

GW01112

JUN 17 1975

FORM 9-1642 (1-68)

Well No. M 36

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B.I.D. Source of data BOWC Date 6-71 Map Madden

State 28 County Leake (or town) 40

Latitude: 32 43 40 N Longitude: 08 92 02 5 Sequential number: 1

Lat-long accuracy: 3 10 9 W SE NE/SW/NE/SW

Local well number: M 036 CD 11110 N 09 E Other number: \_\_\_\_\_

Local use: 147 Owner or name: \_\_\_\_\_

Owner or name: JAMES McDONALD Address: Carthage

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

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) P S, (K) Rec, (L) Stock, (M) Instit, (N) Unused, (O) Repressure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other FC

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed W

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

Hyd. lab. data:

Qual. water data; type:

Freq. sampling:  Pumpage inventory:  yes no; period: \_\_\_\_\_

Aperture cards:  yes

Log data: TLLT

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 180 ft Meas. rept 3

Depth cased; (first perf.) 140 ft Casing type: PVC; Diam. 6 in

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other 5

Method: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air rot., (H) percussion, (I) rotary, (J) reverse, (K) trenching, (L) driven, (M) drive wash, (N) other 4

Date Drilled: 9-7-71 Pump intake setting: \_\_\_\_\_ ft

Driller: Thomas S name address

Lift (type): (A) air, (B) bucket, (C) cent., (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other.  Deep  Shallow

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

Descrip. MP 470 ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 627 Accuracy: (source) \_\_\_\_\_

Water Level 72 ft above below MP; Ft above below LSD 72 Accuracy: \_\_\_\_\_

Date meas: 5-7-71 Yield: 190 gpm Method determined 0

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs

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

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> Temp. \_\_\_\_\_ °F Date sampled \_\_\_\_\_

Taste, color, etc. \_\_\_\_\_

Well No.

M 36

Latitude-longitude \_\_\_\_\_ N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

**SAME AS ON MASTER CARD** Physiographic Province: \_\_\_\_\_ Section: 03

Drainage Basin: D Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) offshore, pediment, hillside, terrace, undulating, valley flat (E) (F) (H) (K) (L) (V)

MAJOR AQUIFER: system \_\_\_\_\_ series \_\_\_\_\_ aquifer, formation, group \_\_\_\_\_

Lithology: \_\_\_\_\_ Origin: \_\_\_\_\_ Aquifer Thickness: 59 ft

Length of well open to: \_\_\_\_\_ ft Depth to top of: 140 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 PVC Gravel Banded

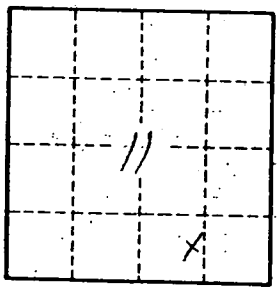
Depth to consolidated rock: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_ Infiltration characteristics: \_\_\_\_\_

Coefficient Trans: \_\_\_\_\_ gpd/ft Coefficient Storage: \_\_\_\_\_

Coefficient Perm: \_\_\_\_\_ gpd/ft<sup>2</sup>; Spec cap: \_\_\_\_\_ gpm/ft; Number of geologic cards: \_\_\_\_\_



Well No.

M 36

LEAKE  
m 36  
5-5-71

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

**CODED**

WATER WELL DRILLERS LOG

5-5 1971 Thomas & Son Leake  
date well completed firm name county well located

LANDOWNER: James McDonald  
Carthage, Miss.  
(mailing address)

WELL LOCATION:  
sec. 11 T 10 N R 9 E  
3 1/2 miles N of Madden  
(distance) (direction) (nearest town)

WELL PURPOSE: Fish Pond  
(home, irrigation, municipal, industrial)

WELL COMPLETION DATA:  
(1) diameter (inches) 6  
(2) total depth (feet) 190  
(3) static water level (feet) 72 below top of ground.  
(4) casing PVC 140 (material) (depth)  
6 (size) if telescope see back.  
(5) screen 40 140 (length) (depth to top)  
4 PVC Gravel Paved (size) (material)  
(6) pump 7 1/2 190 (HP) (yield gpm)  
Elec 3 Ph. (type power)  
(7) electric log No (yes or no)  
(organization running log)  
(8) how well bottom plugged Back with Valve

Description of formations encountered	from	to
Red Clay	0	15
Yellow Chalk	15	22
Black Dirt	22	25
Rock & Shell	25	90
Dirty silt	90	96
Hard shell	96	111
Green Sand	111	128
Hard Grey Chalk	128	134
Rock & B.D. Dirt	134	140
Course white Sand	140	161
Strs. Hard Dirt & Course Sand	161	170
Black Dirt	170	174
White Course Sand	174	194

**CODED**

JUN 18 1971

MISS. BD. OF WATER COMM.

DRILLERS REMARKS:

**DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-  
PUBLIC SUPPLY WELLS PROJECT**

**GPS LOG**

USER NAME (S) : RLB                      DC                      DATE :july 23-2003  
UNIT DEQ # : \_\_\_\_\_                      FILE # : \_\_\_\_\_  
HEALTH DEPT. # : \_\_\_\_\_                      ELEVATION : \_\_\_\_\_  
USGS # : m36                                      OLWR # :gw 01112  
OWNER : james mcdonald                                      QUAD madden:  
LOCATION : se se                      S 11                      T 10n                      R 9e                      COUNTY leake  
LOCATION DESCRIPTION : @ fish culture pond

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CASING DIA : 6                      PUMP TYPE & SIZE :sub  
GPS FIELD LOCATION : LAT .32.72997                                      LONG. 89.32974  
GPS CORRECTED LOCATION : LAT                      . LONG.  
REMARKS : P000919

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32° 43' 48"  
89° 19' 47"

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REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF EDUCATION

OFFICE OF THE SECRETARY

MANILA, PHILIPPINES

DATE: \_\_\_\_\_

TO: \_\_\_\_\_

FROM: \_\_\_\_\_

SUBJECT: \_\_\_\_\_

RE: \_\_\_\_\_

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Department of Environmental Quality  
Office of Land and Water Resources

Ground Water Permit  
General Report

Permit Number: MS-GW-01112

County: LEAKE

Owner: MCDONALD, JAMES

Aquifer: TLLT

USGS No: M0036

BOH No: N/A

Location: SE 1/4 of the SE 1/4 of SEC 11 TWN 10N RNG 09E Lat: 324337 Long: 892019

Quad: MADDEN

District: N/A 32.72997

PO00919

Date Issued: 28-JAN-86

Date Renewed: 12-AUG-97 89.32974

Date Expired: 12-AUG-07

Applicant: MCDONALD, JAMES

Owner: MCDONALD, JAMES

Address 1: ROUTE 3 BOX 211B

Address 1: ROUTE 3 BOX 211B

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: CARTHAGE

City: CARTHAGE

State: MS Zip: 39051

State: MS Zip: 39051

Driller: THOMAS & SON DRILLING-CARTHAGE, MS

Maximum Rate: 100

Amount Withdrawn Acre feet: 125

Amount Withdrawn Mgd: .1116

Use

FISH CULTURE

Casing

Type: PVC

Diameter: 6

Length: 150

Screen

Type: PVC

Diameter: 4

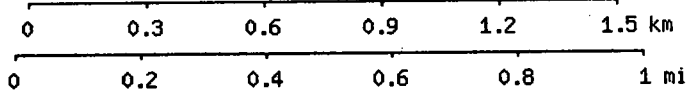
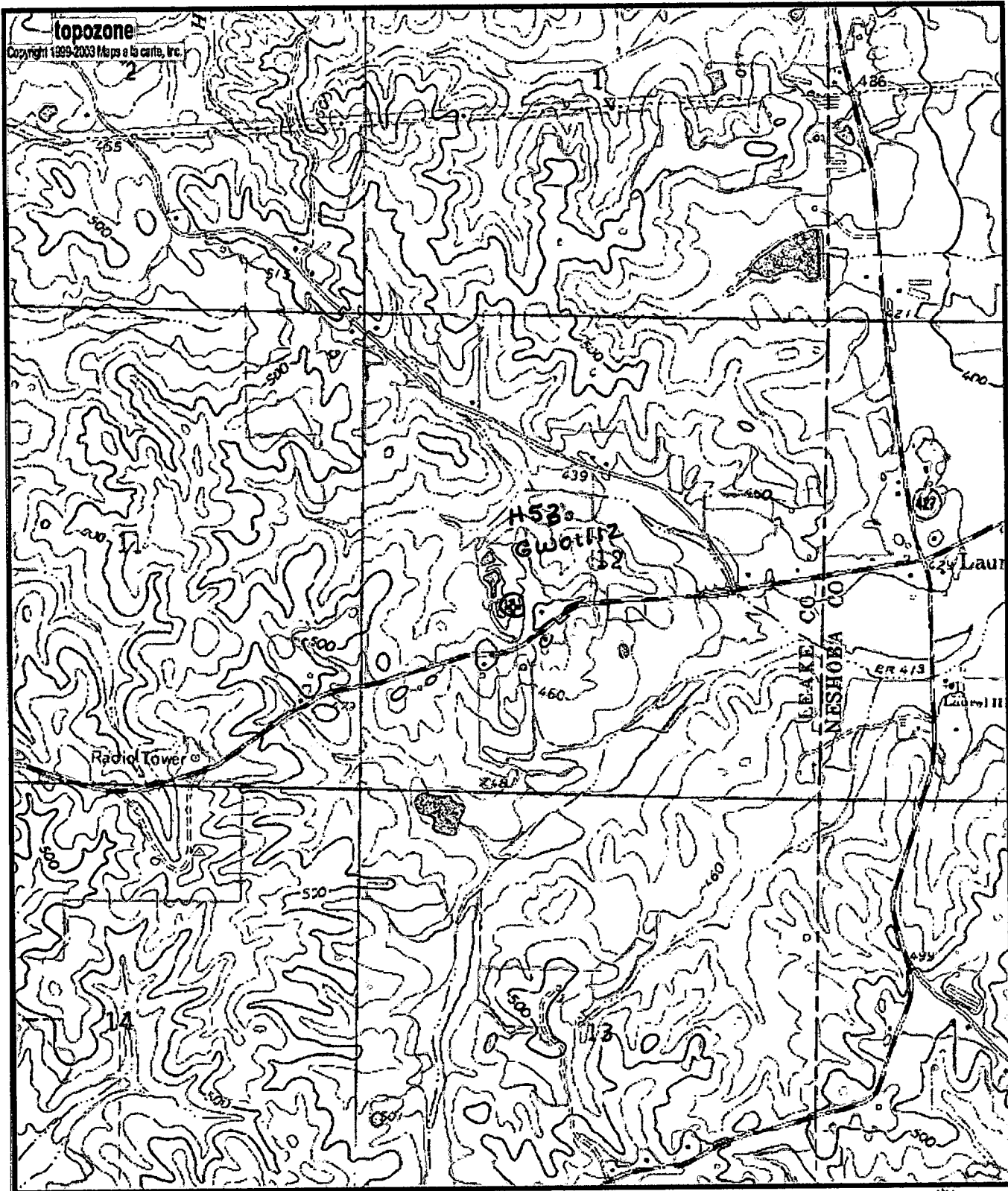
Length: 40



JAMES McDONALD M36 GW01112

LEAKE CO 32-72997-89-32974

JULY 21 2003



Map center is 32° 43' 48"N, 89° 19' 47"W (WGS84/NAD83)  
**Madden** quadrangle - TopoZone Pro elevation display  
Projection is UTM Zone 16 NAD83 Datum

M=-0.111  
G=-1.26