

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

**62007-01**

Primary **MUWX**

**MASTER CARD**

Record by **WTR** Source of data **MSCS** Date **5/69** Map **Forkville**

State **28** County (or town) **Scott** **62**

Latitude: **322745N** Longitude: **0893954** Sequential number: **7**

Lat-long accuracy: **20** T. **70** S. R. **60** W. Sec **10** **SE** **NE** **SE**

Local well number: **E040AD1007N06E** Other number: \_\_\_\_\_

Local use: **002082** **370** **60** Owner or name: **L & F Water Assoc.**

Owner or name: **L & F W A** Address: **Forkville well**

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

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) Recharge, (P) Desal-P S, (Q) Desal-other, (R) Other **P**

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. **Z**

Hyd. lab. data: \_\_\_\_\_

Qual. water data; type: **C**

Freq. sampling: \_\_\_\_\_ Pumpage inventory: no, period: \_\_\_\_\_

Aperture cards: \_\_\_\_\_

Log data: **E logs 8' - 1572' / 7' - 795'** **D E**

**WELL-DESCRIPTION CARD**

**SAME AS ON MASTER CARD** Depth well: **1465** ft Meas. rept accuracy **3**

Depth cased: (first perf.) **1405** ft Casing type: \_\_\_\_\_; Diam. **8x4** in **8**

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) perf., (K) screen, (L) sd. pt., (M) shored, (N) open hole, (O) other **G**

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd rot., (F) jetted, (G) air percuss, (H) reverse, (I) trenching, (J) driven, (K) wash, (L) other **H**

Date Drilled: **5/20/69** **469** Pump intake setting: \_\_\_\_\_ ft **36** **38**

Driller: **RATLIFF**

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 **S** Deep  Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. **20**  Trans. or meter no. \_\_\_\_\_

Descrip. MP **Breathin hole in Sewer 390 seal 2.5** ft above below LSD, Alt. MP **20'**

Alt. LSD: **326** Accuracy: (source) **topo 20'** **5**

Water Level **81.88** ft above below MP; Ft below LSD **98** Accuracy: **4**

Date meas: **3/27/70** **79** Yield: \_\_\_\_\_ gpm **216** Method determined **4**

Drawdown: \_\_\_\_\_ ft **36** Accuracy: **0** Pumping period **1 Day** hrs **1** **68**

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

Sp. Conduct **520** K x 10<sup>6</sup> **4** Temp. **29°C** **29.0** Date sampled **3/27** **370**

Taste, color, etc. **Slight straw color pH 8.2**  
**↳ 25 units**

*Water level data*  
**12/6/88**  
**WL=119.90**  
**5EX**

ROLLA COMPUTATION BRANCH

Well No.

**E40**

Dec 18, 1969

Well No. E40

Latitude-longitude N  
S  
d m s d m s

**HYDROGEOLOGIC CARD**

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

D Drainage Basin: 13T Subbasin: \_\_\_\_\_

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (C) (E) (P) (H) (K) (L) (O) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat \_\_\_\_\_

MAJOR AQUIFER: system \_\_\_\_\_ series TE aquifer, formation, group M.W.

Lithology: \_\_\_\_\_ Origin: 2 Aquifer Thickness: \_\_\_\_\_ ft

Length of well open to: 60 ft Depth to top of: 441 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: \_\_\_\_\_

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

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

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

Coefficient Trans: 343 gpd/ft<sup>2</sup> Coefficient Storage: \_\_\_\_\_

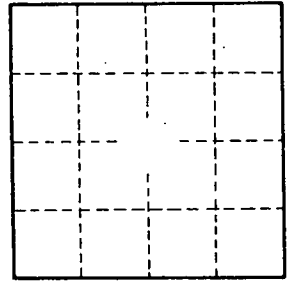
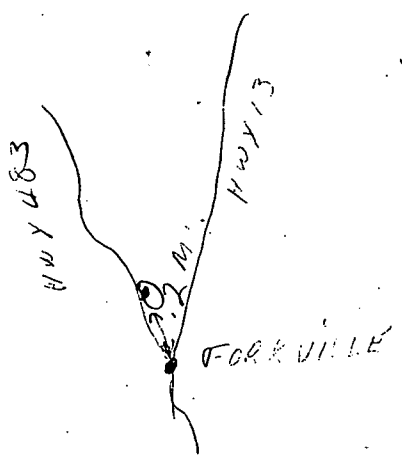
Coefficient Perm: 565 gpd/ft<sup>2</sup>; Spec cap: 6.0 gpm/ft; Number of geologic cards: \_\_\_\_\_

10,000

1400 of 8" 60' 4" gravel screen

3/70 (82) (4)

N  
↑



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

E40

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

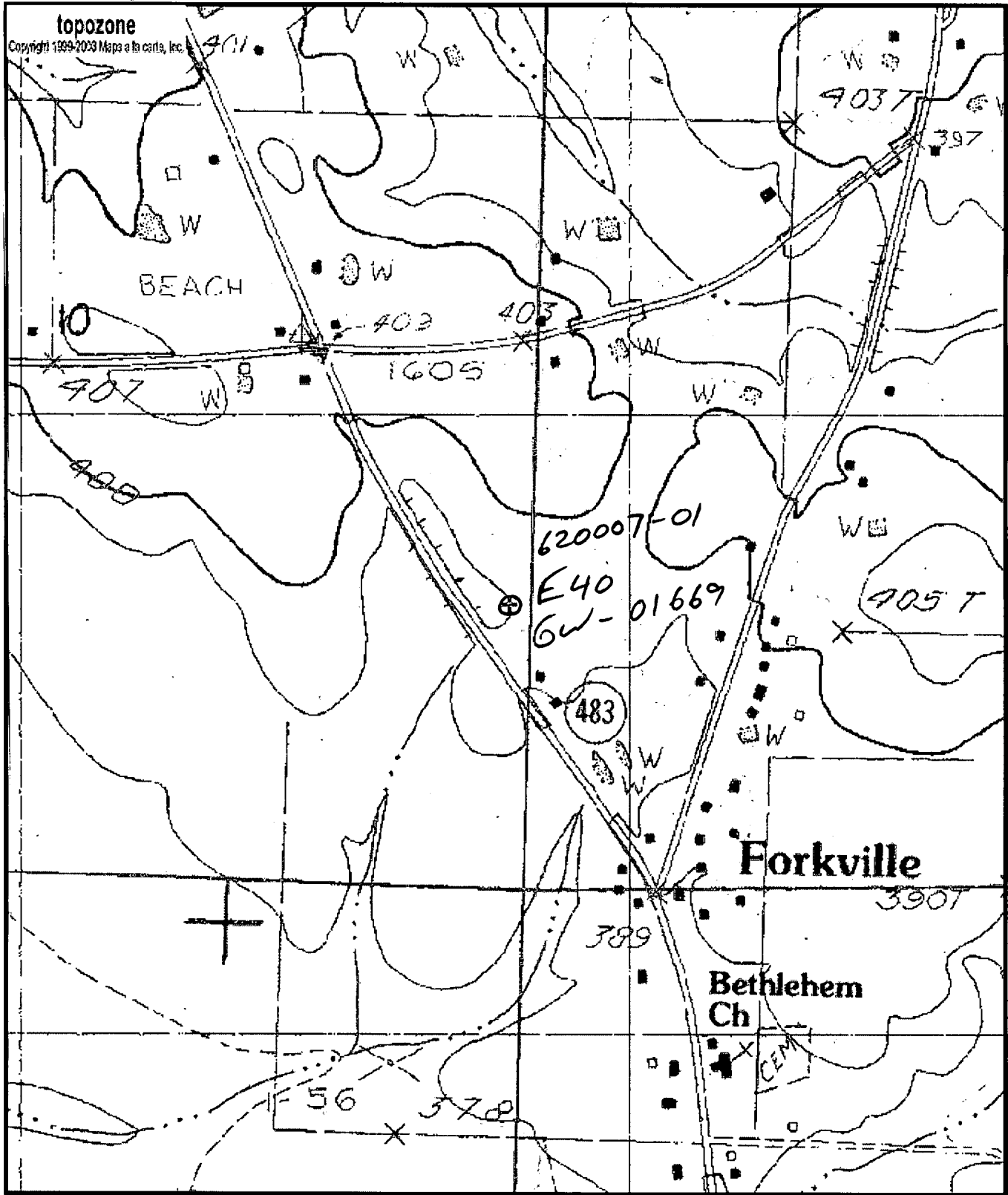
GPS LOG

USER NAME(S): Phillips/Hardin DATE: 4/24/97  
 UNIT DEQ #: \_\_\_\_\_ FILE #: A042415B  
 HEALTH DEPT. #: 620007-01 ELEV. ~~388~~ 390 <sup>620007-01</sup> 7/29/04  
 USGS #: E40 ✓ OLWR #: 6W1669 ✓  
 OWNER: L&F W.A QUAD: Forkville  
 LOCATION: NE/SE S 10 T 7N R 6E COUNTY: Scott  
 LOCATION DESCRIPTION: On Hwy 483 at Forkville, 0.3 mi  
South of McCurdy Rd  
 CASING DIA: 8" PUMP TYPE & SIZE: Submersible  
 GPS FIELD LOCATION: LAT. 32° 27.778'N LONG. 89° 39.737'W  
 GPS CORRECTED LOCATION: LAT. 32.46298530 LONG. 89.66230431  
 REMARKS: Measured 57' WSW of well

Well 620007-01 & 620007-03 in same enclosure, used same GPS file.

9/13/00 WW/CBB (measured at well)  
32.46328 ~~89.66198~~

tagged  
 10/14/04  
 WW  
 32.46308  
 89.66230



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° 27' 48"N, 89° 39' 43"W (WGS84/NAD83)

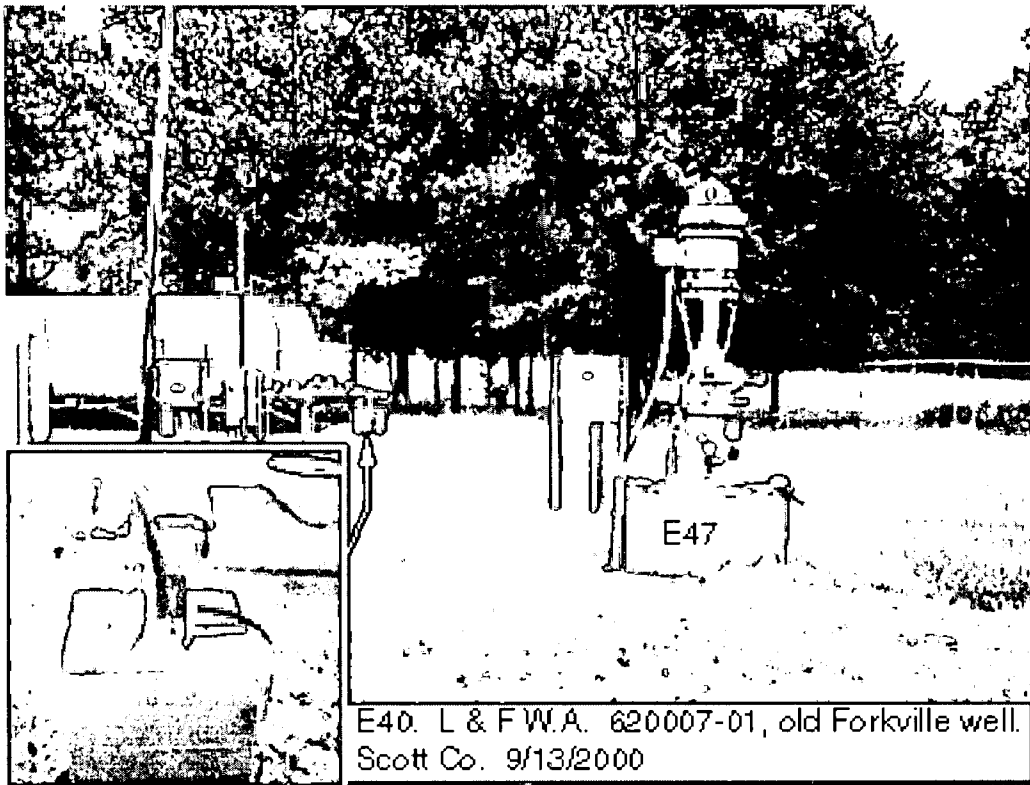
**Forkville** quadrangle

Projection is UTM Zone 16 NAD83 Datum

*ww/cbb*  
*9/13/00*

M=1.008  
G=-1.43





E40. L & F.W.A. 620007-01, old Forkville well.  
Scott Co. 9/13/2000

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

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

**Permit Number:** MS-GW-01669

**Courty:** SCOTT

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

**Aquifer:** MUWX

**USGS No:** EC040

**BOH No:** 0620007-01

**Location:** NE 1/4 of the SE 1/4 of SEC 10 TWN 07N RNG 06E **Lat:** 322748 **Long:** 893943

**Quad:** FORKVILLE

**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:** 170

**Amount Withdrawn Acre feet:** 56.016

**Amount Withdrawn Mgd:** .05

**Use**

RURAL WATER  
ASSOCIATION

**Casing**

**Type:** STEEL

**Diameter:** 8

**Length:** 1400

**Screen**

**Type:** STAINLESS STEEL

**Diameter:** 4

**Length:** 60