

WRD Exp. (GW)  
April 1966

GW 01670 (standby)  
No Health tag

Well No.

**A19 A23** Standby  
E Log # 79 Primary MWX

U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE  
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Enq. GAY from Gulfport  
LUDLOW Quad

MASTER CARD

Record by WTO Source of data driller's obs Date 12/68 Map LUDLOW Quad

State 28 County (or town) Scott 62

Latitude: 323406N Longitude: 089400W Sequential number: 1

Lat-long accuracy: 2 T. 2 S, R 6 W, Sec 35 N, SW t, SW t, NE t

Local well number: 4023CA0308NO6E Other number: B & M

Local use: 002079 Owner or name: L&F Water Assoc

Owner or name: L & F W A Address: E. of Ludlow 2 1/2 miles

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, 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: MWXY

Freq. sampling:  Pumpage inventory:  yes, no, period:

Aperture cards:  yes

Log data: E log 1245 DE

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1230 Meas. rept accuracy 3

Depth cased: 1150 Casing type: 8 Diam. in 8

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, other H

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

Date Drilled: 12/68 968 Pump intake setting: 415 ft 36 38

Driller: Robert RATCHIF LEAK-driller name address

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

Power (type): diesel, elec, gas, gasoline, hand, gas, wind, H.P. 20  Trans. or meter no. 41

Descrip. MP 415 ft above LSD. Alt. MP 415

Alt. LSD: 410 Accuracy: (source) topo 10' 47 4

Water Level: 144 ft above below MP; Ft below LSD 144 Accuracy: 4 52 4

Date meas: 179 Yield: 140 gpm 140 Method determined 4

Drawdown: 144 ft Accuracy: 0 Pumping period 70ay hrs 24

QUALITY OF WATER DATA: Iron ppm 69 Sulfate ppm 70 Chloride ppm 71 Hard. ppm 72

Sp. Conduct 6 K x 10 73 Temp. °F 74 76 Date sampled 77 79

Taste, color, etc.

Water level  
12/17/88  
149.59  
565

At same site as A33

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No.

A23

Well No. \_\_\_\_\_

A23

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

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: \_\_\_\_\_

03 Section: \_\_\_\_\_

0 Drainage Basin: \_\_\_\_\_

13T Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp  
(P) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: \_\_\_\_\_

TE series

Meridian Upper Wilcox aquifer, formation, group

MW

Lithology: \_\_\_\_\_

3 Origin: \_\_\_\_\_

2 Aquifer Thickness: \_\_\_\_\_ ft

90 Length of well open to: \_\_\_\_\_ ft

80 Depth to top of: \_\_\_\_\_ ft

415

MINOR AQUIFER: \_\_\_\_\_

Lithology: \_\_\_\_\_

Origin: \_\_\_\_\_

Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: \_\_\_\_\_ ft

Depth to top of: \_\_\_\_\_ ft

Intervals Screened: \_\_\_\_\_

Depth to consolidated rock: \_\_\_\_\_ ft

Source of data: \_\_\_\_\_

Depth to basement: \_\_\_\_\_ ft

Source of data: \_\_\_\_\_

Surficial material: \_\_\_\_\_

Infiltration characteristics: \_\_\_\_\_

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

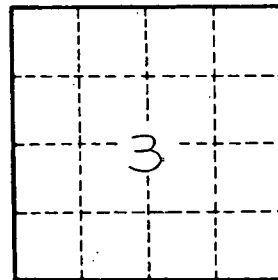
Coefficient Storage: \_\_\_\_\_

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

Pumping test conducted

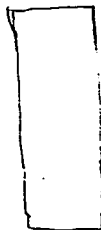
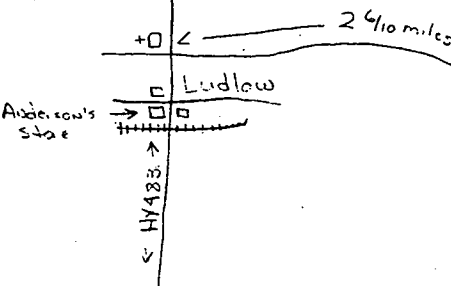
Results questionable

1150' of 8" 80' of 4" screen



LEAKE CO.

SCOTT CO.



3/70 (111)(A)

Well No. \_\_\_\_\_

A23

6W-01670

SCOTT  
A 23  
12-31-68

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

*Robert G. Ratliff*

12-31-68  
date well completed

~~L & F Waterless~~  
firm name

*Scott*  
county well located

LANDOWNER:  
*L & F Waterless*  
*Ludlow Miss*  
(mailing address)

description of formations encountered	from	to
<i>Clay + Sand</i>	<i>0</i>	<i>119</i>
<i>Shale + Sand</i>	<i>119</i>	<i>150</i>
<i>Sand</i>	<i>150</i>	<i>305</i>
<i>Shale</i>	<i>305</i>	<i>425</i>
<i>Sand</i>	<i>425</i>	<i>460</i>
<i>Shale</i>	<i>460</i>	<i>500</i>
<i>Sand</i>	<i>500</i>	<i>600</i>
<i>Shale + Sand</i>	<i>600</i>	<i>705</i>
<i>Shale</i>	<i>705</i>	<i>1140</i>
<i>Sand</i>	<i>1140</i>	<i>1225</i>

WELL LOCATION:  
sec. *3* T. *8* N. R. *1* E.  
*2 1/2* miles *East* of *Ludlow*  
(distance) (direction) (nearest town)

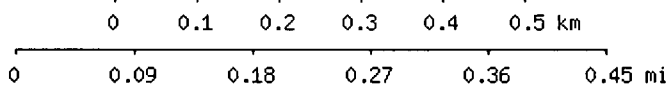
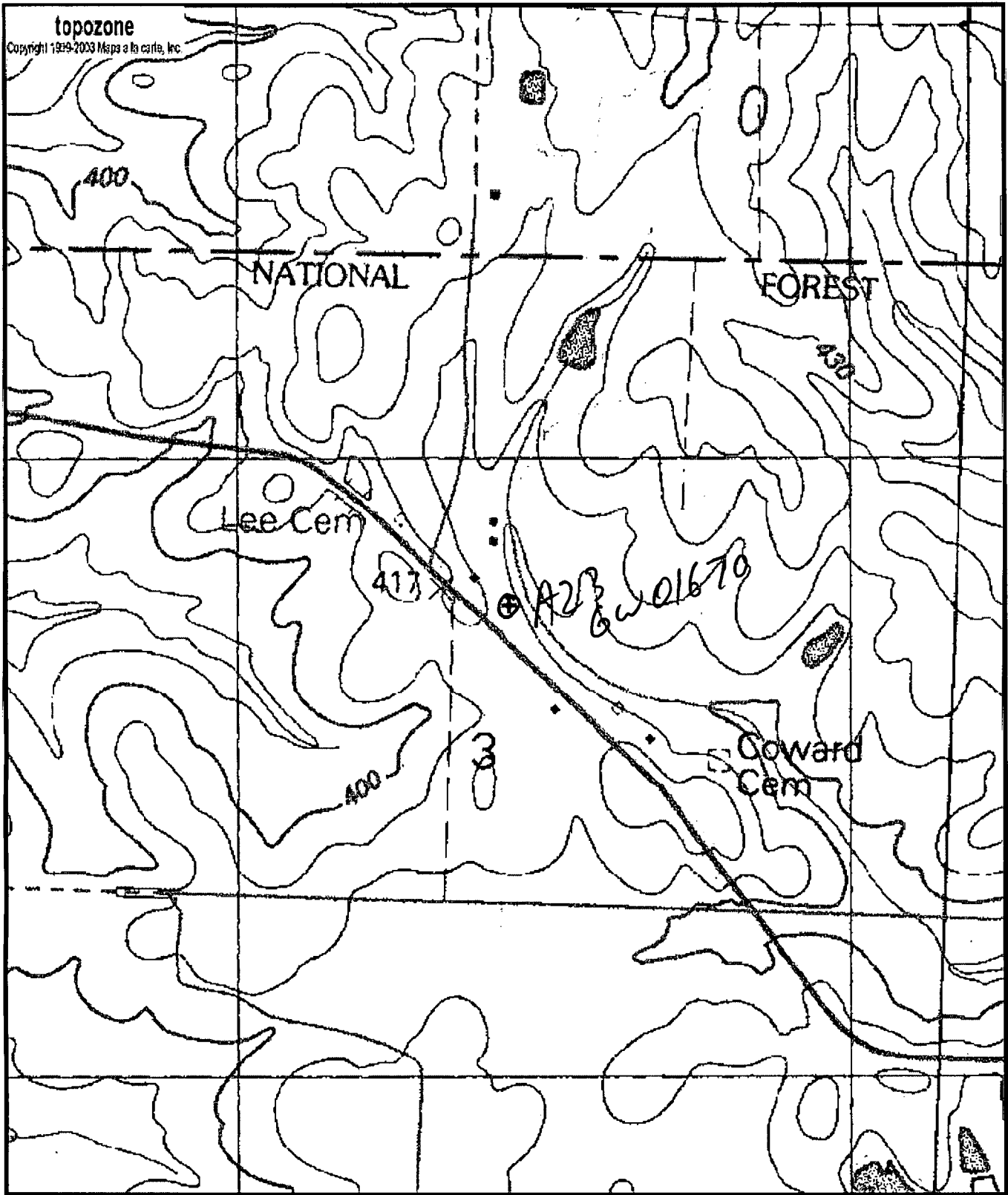
WELL PURPOSE:  
(home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) *8"*
  - (2) total depth (feet) *1227*
  - (3) static water level (feet) *102* below above top of ground.
  - (4) casing *steel* *1150*  
(material) (depth)  
if telescope see back.
  - (5) screen *80'* *1150*  
(length) (depth to top)  
*4"* *Stainless Steel*  
(size) (material)
  - (6) pump *20* *200*  
(HP) (yield gpm) *per*  
*Subm.* *140 gal.*  
(type power) (minutes)
  - (7) electric log *yes*  
(yes or no) *USGS*  
*State of Miss*  
(organization running log)
  - (8) how well bottom plugged *Back*  
*Wash Water*

DRILLERS REMARKS:

DEC 2 - 1970

MISS. BD. OF  
WATER COMM.



Map center is 32° 34' 19"N, 89° 40' 08"W (WGS84/NAD83)  
**Ludlow** quadrangle  
 Projection is UTM Zone 16 NAD83 Datum

*WW*  
*10/20/04*  
 M=0.037  
 G=-1.438

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LWW DATE: 10/20/04

PICTURE #: P137 FILE #: \_\_\_\_\_

HEALTH DEPT. #: no tag, not in use but permitted for standby ELEV.: 414

USGS #: A23 OLWR #: 6W-1670

OWNER: L & F W A QUAD: Ludlow

LOCATION: NW 1/4 NE 1/4 S 3 T 8N R 6E COUNTY: Scott

LOCATION DESCRIPTION: on Hillsborn - Ludlow Rd (North side), 2.5 miles east of intersection of Hwy 483.

CASING DIAM: 8" PUMP TYPE AND SIZE: sub. pump

GPS FIELD LOCATION: LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

GPS CORRECTED: LAT: 32.57192 LONG: 89.66903

REMARKS: A33 (620007-02) is also at this site as is an elevated tank.

tagged  
10/20/04  
LWW



A0023-123. 10/20/2004

**Department of Environmental Quality**  
**Office of Land and Water Resources**

**Ground Water Permit**  
**General Report**

**Permit Number:** MS-GW-01670

**County:** SCOTT

**Owner:** L & F WATER ASSOCIATION, INC.

**Aquifer:** MUWX

**USGS No:** AC023

**BOH No:** N/A

**Location:** SW 1/4 of the NE 1/4 of SEC 03 TWN 08N RNG 06E **Lat:** 323416 **Long:** 894006

**Quad:** LUDLOW

**District:** N/A

**Date Issued:** 11-MAR-86

**Date Renewed:** 26-MAR-96

**Date Expired:** 11-MAR-06

**Applicant:** L & F WATER ASSOCIATION, INC.

**Owner:** L & F WATER ASSOCIATION, INC.

**Address 1:** P. O. BOX 27

**Address 1:** P. O. BOX 27

**Address 2:** N/A

**Address 2:** N/A

**Address 3:** N/A

**Address 3:** N/A

**City:** LUDLOW

**City:** LUDLOW

**State:** MS **Zip:** 39098

**State:** MS **Zip:** 39098

**Driller:** ROBERT RATLIFF

**Maximum Rate:** 100

**Amount Withdrawn Acre feet:** 0

**Amount Withdrawn Mgd:** 0

**Use**

STANDBY  
RURAL WATER  
ASSOCIATION

**Casing**

**Type:** STEEL

**Diameter:** 8

**Length:** 1150

**Screen**

**Type:** STAINLESS STEEL

**Diameter:** 4

**Length:** 80