

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

Record by M. Smith Source of data BCWC Date 7/70 Map Inverness

State 28 County (or town) Humphreys 27

Latitude: 33 15 45 N Longitude: 09 03 52 7 Sequential number: 1

Lat-long accuracy: 3 T. 16 S. R. 4 Sec 3 SW NE SE

Local well number: B021A D0316 N04W Other number: B & M

Local use: 064 Owner or name: ISOLA Address: Isola, Miss.

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

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, (T) Instit, (U) Unused, (V) Recharge, (W) Desal-P S, (X) Desal-other, (Y) Other P

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) Destroyed W

DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72

Hyd. lab. data: 73

Qual. water data; type: USGS 10/72 74 C

Freq. sampling: 75 Pumpage inventory: 76 period: 77

Aperture cards: 78 79

Log data: 80 81

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 828 ft Meas. rept accuracy 3

Depth cased: (first perf.) 778 ft Casing type: 10 in Diam. 10 1/2 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other 5

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

Date Drilled: 963 Pump intake setting: 38 ft

Driller: Layne Central

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 7 Deep 40

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind, (H) H.P. 20 V Trans. or meter no. 41

Descrip. MP 112 ft above LSD, Alt. MP 42

Alt. LSD: 115 Accuracy: (source) Topo 5' contour 47 3

Water Level: ft above MP; ft below LSD 115 Accuracy: 52 D

Date meas: 964 Yield: 260 gpm Method determined 51

Drawdown: ft 62 Accuracy: 63 Pumping period hrs 64 65

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

Sp. Conduct 330 K x 10⁶ Temp. °F 74 75 Date sampled 10-19-72 77 78

Taste, color, etc. pH = 8.4

PUNCHED AND VERIFIED FOLLOWING FEDERAL BUREAU OF

Well No.

B21

Latitude-longitude N
S
d m s d m s

HYDROGEOLOGIC CARD

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

Drainage Basin: E Subbasin: 154

Topo of well site: (D) (C) (E) (F) (R) (K) (L) _____
 (0) (P) (S) (T) (U) (V) _____
 offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series TIE aquifer, formation, group SPRT SIS

Lithology: _____ Origin: 2 Aquifer Thickness: 78 ft

Length of well open to: _____ ft 50 Depth to top of: _____ ft 730

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: 6"

Depth to consolidated rock: _____ ft _____ Source of data: _____

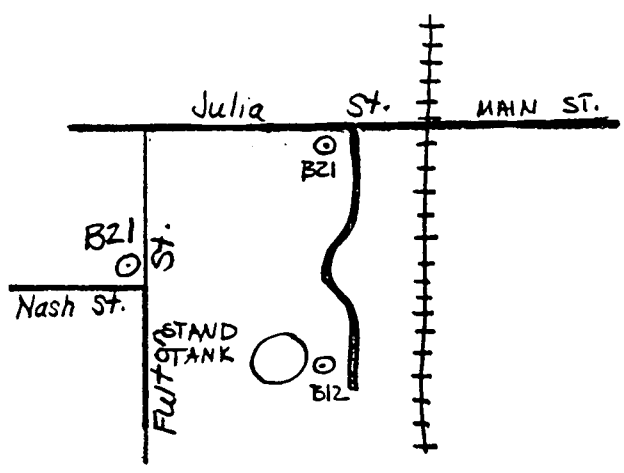
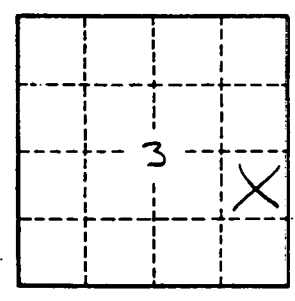
Depth to basement: _____ ft _____ Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft _____ Coefficient Storage: _____

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

Water level, 10-19-72, GJD = 20.12' below NSd



Well No. B21

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAK / CAH DATE: 12/12/98
UNIT DEQ #: 82555 FILE #: C121217A
HEALTH DEPT. #: 270003-01 ELEV. 110
USGS #: _____ OLWR #: _____

OWNER: Town of Isola QUAD: Amverness

LOCATION: NW/SE S 3 T 16N R 4W COUNTY: Humphreys

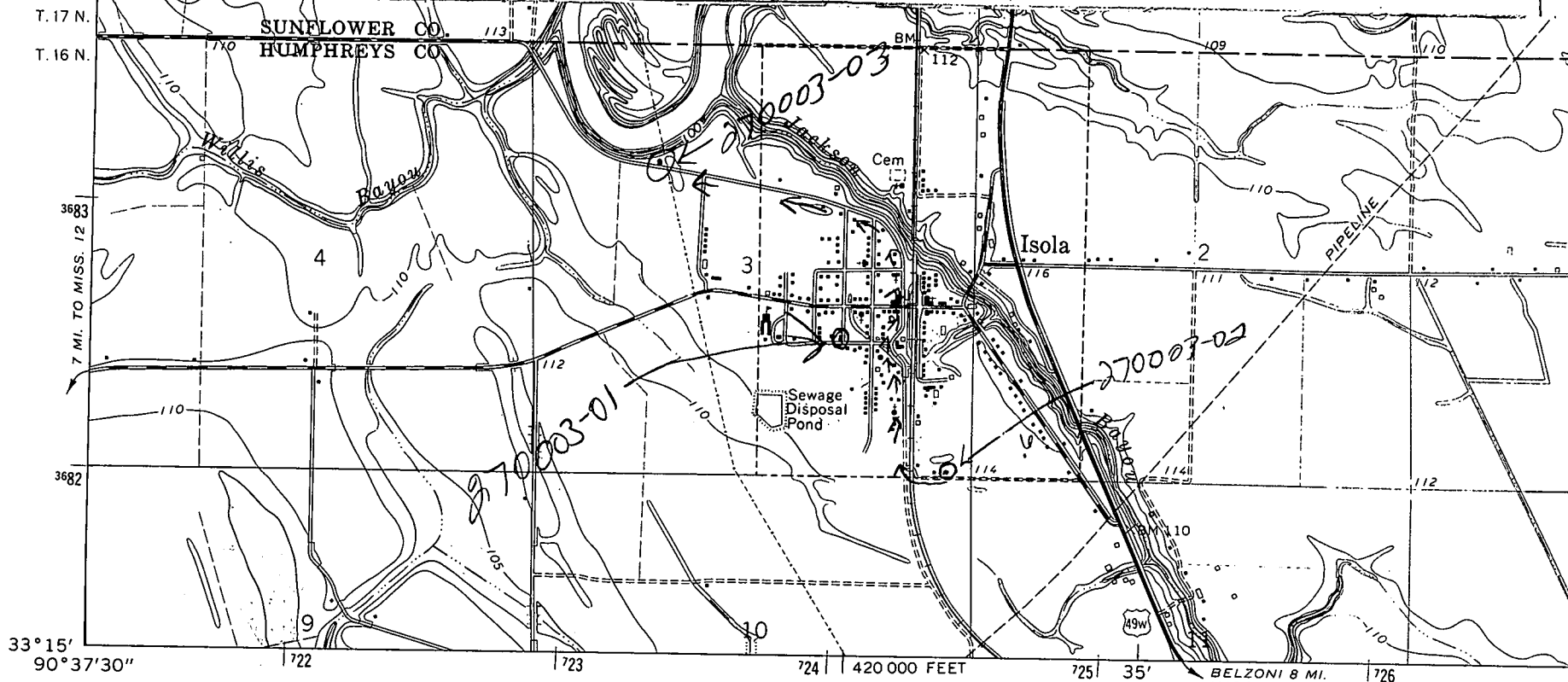
LOCATION DESCRIPTION: IN sm. fence^(NW) corner of S. Fulton
AND Nash.

CASING DIA: 06 PUMP TYPE & SIZE: Tyktive / 20

GPS FIELD LOCATION: LAT. 33° 15.39 N LONG. 90° 35.38 W

GPS CORRECTED LOCATION: LAT. 33.26077358 LONG. 90.59440321

REMARKS: Take road of 49W to the left. go .6 mi. to fork. Take
left ^{on Dulia} .2 mi. take S. Fulton. go 1/2 to intersection
of Nash + S. Fulton. Well on NW corner.



Mapped, edited, and published by the Geological Survey

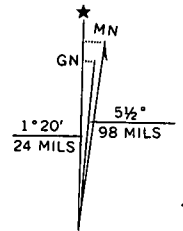
Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1961. Topography by planetable surveys 1965

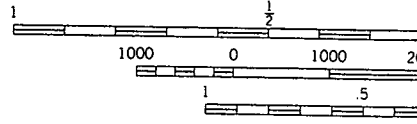
Polyconic projection. 1927 North American datum
 10,000-foot grid based on Mississippi coordinate system, west zone
 1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

(MIDNIGHT NW)
 2850 II NW



UTM GRID AND 1965 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



CONT
 DA1

THIS MAP COMPLIES W
 FOR SALE BY U. S. GEOL
 A FOLDER DESCRIBING TOPOGRAP