

GW-14663

004 # 270019-01

Swiftown Quad

Coded By 01/92
Checked By 02/12/94
Entered By KST
Date 12/94

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 74
County HUMPHREYS
Agency

Well No. C141

WELL RECORD

Well # 3
Test Hole #1
Jaketown Sit

Agency Code: U I S G I S Site Id: 133114580A10218481011 Project No.: 5

Station Name: 12-C141 HUMPHREYS CO WA IA Latitude: 9-3311458 Longitude: 10-0910218481

Lat/Long Ac.: 11-SPTM Dist: 6-28 State: 7-28 County: 8-0531 NW Land Net: 13-SWINELSIITIK6NR103W

Location Map: 14-BIALZOWIE Altitude: 16-1115 Met/Meas: 17-A L M Accuracy: 18-151 Hydrologic Unit: 20-1010131021017

68A

Agency Use: 803-A I O Date Inventoried: 711 Station Type: J Y Data Type: 804

Instru.: 805 Remarks: Relia.: 3 C L M U 2-H X

Date of Construction: 21-08/11/1991 Well Use: 23-W Water Use: 24-P Primary Aquifer: 714-124 SPRTI Hole Depth: 27-181616

Well Depth: 28-18410 Water Level: 30-301.5 Water Level Date: 31-09/11/1991 Method: 34- Status: 37- Source: 33-D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date: 60-09/11/1991 Contractor: 63-0104 Name: Lane Method: 65-H Finish: 66-G

CONSTRUCTION CASING DATA

Top/Casing	Bot/Casing	Diameter
R=76 T=A 725#1 59#1 77-1101	78-1798	79-121
R=76 T=A 725#2 59#1 77-1748	78-181001	79-181

CONSTRUCTION OPENINGS DATA

Top/Depth	Bot/Depth	Diameter	Type	Length	Width
R=82 T=A 726#1 59#1 83-800	84-840	87-181	85-S	89-111	88-19201
R=82 T=A 726#2 59#1 83-1111	84-1111	87-111	85-S	89-111	88-111

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type: 43-11 Date: 38-09/11/1991 Intake: 44-11301

Power: 45-E H.P.: 46-201 Serial No.: 49-1111111111

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 159-09/11/1991 Owner Name: 161-HUMPHREYS CO WA IA

MISCELLANEOUS OTHER ID DATA

R=195 T=A 736#1 E-Log No.: 190-0741 Assigner: 191-M I S S I O I S T I

#3 AT JAKETOWN

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 / / .	Aquifer Sampled 1954 .	Temp 196#00010	Value 1974 .
R=192	T=A	738#2	Date of Measurement 1934 / / .	Aquifer Sampled 1954 .	So Cond 196#00095	Value 1974 .
R=192	T=A	738#3	Date of Measurement 1934 / / .	Aquifer Sampled 1954 .	pH 196#00400	Value 1974 .

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 1994 E	Beg. Depth 200# 1140 .	End Depth 201# 866 .
R=198	T=A	739#1	Log Type 1994 D	Beg. Depth 200# 0 .	End Depth 201# 866 .

MISCELLANEOUS NETWORK DATA 706 = QW WL WD *

R=114	T=A	730#1	Beg. Year 1154 9 .	End Year 1164 9 .	Agency Source 120=A 117# .	Freq. 118# .
R=121	T=A	730#2	Beg. Year 1154 9 .	End Year 1164 9 .	Agency Source 117# .	Freq. 118# .

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184# 09 / 119 / 1199 .	Remarks 185# 14663
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 09 / 1101 / 1199 .	Type 703# P	Discharge 150# 3010 .	Sp. Capacity 272# .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Death Top 91# 720 .	Death Bot. 92# 840 .	Unit Id 93# 1245PRT	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100# .	103# .
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dd 20' @ 3099pm
(24hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	15	SAND & SANDY CLAY	522	530
SAND	15	65	SAND	530	614
COARSE SAND	65	98	CLAY	614	717
COARSE SAND & GRAVEL	98	121	SAND & CLAY STREAKS	717	780
CLAY	121	204	SAND	780	862
SAND	204	285	CLAY	862	868
SAND W/STREAKS OF CLAY	285	330			
CLAY	330	345			
SANDY CLAY	345	468			
SAND & CLAY STREAKS	468	485			
SAND	485	522			

966 7 8 831

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Land and Water Resources

P. O. Box 10631

Jackson, MS 39289-0631

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED
HUMPHREYS

WELL NUMBER **C141** CODE

DATE WELL COMPLETED
9/10/91

PERMIT NUMBER
14663

NAME OF DRILLING FIRM
LAYNE-CENTRAL

CLEVELAND, MS

NAME & MAILING ADDRESS OF LANDOWNER
HUMPHREYS COUNTY WATER ASSN.

BELZONI, MS

WELL LOCATION SEC **11** TOWNSHIP **16** RANGE **3**
N S E W

DISTANCE _____ MILES DIRECTION **AT JAKETOWN** NEAREST TOWN

OTHER LANDMARK
JAKETOWN SITE ON HWY. 7

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

PUMP DATA

PUMP TYPE (Circle One):
Submersible, **Turbine**, Jet, Flowing Well,
Other (Describe) _____

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

Pump Capacity (GPM) **300** No. of Stages **5** Setting Depth **130** FT.

PUMP TEST
Well yielded **309** GPM with
a drawdown of **20** ft.
after **24** hours of pumping

WELL DATA

Well Depth 844' 6"	Casing Diameter (In.) 8"	Casing Length (Ft.) 51'
Type of Casing S.S.	Hole Depth 868'	Depth to Static Water Level 30' 5"

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

WELL GROUTED TO A DEPTH OF **798 FEET**
Type Grout (circle one): **Cement**, Bentonite, or Mix

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

SCREEN DATA

Diameter - Inches 8"	Length - Feet 40' 4"	Slot Size - Inches .020
Screen Type STAINLESS STEEL	Depth to Bottom - Feet 840'	

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

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

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
CLAY	0	15	SAND & SANDY CLAY	522	530
SAND	15	65	SAND	530	614
COARSE SAND	65	98	CLAY	614	717
COARSE SAND & GRAVEL	98	121	SAND & CLAY STREAKS	717	780
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CLAY	330	345			
SANDY CLAY	345	468			
SAND & CLAY STREAKS	468	485			
SAND	485	522			

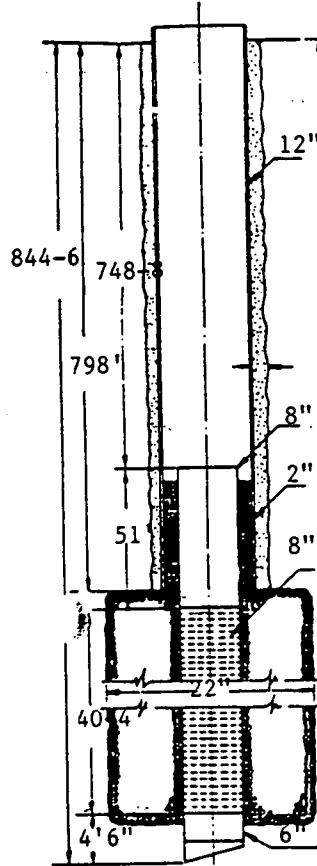
IF MORE SPACE IS NEEDED, USE BACK

FEB 27 1992

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

FEB 5 1982

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

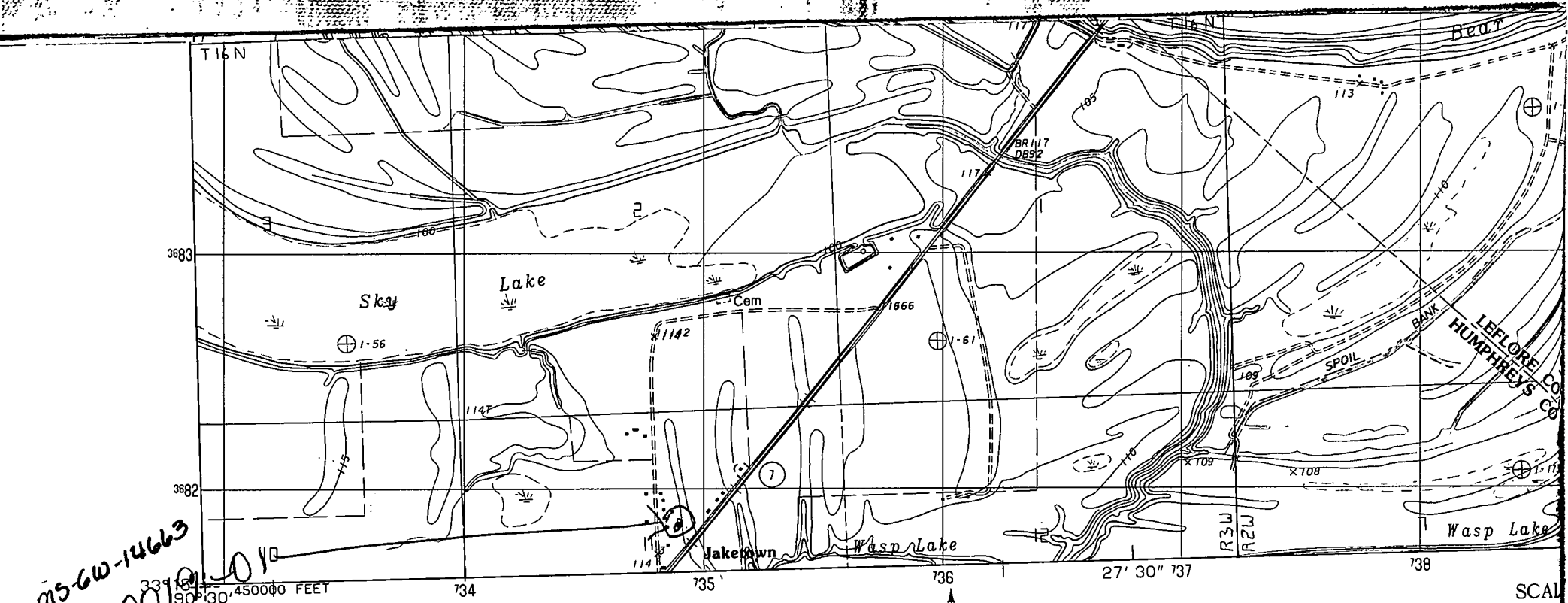
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RESIDENTIAL

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

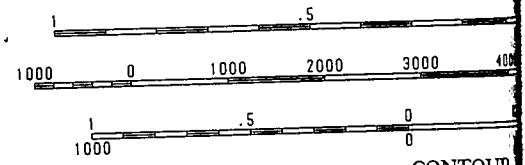
USER NAME(S): LAR / CAH DATE: 12/13/94
UNIT DEQ #: 82555 FILE #: C121318A
HEALTH DEPT. #: 270019-01 ELEV. 110
USGS #: C-141 OLWR #: MS-GW-14663
OWNER: Humphreys Co. W.A. #3 QUAD: Swifttown
LOCATION: SW/NE S 11 T 16N R 3W COUNTY: Humphreys
LOCATION DESCRIPTION: Well in fenced area on left hand
side of Hwy 7. miles N. of Belton
CASING DIA: 8" PUMP TYPE & SIZE: Turbine elect. / 20
GPS FIELD LOCATION: LAT. 33° 15.08 N LONG. 90° 28.40 W
GPS CORRECTED LOCATION: LAT. 33.25215006 LONG. 90.47767767
REMARKS: 4.7^{NE} miles from intersection of Hwy 7 &
Hwy 12W



75-60-14663
270010

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
 CONTROL BY USGS AND NOS/NOAA
 COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1980
 FIELD CHECKED 1982. MAP EDITED 1983
 PROJECTION TRANSVERSE MERCATOR
 GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 15
 10,000-FOOT STATE GRID TICKS MISSISSIPPI WEST ZONE
 UTM GRID DECLINATION 1°24' EAST
 1983 MAGNETIC NORTH DECLINATION 3°30' EAST
 VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929
 HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM
 To place on the predicted North American Datum of 1983,
 move the projection lines as shown by dashed corner ticks
 (11 meters south and 9 meters east)
 There may be private inholdings within the boundaries of any
 Federal and State Reservations shown on this map
 No distinction made between houses, barns, and other buildings

PROVISIONAL MAP
 Produced from original
 manuscript drawings. Informa-
 tion shown as of date of
 photography. 1



CONTOUR
 CONTROL ELEVATIONS
 OTHER ELEVATIONS
 To convert feet
 To convert meters

THIS MAP COMPLIES WITH N
 FOR SALE BY U.S. GEOLOGIC