

6W-12116

DOI# 27003-03

TRANSMITTED FOR ADP

Coded By 0 1/90
Checked By _____
Entered By _____
Date _____

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 71
County HUMPHREYS
Agency _____

Well No. B196
147D

WELL RECORD

Inverness
Quad

Agency Code U S G S Site Id 1431116102109103162131011 Project No. 54

Station Name 12 B196 ISOLA Latitude 9 31311161021 Longitude 10 019103162131

Lat/Long Ac. 11 SF T M Dist 6=28 State 7=28 County 8=053 Land Net 13 SW N 30 B T 16 N R 04 W

Location Map 14 INVIEWEISIS Altitude 16 112 Met/Meas 17 A L M Accuracy 18 15 Hydrologic Unit 20 618103102107

Agency Use 803 A I O Date Inventoried 711 / / Station Type Y Data Type 804

Instru. 805 Remarks 806 Relia. 3 C L M U 2 W X

Date of Construction 21 09 / 22 / 1989 Well Use 23 6 Water Use 24 P Primary Aquifer 714 124 SPRIT Hole Depth 27 9105

Well Depth 28 8710 Water Level 30 38 Water Level Date 31 10 / 13 / 1989 Method 34 Status 37 Source 33 IN

CONSTRUCTION DATA

Construction Date 60 09 / 22 / 1989 Contractor 63 06 H Method 65 H Finish 66 6
Name Layne

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1	59#1	77 110
76	A	725#2	59#1	77 1158

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1	59#1	83 1020	84 10710	87 16	85 S
82	A	726#2	59#1	83	84	87	85

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 11 Date 38 10 / 13 / 1989 Intake 44 1140

Power 45 E H.P. 46 30 Serial No. 49

MISCELLANEOUS OWNER DATA

Date of Ownership 159 10 / 13 / 1989 Owner Name 161 ISOLA

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 0711 Assigner 191 M I S S I D I S T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 193# / / *	Aquifer Sampled 195# *	Temp 196#00010	Value 197# *
R=192	T=A	738#2	Date of Measurement 193# / / *	Aquifer Sampled 195# *	Sp Cond 196#00095	Value 197# *
R=192	T=A	738#3	Date of Measurement 193# / / *	Aquifer Sampled 195# *	pH 196#00400	Value 197# *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#E *	Beg. Depth 200# 251# *	End Depth 201# 91014# *
R=198	T=A	739#1	Log Type 199#D *	Beg. Depth 200# 101# *	End Depth 201# 9105# *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Beg. Year 115# 9 *	End Year 116# 9 *	Agency Source 120=A 117# *	Freq. 118# *
R=121	T=A	730#2	Beg. Year 115# 9 *	End Year 116# 9 *	Agency Source 117# *	Freq. 118# *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 10 / 13 / 1989 *	Remarks 185# 12116# *
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 10 / 13 / 1989 *	Type 703# PF	Discharge 150# 17521# *	Sp. Capacity 272# 115# *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 8201# *	Depth Bot. 92# 81751# *	Unit Id 93# 12410P12TI *	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# *	103# *
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15.2 gpm/ft @ 24 hrs.

Clay	0	17	Clay	449	463
Sand	17	49	Sand + Clay STREAKS	463	528
Coarse Sand	49	75	Clay	528	550
Coarse Sand + Pea Gravel	75	100	Sand + Clay STREAKS	550	588
GRAVEL	100	153	Sand	588	617
Clay	153	155	Clay	617	820
Sand	155	176	Sand	820	879
Sandy Clay	176	267	Clay	879	905
Sand	267	382			
Clay	382	401			
Sand + Clay STREAKS	401	449			

P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
Humphreys

WELL NUMBER **8196** CODED PERMIT NUMBER **12116**

NAME OF DRILLING FIRM
Layne-Central Co.

DATE WELL COMPLETED
10-13-89

NAME & MAILING ADDRESS OF LANDOWNER
Town of ISOLA
P.O. Box 194
ISOLA, MS 38754

WELL LOCATION: SEC **3** TOWNSHIP **16** RANGE **4** **N** **W**

DISTANCE **1** Miles **NW** of **ISOLA**

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

PUMP DATA

PUMP TYPE (Circle One):
Submersible, Furbine, Jet, Flowing Well,
Other (Describe)

POWER TYPE (Circle One):
Electric, Tractor, Diesel, Gasoline, Butane,
Other (Describe) H/P

Pump Capacity (GPM) **752** No. of Stages **6** Setting Depth **140** FT.

PUMP TEST
Well yielded **752** GPM with
a drawdown of **49' 7"** ft.
after **24** hours of pumping

WELL DATA

Well Depth 875'	Casing Diameter (In.) 16	Casing Length (Ft.) 820
Type of Casing at at	Hole Depth 905'	Depth to Static Water Level 38'

TYPE OF COMPLETION: (Circle One or More):
Gravel Packed, Underreamed, Telescoped,
Natural Development, Open Hole, Other

Top of Lap Pipe or Reduction in Casing
758 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, No Log Run, Gamma Ray, Density, Sonic, Neutron,
Other (Describe)

Name of Organization Running Log
Layne-Central Co.

GEOLOGIC DATA (Office Use Only)

Surface Elevation	Geologic Unit	Unit Thickness	Depth to Top
Subs. SW	Date	Analysis	Aquifer Test

SCREEN DATA

Diameter - Inches 10	Length - Feet 50	Slot Size - Inches .020
Screen Type at steel	Depth to Bottom - Feet 4' 9"	

Driller's Remarks
APR 12 1990

Department of Natural Resources
Bureau of Land & Water Resources

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	6	17	CLAY	449	463
SAND	17	49	SAND + CLAY STREAKS	463	528
COARSE SAND	49	75	CLAY	528	550
COARSE SAND + PEAS GRAVEL	75	100	SAND + CLAY STREAKS	550	588
GRAVEL	100	153	SAND	588	617
CLAY	153	155	CLAY	617	820
SAND	155	176	SAND	820	879
SANDY CLAY	176	267	CLAY	879	905
SAND	267	382			
CLAY	382	401			
SAND + CLAY STREAKS	401	449			

IF MORE SPACE IS NEEDED, USE BACK

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): LAK / CAH DATE: 12/12/94
UNIT DEQ #: 82555 FILE #: C121218A
HEALTH DEPT. #: 270003-03 ELEV. 100
USGS #: _____ OLWR #: _____

OWNER: Town of ISOLA QUAD: Inverness

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

LOCATION DESCRIPTION: Well on right side of rd. in lg. Parcel
AREA.

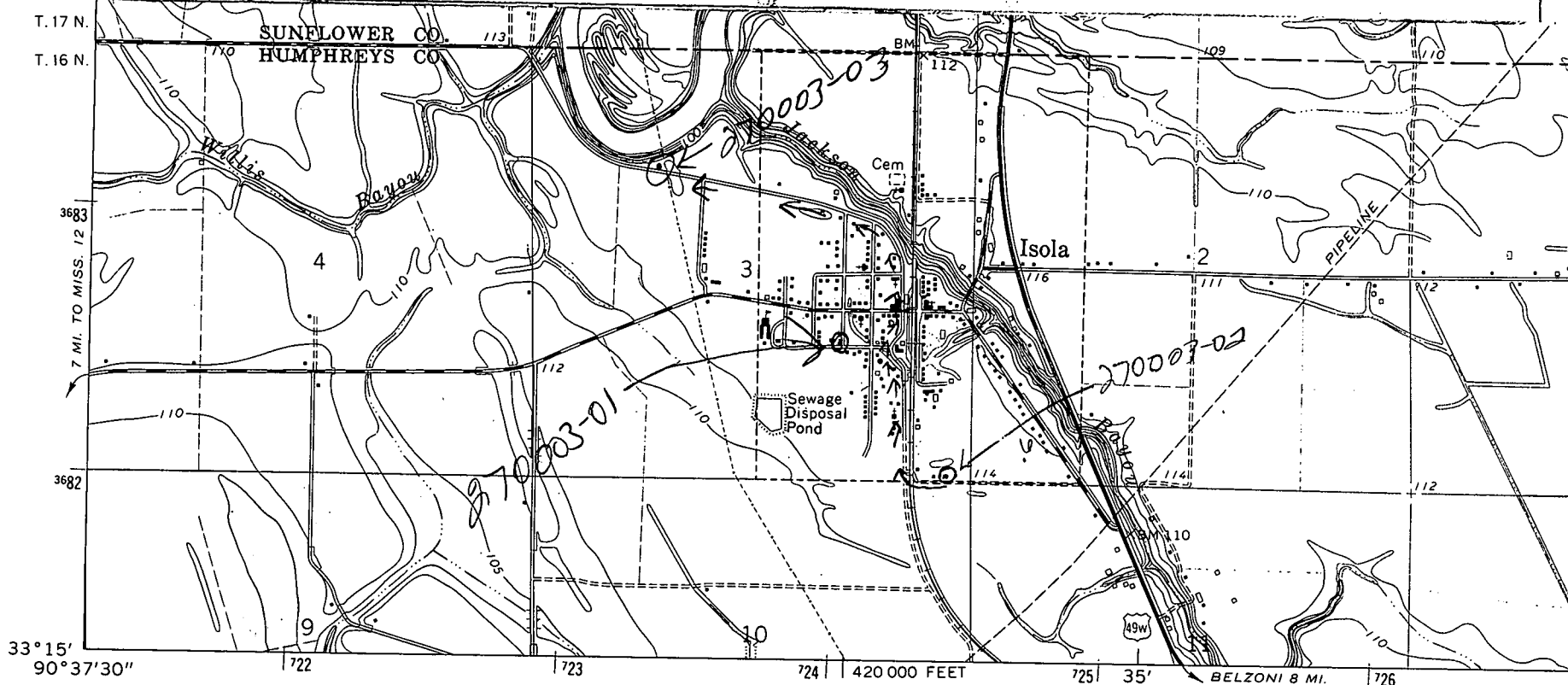
CASING DIA: 16 PUMP TYPE & SIZE: (with diesel back-up) 1/2 hp / 40

GPS FIELD LOCATION: LAT. 33° 16.01 N LONG. 90° 36.12 W

GPS CORRECTED LOCATION: LAT. 33.26675520N LONG. 90.60307623

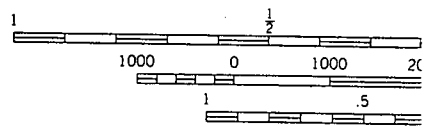
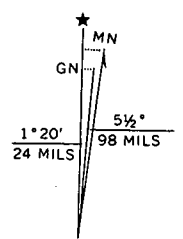
REMARKS: Follow Edna street 1.45 miles from inter
section of W. Edna + South Street.

SEE Well #2



(MIDNIGHT NW)
2850 II NW

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



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