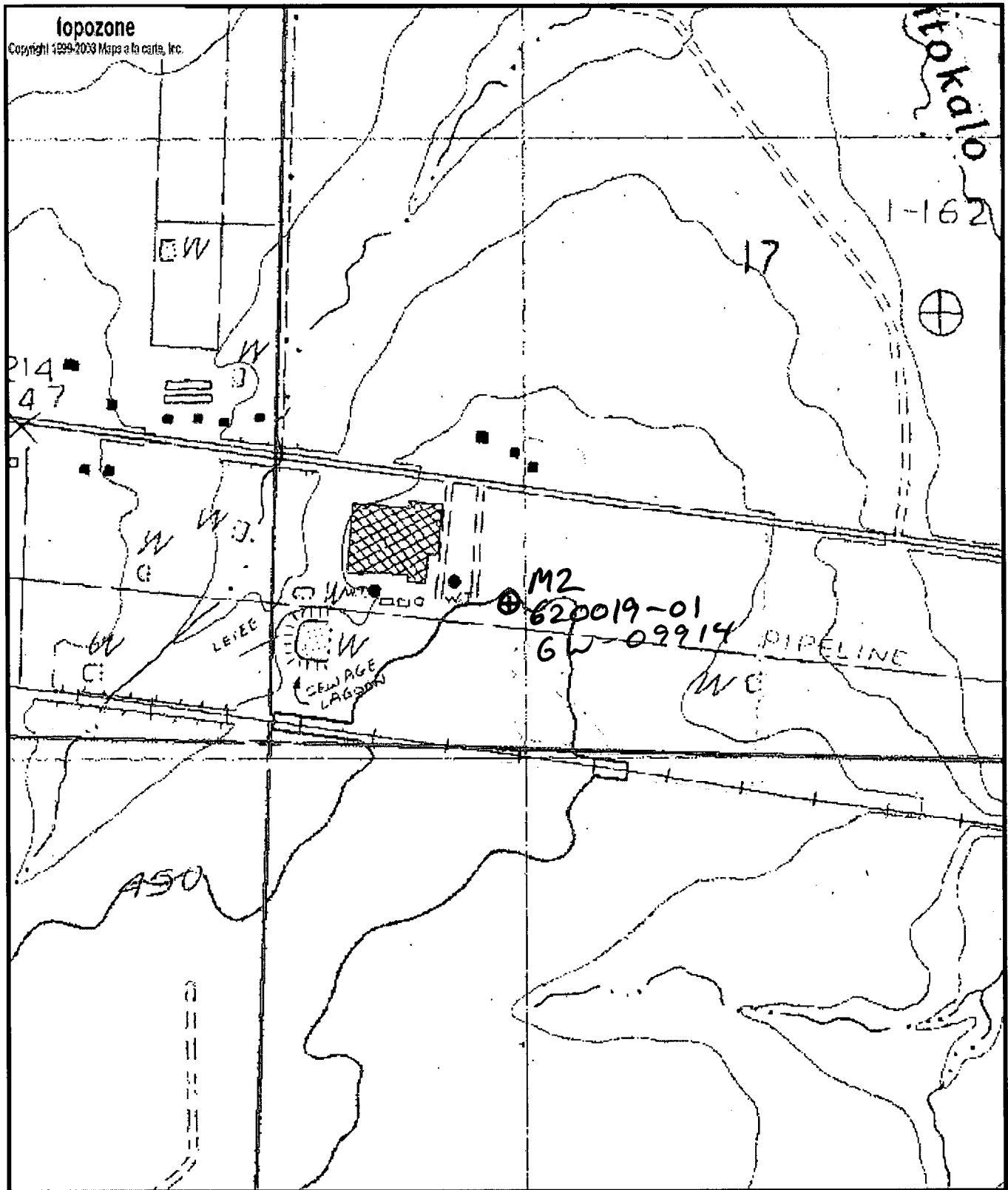
Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

- Yellow Clay 15
- blue clay 64
- hard shale 160
- fine sd, shaly shale 180
- shaly, shaly blue sd 220
- blue sd 240
- sand clay 290



Well No. M2





Map center is 32° 21' 23"N, 89° 24' 07"W (WGS84/NAD83)

Forest quadrangle

Projection is UTM Zone 16 NAD83 Datum

PAP/DLH
5/1/97

M=-0.109
G=-1.286

Real Time

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 5/1/97

UNIT DEQ #: _____ FILE #: A050114A

HEALTH DEPT. #: 620019-01 ELEV. 447

USGS #: M2 ^{LOW} 8/10/04 OLWR #: 6W-09914 ^{LOW} 8/10/04

OWNER: Hughes Aircraft QUAD: Forest

LOCATION: sw/sw S 17 T 6 N R 9 E COUNTY: Scott

LOCATION DESCRIPTION: About 200 ft east of water tank
at Hughes Aircraft

CASING DIA: 12" PUMP TYPE & SIZE: Turbine; 30 HP

GPS FIELD LOCATION: LAT. 32° 21.378' N LONG. 89° 24.120' W

GPS CORRECTED LOCATION: LAT. 32.356282 LONG. 89.40202301

REMARKS: _____

tagged
LWW
10/13/04
32.35629
89.40197
P101

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-09914

County: SCOTT

Owner: SCOTT COUNTY BOARD OF SUPERVISORS

Aquifer: CCKF

USGS No: MC002

BOH No: 0620019-01

Location: SW 1/4 of the SW 1/4 of SEC 17 TWN 06N RNG 09E **Lat:** 322124 **Long:** 892408

Quad: FOREST

District: N/A

Date Issued: 22-NOV-88

Date Renewed: 09-MAR-99

Date Expired: 09-MAR-09

Applicant: RAYTHEON SYSTEMS MISSISSIPPI

Owner: SCOTT COUNTY BOARD OF SUPERVISORS

Address 1: 19859 HIGHWAY 80

Address 1: P. O. DRAWER 630

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: FOREST

City: FOREST

State: MS **Zip:** 39074

State: MS **Zip:** 39074

Driller: LAYNE CENTRAL COMPANY

Maximum Rate: 300

Amount Withdrawn Acre feet: 0

Amount Withdrawn Mgd: 0

Use

STANDBY
INDUSTRIAL

Casing

Type: STEEL
Diameter: 12
Length: 220

Screen

Type: STAINLESS STEEL
Diameter: 8
Length: 60