



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

WELL SCHEDULE

FIPS: 123

WELL: M63

LOG NO.: _____

Recorded by: WW Data Source: Driller's Log Date: 8/12/04
County: Scott Permit No.: 6W-15402 DOH No.: 620008-03
Quad: Lake Elevation: 445
1/4: NE 1/4: NW 1/4: SW 1/4: SE Sec.: 24 T: 6N R: 9E

Plotted on quad?: yes In field? yes From drillers log? _____ From permit? _____
Latitude: 32.342900 Longitude: 89.327600 GPS? yes From Quad? _____
Primary aquifer: MUWX Secondary aquifer: _____
Use: MU Well status: active Local well name: #3
Owner: Lake, Town of

Date completed: 1/4/00 Driller: Herndon Well depth: 1030 Hole Depth: 1100
Pump type: Turbine Power type: electric Pump capacity: 240 gpm HP: 40
Casing interval: 0-930 Casing length: 93' Casing diameter: 12" Casing type: Coated Steel
Casing interval: ~~0-870~~ 870-970 Casing length: 100' Casing diameter: 8" Casing type: ? S
Screen interval: 970-1030 Screen length: 60' Screen diameter: 6" Screen type: SS
Screen interval: _____ Screen length: _____ Screen diameter: _____ Screen type: _____
Type of logs: _____ Log interval: _____
Initial water level: 202 Date: 1/4/00 M.P. description: _____

Water Quality Data? _____ Source: _____ Reliability: _____
Water Level Data? _____ Source: _____ Reliability: _____
Pump Test Data? _____ Source: _____ Reliability: _____
Water Use Data? _____ Source: _____ Reliability: _____

Water level data

1/4/00 202 Driller

9/12/00 199.9 WW/CBB

This area for location map and notes

[Faint handwritten notes and illegible text scattered throughout the lower section of the page.]

**CORRECTED WELL DATA ON COMPUTER
 PER LAM-M REQUEST 6-22-2000 JB*

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
 Office of Land and Water Resources

P. O. Box 10631
 Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED SCOTT	
WELL NUMBER # 3	CODED
m63	
DATE WELL COMPLETED 01-04-00	

PERMIT NUMBER GW 15402
NAME OF DRILLING FIRM HERNDON WELL & SUPPLY

NAME & MAILING ADDRESS OF LANDOWNER TOWN OF LAKE	
P.O. BOX 39	
LAKE MS. 39092	
WELL LOCATION	SEC TOWNSHIP RANGE (E) (W)
	24 6 N 9 S W
DISTANCE	DIRECTION NEAREST TOWN
0 Miles	BY RR of LAKE
OTHER LANDMARK	
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. MUNICIPAL	

PUMP DATA		
PUMP TYPE (Circle One): Submersible, (Turbine) <u>oil lube</u> <input type="checkbox"/> Flowing Well. Other (Describe)		
POWER TYPE (Circle One): (Electric.) <input type="checkbox"/> Tractor, Diesel, Gasoline, Butane. Other (Describe) MOTOR H/P 40		
Pump Capacity (GPM) 240	No of Stages 9	Setting Depth 330 FT.
PUMP TEST		
Well yielded 240 @ 82PSI GPM with a drawdown of 68 ft. after 24 hours of pumping		

WELL DATA		
Well Depth 1030.34	Casing Diameter (in) 12	Casing Length (Ft) 930
Type of Casing COATED STEEL	Hole Depth 1100	Depth to Static Water Level 202
TYPE OF COMPLETION: (Circle One or More): (Gravel Packed) (Underreamed) (Telescoped.) Natural Development. Open Hole. Other (Describe)		
WELL GROUTED TO A DEPTH OF 930 FEET Type Grout (circle one): Cement, Bentonite, or Mix		

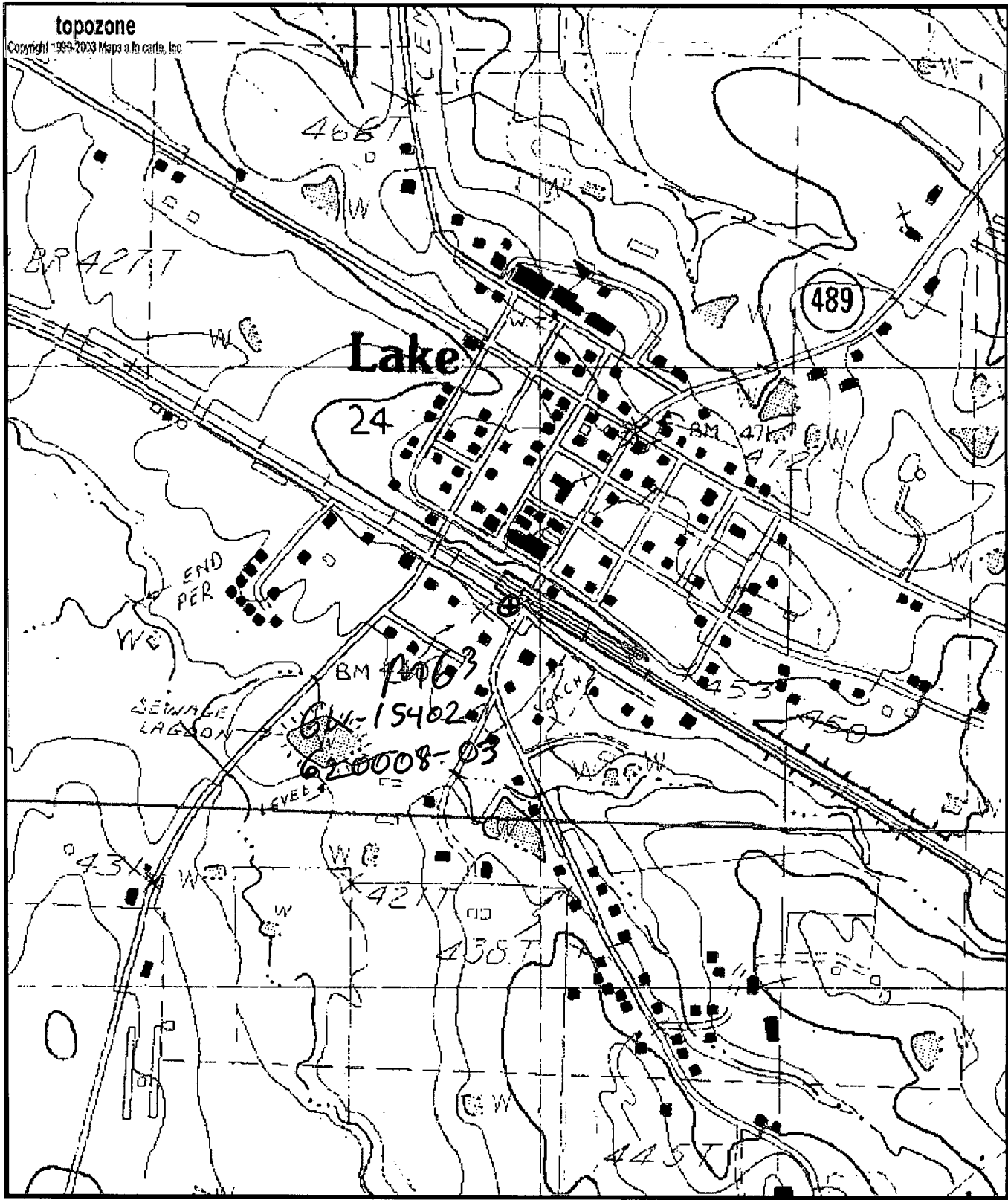
LOG DATA	
TYPE OF LOG RUN (Circle One): 2 No Log Run. Electric, Gamma Ray, Density, Sonic, Neutron, Other (Describe)	
Name of Organization Running Log HERNDON WELL PEARL	

SCREEN DATA		
Diameter - inches 6	Length - Feet 60.03	Slot Size - inches .012
Screen Type SS WIREWRAPPED	Depth to Bottom - Feet 1030.34	

GEOLOGIC DATA (Office Use Only)			
Surface Elev	Depth to Top	Analysis	Moist Test
Driller's Remarks JUN 21 2000			
Top of Lap Pipe or Reduction in Quality 870 FEET ONE SCREEN: USE BACK PAGE			

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
BROWN CLAY	0	60			
GREY CLAY	60	160			
SAND	160	220			
CLAY	220	370			
SAND	370	410			
SANDY CLAY & SAND	410	550			
CLAY	550	932			
SAND W/STREAKS OF CLAY	932	1035			
SANDY CLAY	1035				
TD	1102				

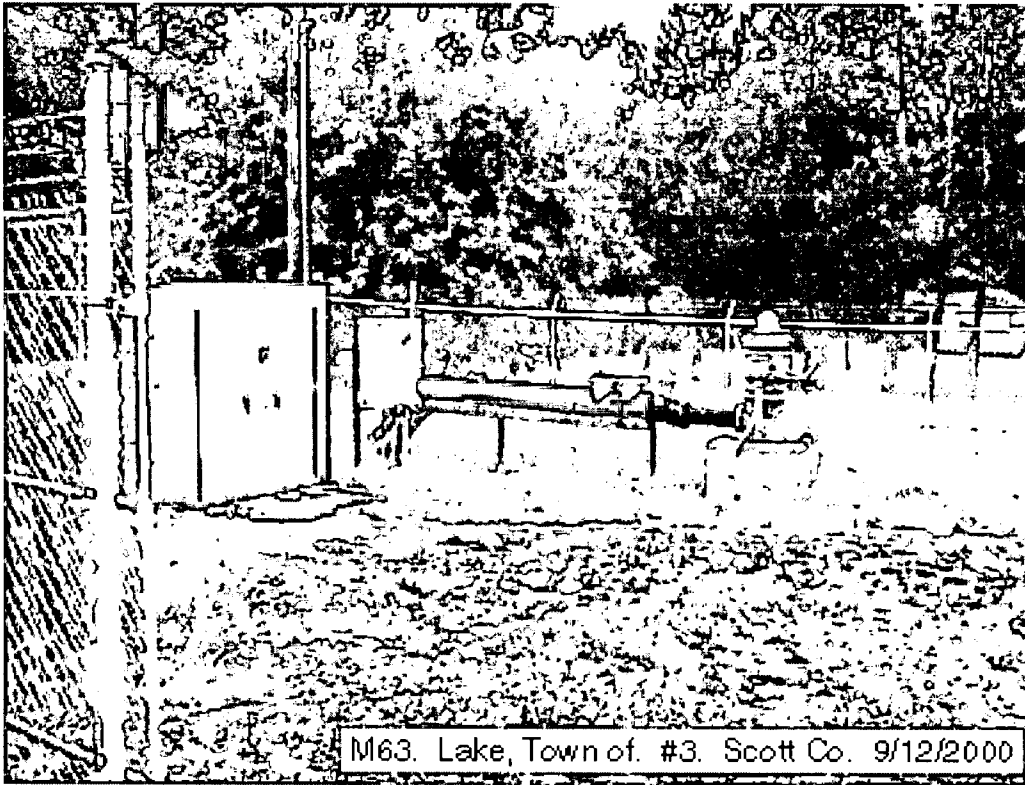
IF MORE SPACE IS NEEDED, USE BACK



Map center is 32° 20' 34"N, 89° 19' 39"W (WGS84/NAD83)
Lake quadrangle
 Projection is UTM Zone 16 NAD83 Datum

ww/cbb
9/2/00

M=-0.162
 G=-1.246



M63. Lake, Town of. #3. Scott Co. 9/12/2000

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR-
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME (S): RLB - DC DATE: Oct 15, 2001

UNIT DEQ #: _____ FILE #: _____

HEALTH DEPT. #: 620008-03 ELEVATION: 445

USGS #: M063 OLWR #: MS-GW-15402

OWNER: Lake Water Works QUAD: Lake

LOCATION: _____ S 24 T 6N R 9E COUNTY Scott

LOCATION DESCRIPTION: Next to Railroad Station
in Lake

CASING DIA: 12" PUMP TYPE & SIZE: Turbine, 40 H.P. plunger

GPS FIELD LOCATION: LAT. 32.342900 LONG. -89.327600

GPS CORRECTED LOCATION: LAT. _____ LONG. _____

REMARKS: GPS @ well

tagged
CWW
32.34277
89.32748
10/14/04

WW/CBB
32.342900
89.327600

Department of Environmental Quality
Office of Land and Water Resources

Ground Water Permit
General Report

Permit Number: MS-GW-15402

County: SCOTT

Owner: LAKE, TOWN OF

Aquifer: MUWX

USGS No: M0063

BOH No: 0620008-03

Location: SW 1/4 of the SE 1/4 of SEC 24 TWN 06N RNG 09E **Lat:** 322034 **Long:** 891939

Quad: LAKE

District: N/A

Date Issued: 13-APR-99

Date Renewed:

Date Expired: 13-APR-09

Applicant: LAKE, TOWN OF

Owner: LAKE, TOWN OF

Address 1: P. O. BOX 39

Address 1: P. O. BOX 39

Address 2: N/A

Address 2: N/A

Address 3: N/A

Address 3: N/A

City: LAKE

City: LAKE

State: MS **Zip:** 39092

State: MS **Zip:** 39092

Driller: HERNDON WELL&SUPPLY

Maximum Rate: 240

Amount Withdrawn Acre feet: 33.6096

Amount Withdrawn Mgd: .03

Use

MUNICIPAL

Casing

Type: STEEL

Diameter: 12

Length: 93

Screen

Type: STAINLESS STEEL

Diameter: 6

Length: 60