

13455

Water Dept
534-1041

Well No.

H 37 MAR 17 1975

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by J.C. E.H.S. Source of data R. Herndon Date 10-16-69 Map

State 28 County (or town) Union 73

Latitude: 34^{deg} 29^{min} 26^{sec} N Longitude: 08^{deg} 25^{min} 62^{sec} W Sequential number: 3

Lat-long accuracy: 2^{min} T 70^{sec} S R 3^{min} W, Sec 12 E, NE, SW

Local well number: H037AC1207503E Other number: B & M

Local use: 021 Owner or name: E. NEW ALBANY WA Address: Other name: East New Albany Water Assoc.

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

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) Reppure, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) 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.

Hyd. lab. data:

Qual. water data; type: USGS 6/69

Freq. sampling: Pumpage inventory: no period:

Aperture cards:

Log data: (Well within 10' of E-109 = 14)

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 1070 ft Meas. rept accuracy 3

Depth cased; (first perf.) Split Screen 753 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) horiz. gallery, (K) open end, (L) perf., (M) screen, (N) sd. pt., (O) shored, (P) open hole, (Q) other G

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

Date Drilled: 969 Pump intake setting: 540 ft 540

Driller: Herndon - Homan address

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple (cent.), (F) multiple (turb.), (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., (I) Trans. or meter no. 40

Descrip. MP 545 ft above LSD, Alt. MP ft below LSD

Alt. LSD: 535 Accuracy: (source) 5

Water Level: above ft below MP; above ft below LSD 285 Accuracy:

Date meas: 869 Yield: 240 gpm 195 Method determined

Drawdown: 198 ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10⁶ Temp. 20 °F Date sampled 669

Taste, color, etc.

City Clerk
534-1041

City of
New Albany

10/12/89
WL=339

10/6/90

WL=340.55

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. H 37

Well No. H 37

Latitude-longitude _____
d m s N S d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: _____

Drainage Basin: D Subbasin: 157

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

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group E2

Lithology: S Origin: 6 Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ 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: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft; Spec cap: _____ gpm/ft; Number of geologic cards: _____

See H34 for loc.

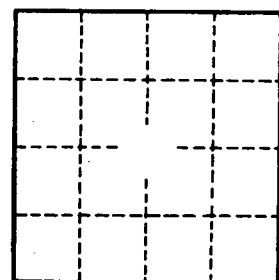
0.50 .025

- 20' of screen
- 40' " screen
- 39' blank
- 10' screen
- 41' blank
- 20' screen
- 84' blank

bottom underside 1080

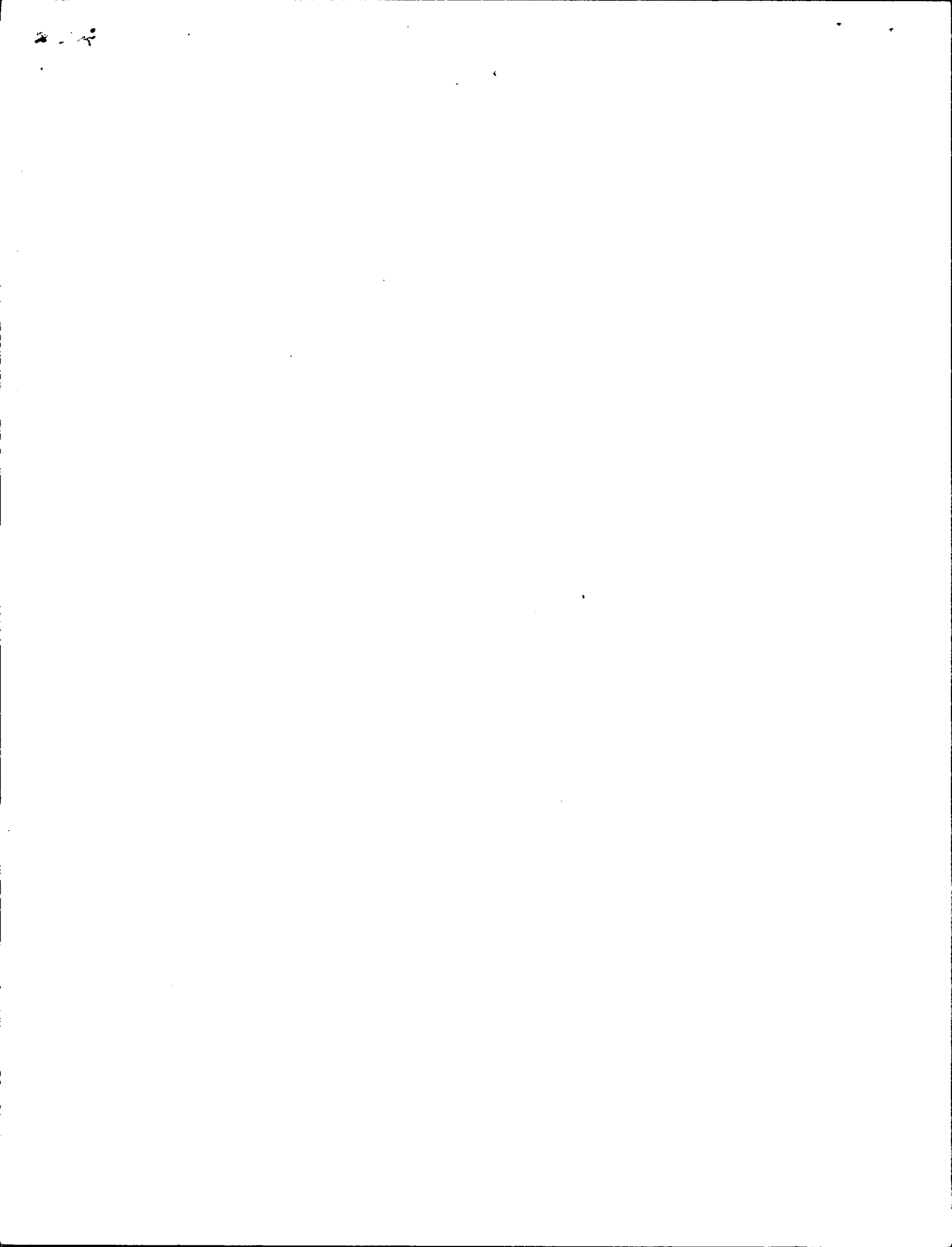
Pumping level 483

add phase current



Well No.

H 37



1990- H37
 370.0
 27.6
 342.40
 1.85 m.p.
 340.55

Well No. H34

REJECTED
 HYDROLOGIC CARD

Latitude-longitude _____

SAME AS ON MASTER CARD

Physiographic Province: _____

Drainage Basin: D Section: 03

Subbasin: 15A

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

MAJOR AQUIFER: _____

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ ft

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: _____

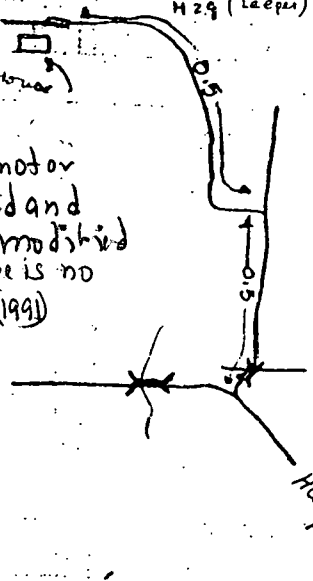
Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____

H37 near here
 H34 water tank
 this well T.H.#1
 H29 (Laepu)



Well had a turbine pump - The motor and pump column has been removed and the turbine pump base has been modified for a submersible pump - There is no way to measure well with tape. PE6 (1991)

New Albany 4 mi ←

Pumping level 4.83'

Well No. _____

74 1/2' of 8"

from bottom up 1070

20' of Screen
 1.97' blank
 40' screen
 39' blank
 10' screen
 40' blank
 20' screen
 84' blank
 top of cap 667

↑
 For H37

Union
H37
8-6-69
U.S.G.S
8-6-69

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

CODED

WATER WELL DRILLERS LOG

date well completed 19 8-6-69 firm name Hendon-Hornum Well & Supply county well located Union

LANDOWNER:	Description of formations encountered	from	to
<u>East New Albany Water Assoc.</u>	<u>Red Clay</u>	<u>0</u>	<u>18</u>
<u>New Albany, Miss</u> (mailing address)	<u>Light Sandy Clay</u>	<u>18</u>	<u>38</u>
WELL LOCATION: sec. <u>12</u> T <u>7</u> S R <u>3</u> E	<u>Blue Clay</u>	<u>38</u>	<u>82</u>
(distance) miles <u>E</u> of <u>New Albany</u> (direction) (nearest town)	<u>Sand</u>	<u>82</u>	<u>120</u>
WELL PURPOSE: <u>Municipal</u> (home, irrigation, municipal, industrial)	<u>Blue Clay (Sandy)</u>	<u>120</u>	<u>128</u>
WELL COMPLETION DATA: (1) diameter (inches) <u>8"</u>	<u>Sand</u>	<u>128</u>	<u>155</u>
(2) total depth (feet) <u>1117</u>	<u>Blue Clay (Sandy)</u>	<u>155</u>	<u>200</u>
(3) static water level (feet) <u>285</u> below top of ground.	<u>Blue Clay (Sandy)</u>	<u>200</u>	<u>340</u>
(4) casing <u>Steel</u> , <u>742'</u> (material) (depth)	<u>Blue Clay (Sandy)</u>	<u>340</u>	<u>380</u>
<u>8"</u> (size) If telescope see back.	<u>Light Sand</u>	<u>380</u>	<u>540</u>
(5) screen <u>90'</u> (length) (depth to top)	<u>Blue Clay</u>	<u>540</u>	<u>618</u>
<u>4"</u> (size), <u>304 Stainless Steel</u> (material)	<u>Sand (Chffee)</u>	<u>618</u>	<u>640</u>
(6) pump <u>40</u> (HP) (yield gpm)	<u>Blue Clay</u>	<u>640</u>	<u>735</u>
<u>Electric</u> (type power)	<u>Light Sand</u>	<u>735</u>	<u>758</u>
(7) electric log <u>yes</u> (yes or no)	<u>Sand (Fair)</u>	<u>758</u>	<u>860</u>
<u>U.S.G.S</u> <u>H34 (test hole)</u> (organization running log)	<u>Quartz</u>	<u>860</u>	<u>918</u>
(8) how well bottom plugged <u>Backwash</u> <u>Blue</u>	<u>Light Sand</u>	<u>918</u>	<u>1044</u>
DRILLERS REMARKS:	<u>Chart</u>	<u>1044</u>	<u>1100</u>
		<u>1100</u>	<u>1117</u>

OCT 8 - 1969

MISS. BD. OF WATER COMMISSIONERS

(X)
If well telescopes please sketch and show depths.

H 2/4

GROUND LEVEL

SECTION 12

Please indicate well location X.

ADDITIONAL INFORMATION

Gravel
wall

Total Depth
1117'

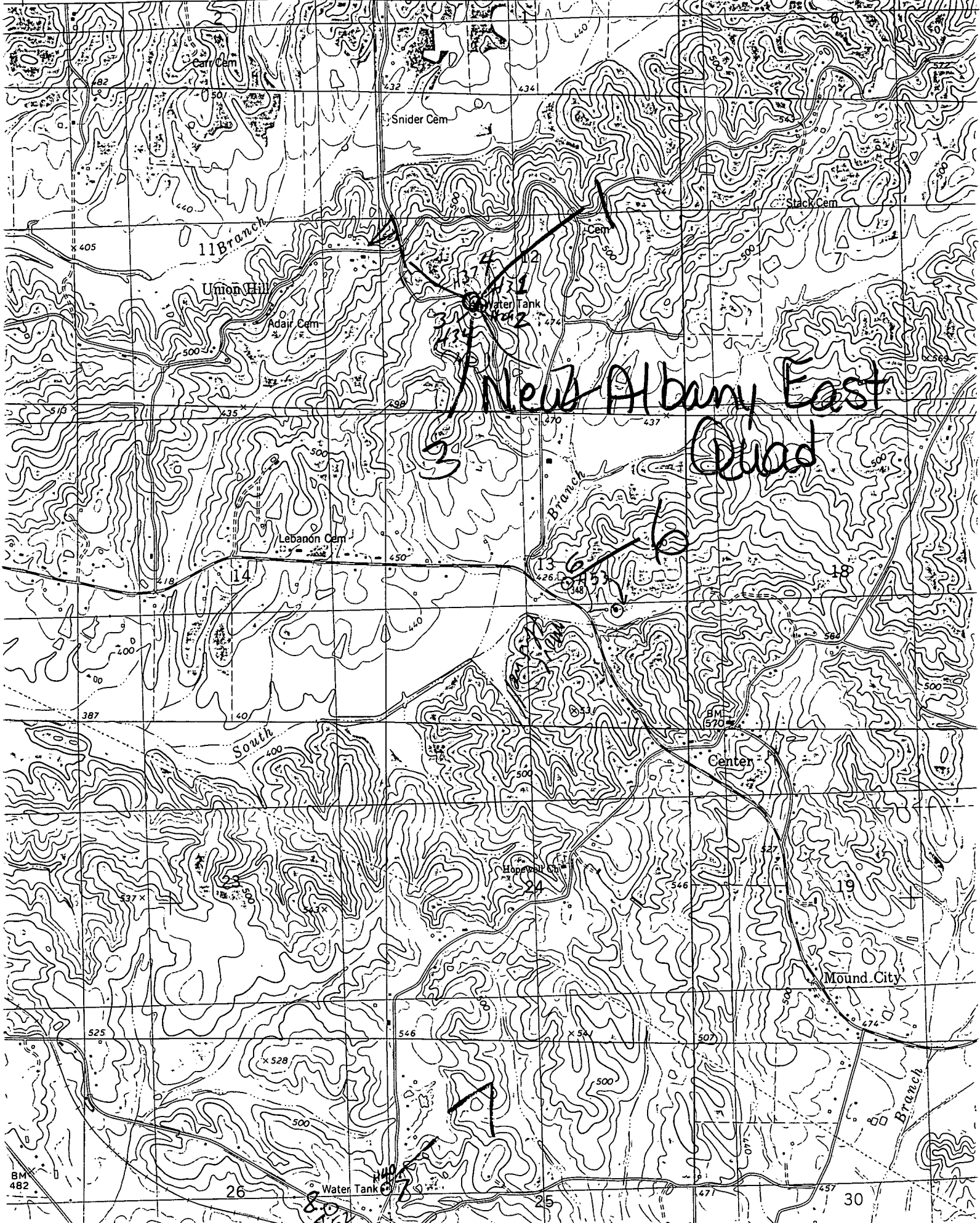
90' screen
4"

If more than one screen,
show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Lisa May DATE: 8-6-97
UNIT DEQ #: 84759 FILE #: A080620A
HEALTH DEPT. #: 7300006-05 ELEV. 544
USGS #: H37 OLWR #: G.W149.65
OWNER: New Albany QUAD: New Albany East
LOCATION: SW NE SW S 12 T 7 S R 3 E COUNTY: Union
LOCATION DESCRIPTION: Take Hwy 30 east out of town. Take a Right
on CR 126. Go to Elm Fork
CASING DIA: _____ PUMP TYPE & SIZE: sub
GPS FIELD LOCATION: LAT. 34-29-09.9 LONG. 88-56-26.6
GPS CORRECTED LOCATION: LAT. 34.486007 LONG. 88.94074294
REMARKS: 20' S of well



New Albany East Quad

11 Branch

Union Hill

Adair Cem

Lebanon Cem

Snider Cem

Stack Cem

Water Tank

Center

Mound City

South

South Branch

Water Tank

BM 482