

WELL SCHEDULE

Elog # 35

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by WTR Source of data MSG S Date 4/70 Map Midnight NW

State 28 County (or town) Humphreys 27

Latitude: 33<sup>11</sup>31<sup>7</sup>34<sup>4</sup>4<sup>N</sup> Longitude: 09<sup>12</sup>03<sup>15</sup>38<sup>3</sup>35<sup>N</sup> Sequential number: 1

Lat-long accuracy: 2<sup>20</sup> T. 16<sup>0</sup> S. R. 4<sup>0</sup> Sec. 17<sup>18</sup> SWE. SWE. SWE.

Local well number: B039C1716N04W Other well number: B & M

Local use: 064035 Owner or name: Humphreys Co. W.A.

Owner or name: H. W. A. Address: \_\_\_\_\_

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

Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, water: P

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: 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: U.S.G.S. 3-16-71

Freq. sampling:  Pumpage inventory: no, period:

Aperture cards:

Log data: 10' - 980'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 982 ft Meas. rept 977 accuracy 3

Depth cased; (first perf.) 935 ft Casing type: Steel; Diam. 3x6 in 13

Finish: porous concrete, gravel w. (perf.), gravel w. (screen), horiz. gallery, open end, perf., screen, sd. pt., shored, open hole, other S

Method Drilled: air bored, cable, dug, hyd jetted, air rot., reverse percussion, rotary, air reverse, driven, drive wash, other H

Date Drilled: 970 Pump intake setting: 4" penny cement ft 98

Driller: Jayne Central address \_\_\_\_\_

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other T Deep  Shallow

Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 7 1/8  Trans. or meter no. \_\_\_\_\_

Descrip. MP \_\_\_\_\_ ft above below LSD, Alt. MP \_\_\_\_\_

Alt. LSD: 105 Accuracy: T.

Water Level: 12 ft above below MP; Ft below LSD 12 Accuracy: \_\_\_\_\_

Date meas: 370 Yield: @60 gpm 170 Method determined

Drawdown: \_\_\_\_\_ ft Accuracy: \_\_\_\_\_ Pumping period \_\_\_\_\_ hrs \_\_\_\_\_

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

Sp. Conduct \_\_\_\_\_ K x 10<sup>6</sup> 3 Temp. 220 Date sampled 371

Taste, color, etc. \_\_\_\_\_

PUNCHED and VERIFIED  
ROLLA COMPUTATION BRANCH

Well No. B39

HYDROGEOLOGIC CARD

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

**E** Drainage Basin: **15H** Subbasin: \_\_\_\_\_

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

**MAJOR AQUIFER:** system \_\_\_\_\_ series **TE** aquifer, formation, group **124 SWRT** **SS**

Lithology: **45** Origin: **2** Aquifer Thickness: **58** ft

Length of well open to: \_\_\_\_\_ ft **42** Depth to top of: \_\_\_\_\_ ft **92.5**

**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: **4" 58"**

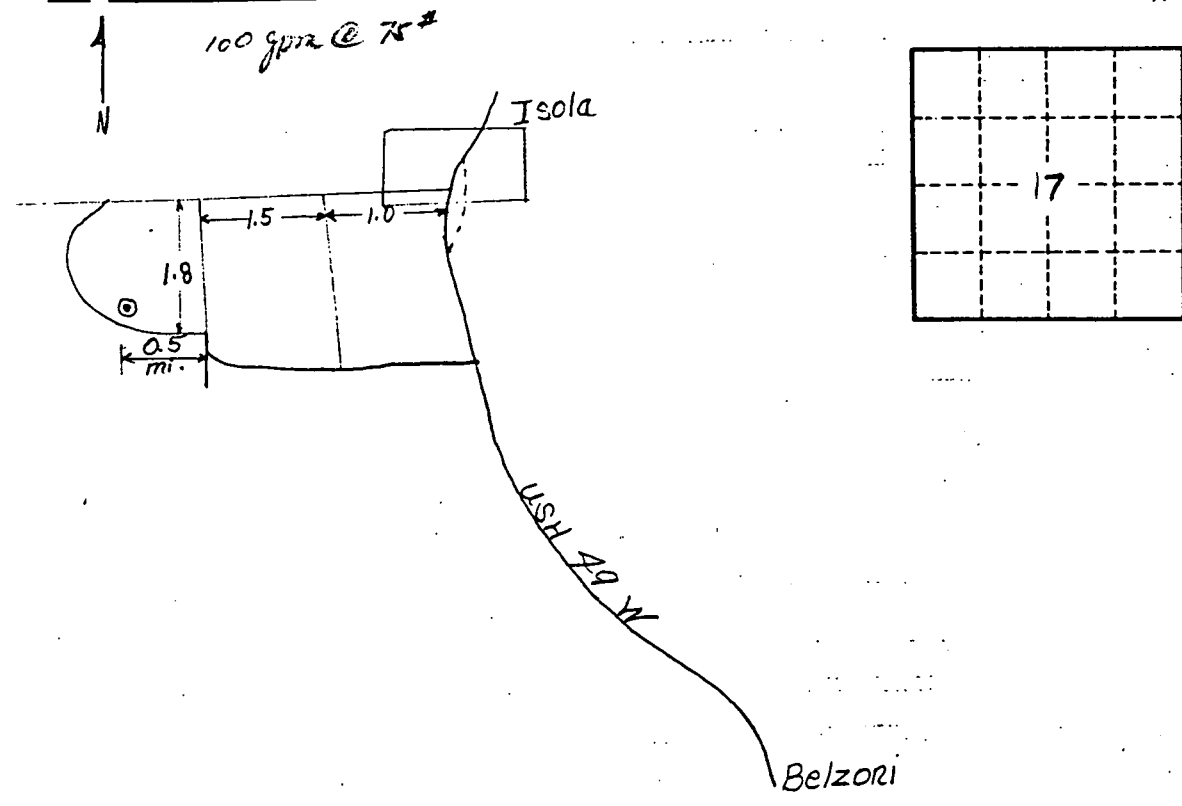
Depth to consolidated rock: \_\_\_\_\_ ft \_\_\_\_\_ Source of data: \_\_\_\_\_

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: \_\_\_\_\_



Well No. **B39**

Humphreys  
B 39  
3-31-70

E 109 # 35

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

CODED

WATER WELL DRILLERS LOG

**CODED**

3-31 1970 Super Central Company Humphreys  
 date well completed firm name county well located

LANDOWNER:  
C and M Water Association  
Belzoni, Miss.  
(mailing address)

WELL LOCATION:  
sec. 17 T. 16 N R. 4 W  
4 miles West of Isola  
(distance) (direction) (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 8"
  - (2) total depth (feet) 982'
  - (3) static water level (feet) 12 below top of ground.
  - (4) casing Steel 108'  
(material) (depth)  
8 if telescope see back.  
(size) and 827' 8 6"
  - (5) screen 41'10" 935'  
(length) (depth to top)  
4" Stainless Steel  
(size) (material)
  - (6) pump \_\_\_\_\_ (HP) \_\_\_\_\_ (yield gpm)  
Electric  
(type power)
  - (7) electric log Yes  
(yes or no)  
Miss. Geo. Survey  
(organization running log)
  - (8) how well bottom plugged \_\_\_\_\_

description of formations encountered	from to	
	feet	feet
<u>Clay</u>	<u>0</u>	<u>15</u>
<u>Sandy Clay</u>	<u>15</u>	<u>20</u>
<u>Coarse Sand &amp; Fine Gravel</u>	<u>20</u>	<u>66</u>
<u>Coarse Sand, gravel and streaks of Clay</u>	<u>66</u>	<u>259</u>
<u>Fine Sand, Shale of Clay</u>	<u>259</u>	<u>417</u>
<u>Shale, streaks of Sand</u>	<u>417</u>	<u>475</u>
<u>Hard Clay</u>	<u>475</u>	<u>505</u>
<u>Sand Shells of Shale</u>	<u>505</u>	<u>630</u>
<u>Hard Shale</u>	<u>630</u>	<u>710</u>
<u>Gummy Shale</u>	<u>710</u>	<u>740</u>
<u>Shale, streaks of Sand</u>	<u>740</u>	<u>750</u>
<u>Hard Gummy Shale</u>	<u>750</u>	<u>920</u>
<u>Sand</u>	<u>920</u>	<u>978</u>

**CODED**

APR 14 1970

MISS. BD. OF  
WATER COMM.

DRILLERS REMARKS:  
Pump not installed as of this date

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

44664

USER NAME(S): LAR DATE: 12/13/94

UNIT DEQ #: 82555 FILE #: C121317C

HEALTH DEPT. #: 270002-01 ELEV. 106

USGS #: \_\_\_\_\_ OLWR #: \_\_\_\_\_

OWNER: Humphreys Co. W.A. #4 QUAD: Midnight NW

LOCATION: SE/SE S 18 T 16N R 4W COUNTY: Humphreys

LOCATION DESCRIPTION: Well on right side of rd. IN fence  
E. of ground tank.

CASING DIA: 6" PUMP TYPE & SIZE: Turbine Electric 1 7/2

GPS FIELD LOCATION: LAT. 33° 13.36 N LONG. 90° 38.31 W

GPS CORRECTED LOCATION: LAT. 33.22741461 LONG. 90.64230318

REMARKS: FROM intersection of 49W + 12W go 7 1/2 west.  
Turn right at bridge go 2.6 miles. Turn right  
go .4 miles. Take paved rd to left. go .5 miles.  
GPS 10yd South of Well.

GPS

MIDNIGHT NW QUADRANGLE  
MISSISSIPPI  
7.5 MINUTE SERIES (TOPOGRAPHIC)  
NW/4 AUTER 15' QUADRANGLE

2850 1 SE  
(INVERNESS)

