

6W-01423 (MW)

62000 9-01

WELL SCHEDULE

Elog # 92

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PUNCHED

MAR 20 1974

MASTER CARD

Record by WTR Source of data BOWC Date 1/71 Map Morton

State 28 County (or town) Scott 6:2

Latitude: 322112N Longitude: 0893820 Sequential number: 3

Lat-long accuracy: 20 T. 60 S. R. 60 Sec. 24NE SWSENE, NWY

Local well number: J032AB2406N06E Other number: B & H

Local use: 064092 Owner or name: Test note #2

Owner or name: MORTON Address: Production well

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

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 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: USGS 4/19/73

Freq. sampling: Pumpage inventory: no. period:

Aperture cards:

Log data: E log 160'-1670 (Sch) DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1832 Meas. rept accuracy 3

Depth cased (first perf.): 1752 Casing type: Steel Diam. 16

Finish: porous concrete, gravel v. concrete, gravel v. (perf.), gravel v. (screen), horiz. gallery, open end, (C) porous concrete, (F) gravel v. (perf.), (G) gravel v. (screen), (H) horiz. gallery, (I) open end, (J) other, (K) other, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other S

Method drilled: (A) air rot, (B) air bored, (C) cable, (D) dug, (E) hyd rot., (F) hyd percussion, (G) hyd rot., (H) air percussion, (I) air rot., (J) air reverse, (K) air trenching, (L) driven, (M) drive wash, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other H

Date drilled: 2/19/71 971 Pump intake setting: ft

Driller: Layne name Jackson address

Lift (type): (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) nose, piston, rot, submerg, turb, other, (E) Deep, (F) Shallow T

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P., (I) Trans. or meter no. 125 W

Descrip. MP 452 ft above/below LSD, Alt. MP est.

Alt. LSD: 450 Accuracy: (source) est.

Water Level: 228 ft above/below MP; Ft below LSD 228 Accuracy: D

Date meas: 177 Yield: 700 gpm Method determined 41

Drawdown: ft Accuracy: hrs

QUALITY OF WATER DATA: Iron ppm Sulfate ppm Chloride ppm Hard. ppm

Sp. Conduct 330 K x 10⁶ 3 Temp. 26 F 260 Date sampled 4-19-73 473

Taste, color, etc. Ph 7.2 Clear.

Well No.

J32

Latitude-longitude

N
S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province:

03

Section:

D

Drainage Basin:

13T

Subbasin:

(D) (C) (B) (F) (H) (K) (L)
top of depression, stream channel, dunes, flat, hilltop, sink, swamp,
all site: (P) (S) (T) (U) (V)
offshore, pediment, hillside, terrace, undulating, valley flat

JOR

UIFER:

TE

SS

Geology:

US

Origin:

2

Aquifer Thickness:

117

ft

197

Length of well open to:

ft

80

Depth to top of:

1510

ft

770

NOR

UIFER:

Geology:

Length of well open to:

ft

Depth to top of:

ft

Intervals

enclosed:

8' S.S.

Depth to consolidated rock:

ft

Source of data:

Depth to cement:

ft

Source of data:

Official

Serial:

Infiltration characteristics:

Efficient

Storage:

gpd/ft

Coefficient Storage:

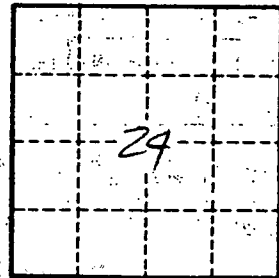
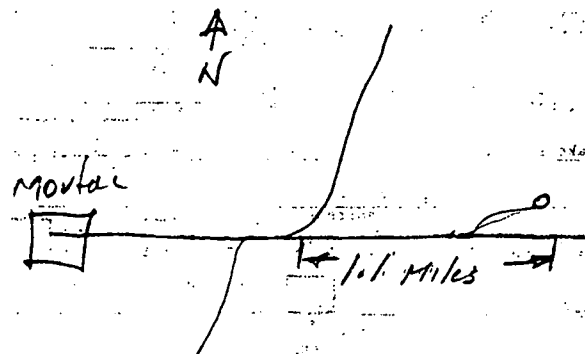
Efficient

Storage:

gpd/ft²; Spec cap:

gpm/ft; Number of geologic cards:

USGS/MSBOH sampled 1550 sand
Color high SpLond: 940



Well No.

1-32

OK Dat 8103

GW 1473

E LOG # 92

SCOTT
J32
2-19-71

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

CODED

WATER WELL DRILLERS LOG

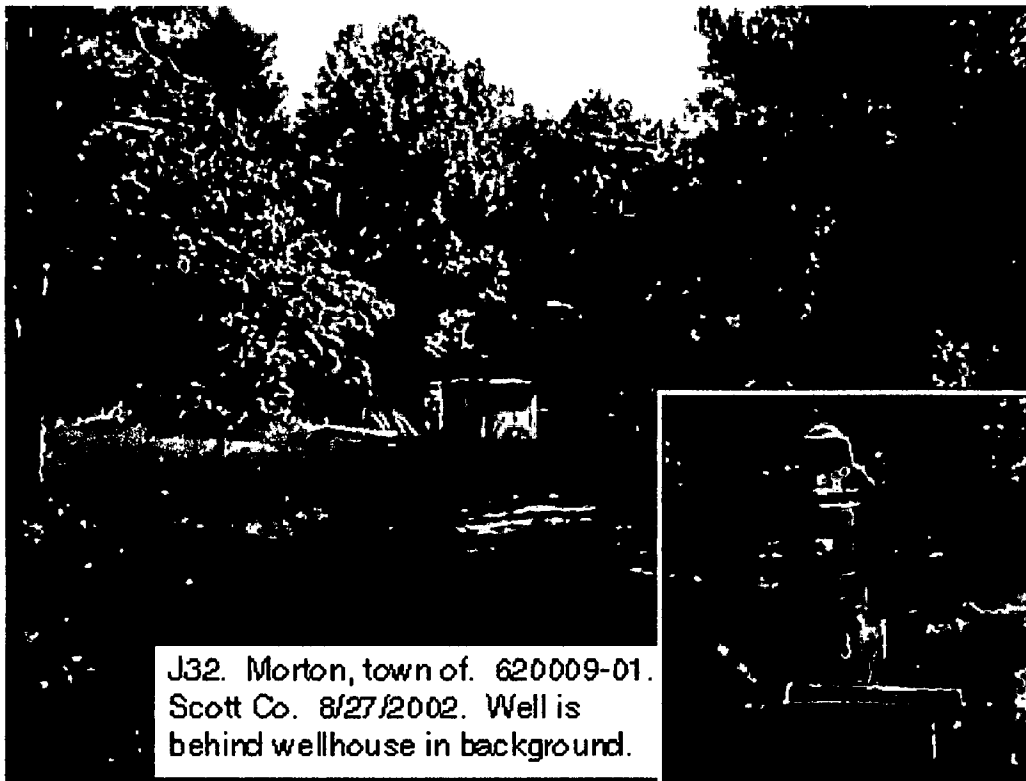
1971 Singer-Layne Central Div. Scott
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
City of Morton ✓ Morton, Miss (mailing address)			
WELL LOCATION: sec. 24 T 6 N R 6 E	Yellow Clay	0	15
(distance) miles (direction) of (nearest town)	Blue Clay	15	253
WELL PURPOSE: Municipal (home, irrigation, municipal, industrial)	Rock	253	254
WELL COMPLETION DATA:	Blue Clay	254	328
(1) diameter (inches) 16"	Sandy Clay	328	418
(2) total depth (feet) 847'	Thin Sand, Shale & Clay	418	560
(3) static water level (feet) 228' below top of ground.	Clay, Shale & Fine Sand	560	615
(4) casing Steel, 752' (material) (depth)	Rock	615	616
16" If telescope see back. (size)	Clay	616	628
(5) screen 80', 752' (length) (depth to top)	Rock	628	630
8" Stainless Steel (size) (material)	Clay, Shale & Rock	630	645
(6) pump 125 (HP) 700 G.P.M. (yield gpm)	Clay, Shale & Sand	645	740
Electric (type power)	Shale	740	857
(7) electric log yes (yes or no)	Shale, Shale	857	905
Schlumberger (organization running log)	Sand	905	948
(8) how well bottom plugged Valve	Shale, Shale	948	1080
	Clay, Shale & Sand	1080	1230
	Rock	1230	1231
	Shale	1231	1242
	Rock	1242	1243
	Shale	1243	1245
	Rock	1245	1246
	Shale and Sandy Shale	1246	1262
	Rock	1262	1263
	Shale & Lime Shale	1263	1267
	Lime Rock	1267	1274
	Shale	1274	1279
	Lime Rock	1279	1381
	Hard Shale, Shale & Sand	1381	1370
	Hard Shale, Shale & Sand	1370	1447
	Rock	1447	1448
	Shale & Sand, Shale	1448	1574
	Sand & Shale, Shale	1574	1625
	Shale & Sand, Shale	1625	1646
	Shale	1646	1672

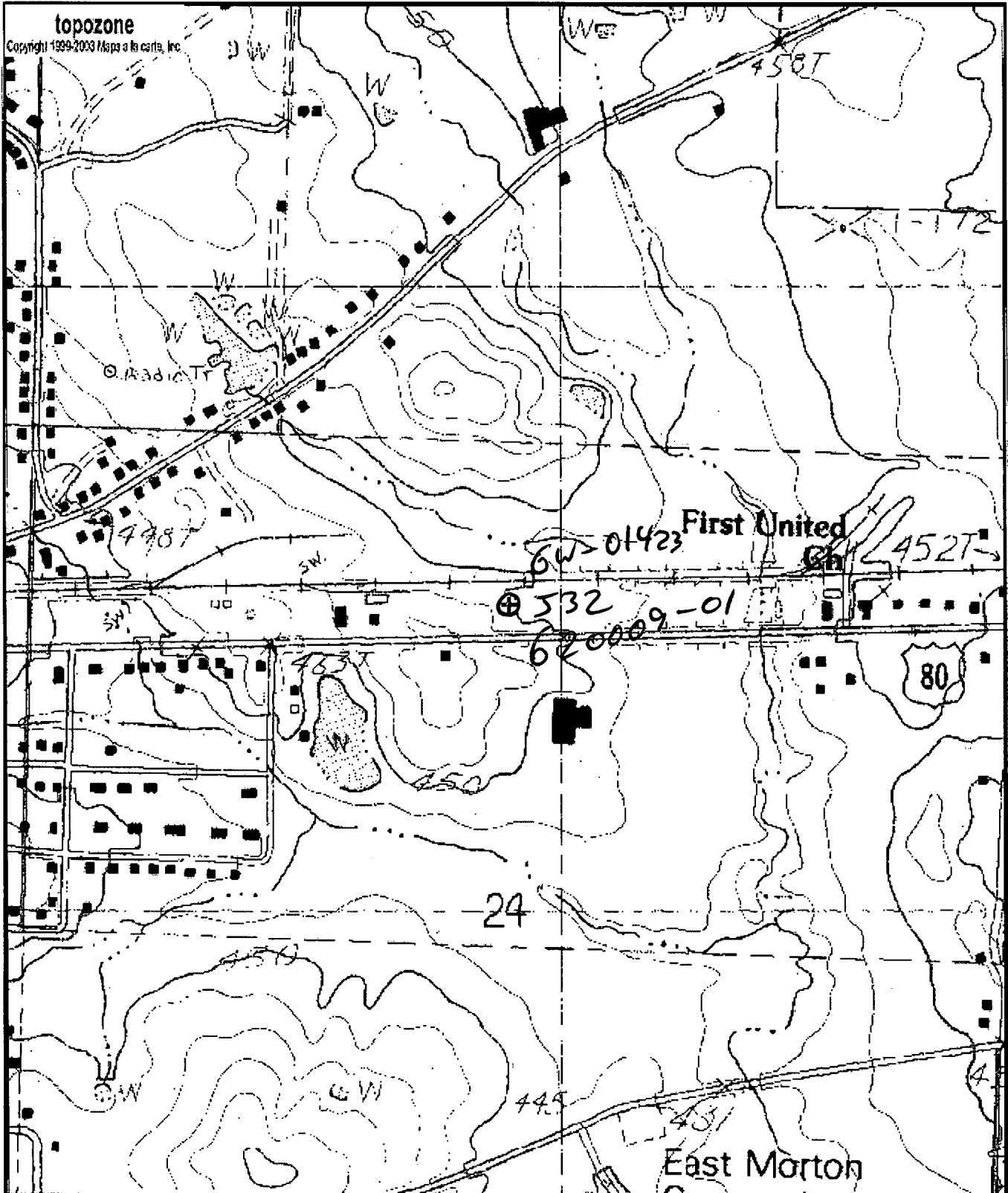
CODED

FEB 24 1971

MISS. BD. OF WATER COMM.



J32. Morton, town of. 620009-01.
Scott Co. 8/27/2002. Well is
behind wellhouse in background.



0 0.1 0.2 0.3 0.4 0.5 km
 0 0.1 0.2 0.3 0.4 0.5 mi

Map center is 32° 21' 14"N, 89° 38' 11"W (WGS84/NAD83)

Morton quadrangle

Projection is UTM Zone 16 NAD83 Datum

ww
 4/22/03

M=1.004
 G=-1.412



Real Time

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 4/24/97

UNIT DEQ #: _____ FILE #: A042414C

HEALTH DEPT. #: 620009-01 ELEV. 498 452 ^{llw 7/30/04}

USGS #: 532 ^{llw 7/30/04} OLWR #: 6W-01423 ^{llw 7/30/04}

OWNER: City of Morton QUAD: Morton

LOCATION: NE/NW S 24 T 6N R 6E COUNTY: Scott
_{side}

LOCATION DESCRIPTION: North^{side} of Hwy 80 just past cement
plant

CASING DIA: _____ PUMP TYPE & SIZE: Turbine 125 HP

GPS FIELD LOCATION: LAT. 32° 21.225' N LONG. 89° 38.179' W

GPS CORRECTED LOCATION: LAT. 32.35372929 LONG. 89.63632915

REMARKS: Measured 18' west of well

4/22/03 llw
32.35376
89.63627

tagged llw
10/13/04
32,35381
89,63640

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
(General Report

Permit Number: MS-GW-01423

County: SCOTT

Owner: MORTON, CITY OF

Aquifer: SPRT

USGS No: J0032

BOH No: 0620009-01

Location: NE 1/4 of the NW 1/4 of SEC 24 TWN 06N RNG 06E Lat: 322114 Long: 893811

Quad: MORTON

District: N/A

Date Issued: 11-FEB-86

Date Renewed: 27-FEB-96

Date Expired: 11-FEB-06

Applicant: MORTON, CITY OF

Owner: MORTON, CITY OF

Address 1: P. O. BOX 555

Address 1: P. O. BOX 555

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: MORTON

City: MORTON

State: MS Zip: 39117

State: MS Zip: 39117

Driller: LAYNE CENTRAL

Maximum Rate: 770

Amount Withdrawn Acre feet: 660.9883

Amount Withdrawn Mgd: .59

Use

MUNICIPAL

Casing

Type: STEEL

Diameter: 16

Length: 752

Screen

Type: STAINLESS STEEL

Diameter: 8

Length: 80