

No driller's log!

Coded By 04/188 7/90  
Checked By 10016-17-91  
Entered By LTB  
Date 06-13-91

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 49  
County DE SOTO  
Agency

Well No. C17

Pleasant Hill  
Quad

WELL RECORD

Agency Code U S I G I S	Site Id 13458103108953591011	Project No. 54
Station Name 12 COIT PLEASANT HILL WA	Latitude 9 34581031	Longitude 10 018953591
Lat/Long Ac. 11 S F I M	Dist 6=28	State 7=28
County 8 033	Land Net 13 SW/NW/SE/NE	Hydrologic Unit 20= 081031021014
Location Map 14= PLEASANT HILL	Altitude 16= 402 OK	Met/Meas 17= A L N
Accuracy 18= 1101	Hydrologic Unit 20= 081031021014	

Agency Use 803= A I G	Date Inventoried 711= / /	Station Type J	Data Type 804=
Instru. 805=	Remarks 806=	Relia. 3= C L M U	2= W X

Date of Construction 21= 03/11/1982	Well Use 23= W	Water Use 24= P	Primary Aquifer 714= 124SPRTI	Hole Depth 27= 319
Well Depth 28= 291	Water Level 30= 185	Water Level Date 31= 05/01/1988	Method 34=	Status 37=
Source 33= D				

CONSTRUCTION DATA

Construction Date 60= 05/10/1988	Contractor 63= 4181	Name Wilson	Method 65= H	Finish 66= G
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CONSTRUCTION CASING DATA

Top/Casing 77= 10	Bot/Casing 78= 228	Diameter 79= 121
Top/Casing 77= 10	Bot/Casing 78= 251	Diameter 79= 181

CONSTRUCTION OPENINGS DATA

Top/Depth 83= 251	Bot/Depth 84= 291	Diameter 87= 181	Type 85= S	Length 89=	Width 88= 0210
Top/Depth 83=	Bot/Depth 84=	Diameter 87=	Type 85=	Length 89=	Width 88=

CONSTRUCTION LIFT DATA

Lift Type 43= S	Date 38= 05/01/1988	Intake 44= 2421
Power 45= E	H.P. 46= 50	Serial No. 49=

MISCELLANEOUS OWNER DATA

Date of Ownership 159= 05/10/1988	Owner Name 161= PLEASANT HILL WA
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MISCELLANEOUS OTHER ID DATA

E-Log No. 190= 049	Assigner 191= M I S S I D I S T
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MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	1934       /       /         .	Aquifer Sampled	1954                   .	Temp	196#00010	Value	197#           .
R=192	T=A	738#2	Date of Measurement	1934       /       /         .	Aquifer Sampled	1954                   .	Sp Cond	196#00095	Value	197#           .
R=192	T=A	738#3	Date of Measurement	1934   12   / 12   01   / 11   9   8   8   .	Aquifer Sampled	1954   42   4   S   P   R   T     .	pH	196#00400	Value	197# 6   12   .

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199# E   .	Beg. Depth	200#       17   .	End Depth	201#   31   9   .
R=198	T=A	739#1	Log Type	199#   .	Beg. Depth	200#           .	End Depth	201#           .

MISCELLANEOUS NETWORK DATA  $706 = QW - WL - WD$  \*

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#       /       /         .	Remarks	185#           .
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 05   / 10   11   / 11   9   8   8   .	Type	703# P	Discharge	150# 150   0     .	So. Capacity	272#           .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91#   12   3   5   .	Depth Bot.	92#   12   9   5   .	Unit Id	93#   12   4   S   P   R   T     .	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100#                 .	103#     .
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(Well #1 e new plant)

**APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW  
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI**

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES  
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 1-23-96 AGN. FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>6-23-87</u>	Expires: <u>3-25-2006</u>	Fee Paid:	Permit No.
Lat. <u>34-58-19</u>	Long. <u>89-54-01</u>	Elev. <u>405</u>	USGS No.
Quad <u>Pleasant Hill</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>SPR1</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): RENEWAL - PERMIT NO. MSGW - 7638

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E  
SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): (1) Public Supply - Municipal, Rural Water, or Private Water, Irrigation  
3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino, Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: \_\_\_\_\_

**RECEIVED**  
1995  
Dept. of Environmental Quality  
Office of Land & Water Resources

**SECTION A** (to be completed by ALL APPLICANTS)

LANDOWNER: Pleasant Hill Water Association, Inc. 62-0753353  
(Name) (SSN or Tax ID No.)  
P.O. Box 624  
(Address)  
Olive Branch, MS 38654 (601) 895-6560  
(City) (State & Zip) (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner):

(Name) \_\_\_\_\_ (SSN or Tax ID No.) \_\_\_\_\_  
(Address) \_\_\_\_\_  
(City) \_\_\_\_\_ (State & Zip) \_\_\_\_\_ (Telephone) \_\_\_\_\_

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):

SW 1/4 of the NW 1/4 of Section 25, Township 1 South, Range 7 West, County DeSoto

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number. MSGW 02185 - 200 GPM Well;  
MSGW 02186 - 200 GPM Well

**SECTION B** (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: Sparta MISSISSIPPI DEPARTMENT OF HEALTH NO.: \_\_\_\_\_

2. Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.  
If well has already been drilled, when was well completed (date)? August, 19 87. Under whose name was well originally drilled (if known)? \_\_\_\_\_

3. Description of proposed or completed well:  
(a) DEPTH OF WELL: 300 feet. DRILLER: \_\_\_\_\_  
(b) SURFACE CASING: Length 260 feet; Diameter 14 inches; Type Steel  
(c) SCREEN: Length 40 feet; Diameter 10 inches; Type Stainless Steel  
(d) PUMP: Type Turbine; Size \_\_\_\_\_; Capacity 500 gallons per minute; Setting depth 260 feet  
(e) POWER UNIT: Type Electric Motor; Size \_\_\_\_\_ horsepower

4. PERMITTED VOLUME:  
(a) \_\_\_\_\_ gallons per year at a maximum rate of \_\_\_\_\_ gallons per minute  
(b) 0.25 million gallons per day at a maximum rate of 500 gallons per minute

160  
0-5  
**(CONTINUED ON BACK)** 500

**SECTION C** (to be completed for SURFACE WATER SOURCE)

1. Source of water is from \_\_\_\_\_ which drains into \_\_\_\_\_  
which drains into \_\_\_\_\_  
(major stream or river)

2. Description of pump/diversion works:

Pump (size & type): \_\_\_\_\_ Power Unit (size & type): \_\_\_\_\_

Lift: \_\_\_\_\_ feet Maximum capacity: \_\_\_\_\_ gallons per minute

3. \_\_\_\_\_ acre-feet per year at a maximum rate of \_\_\_\_\_ gallons per minute

**SECTION D** (to be completed for SURFACE WATER IMPOUNDMENTS (DAMS) on continuously flowing streams)

1. Name of storage reservoir: \_\_\_\_\_ Dam Height: \_\_\_\_\_ feet

2. Surface area at normal pool: \_\_\_\_\_ Storage capacity at normal pool: \_\_\_\_\_ acre-feet

**SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)**

1. IRRIGATION: List the number of acres of each crop to be irrigated: Rice \_\_\_\_\_; Cotton \_\_\_\_\_; Oats \_\_\_\_\_;  
Corn \_\_\_\_\_; Soybeans \_\_\_\_\_; Pasture \_\_\_\_\_; Truck \_\_\_\_\_; Wheat \_\_\_\_\_; Grain Sorghum \_\_\_\_\_;  
Other (specify) \_\_\_\_\_ Acres \_\_\_\_\_

A. Method of Irrigation (circle one) - Center Pivot Flood Furrow

B. Land Condition (circle one) - Precision Land Formed Smoothed

C. ASCS Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_

2. FISH CULTURE: Explain how water will be used: \_\_\_\_\_

How often will reservoir (s) be emptied and refilled? \_\_\_\_\_

3. MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM

Chose "a" or "b". (a) The number of people served is \_\_\_\_\_ or (b) The number of connections is 1300

What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?  
0.52 MG 2001 ; 0.78 MG 2006 ; 1.17 MG 2011 ; 1.76 MG 2016  
(Volume) (Year) (Volume) (Year) (Volume) (Year) (Volume) (Year)

4. INDUSTRIAL: If the water is to be released into a watercourse, indicate the amount released each year \_\_\_\_\_;

Rate of release \_\_\_\_\_; NPDES Permit No. \_\_\_\_\_

Explain any changes in quality of water to be released: \_\_\_\_\_

Explain how water will be used: \_\_\_\_\_

How much groundwater will be used for once-through non-contact cooling? \_\_\_\_\_

5. RECREATION: Explain how water will be used: \_\_\_\_\_

6. OTHER USE: Explain in detail (if needed, attach another page): \_\_\_\_\_

7. REMARKS: \_\_\_\_\_

List below the person to be contacted for additional information if required.

David G. Daniels, P.E.

(Name)

P.O. Box 308

(Address)

Oxford, MS 38655

(City, State, Zip)

(601) 234-1763

(Telephone)

The accompanying map is hereby declared a part of this application.  
For irrigation and fish culture use, an ASCS photograph is required.  
The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

David G. Daniels

(Signature)

Subscribed and sworn to before me this 22<sup>nd</sup> day of May, 1996, at Oxford County of Leflore

My commission expires Jan. 11, 1997; Sandra F. Riggs Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

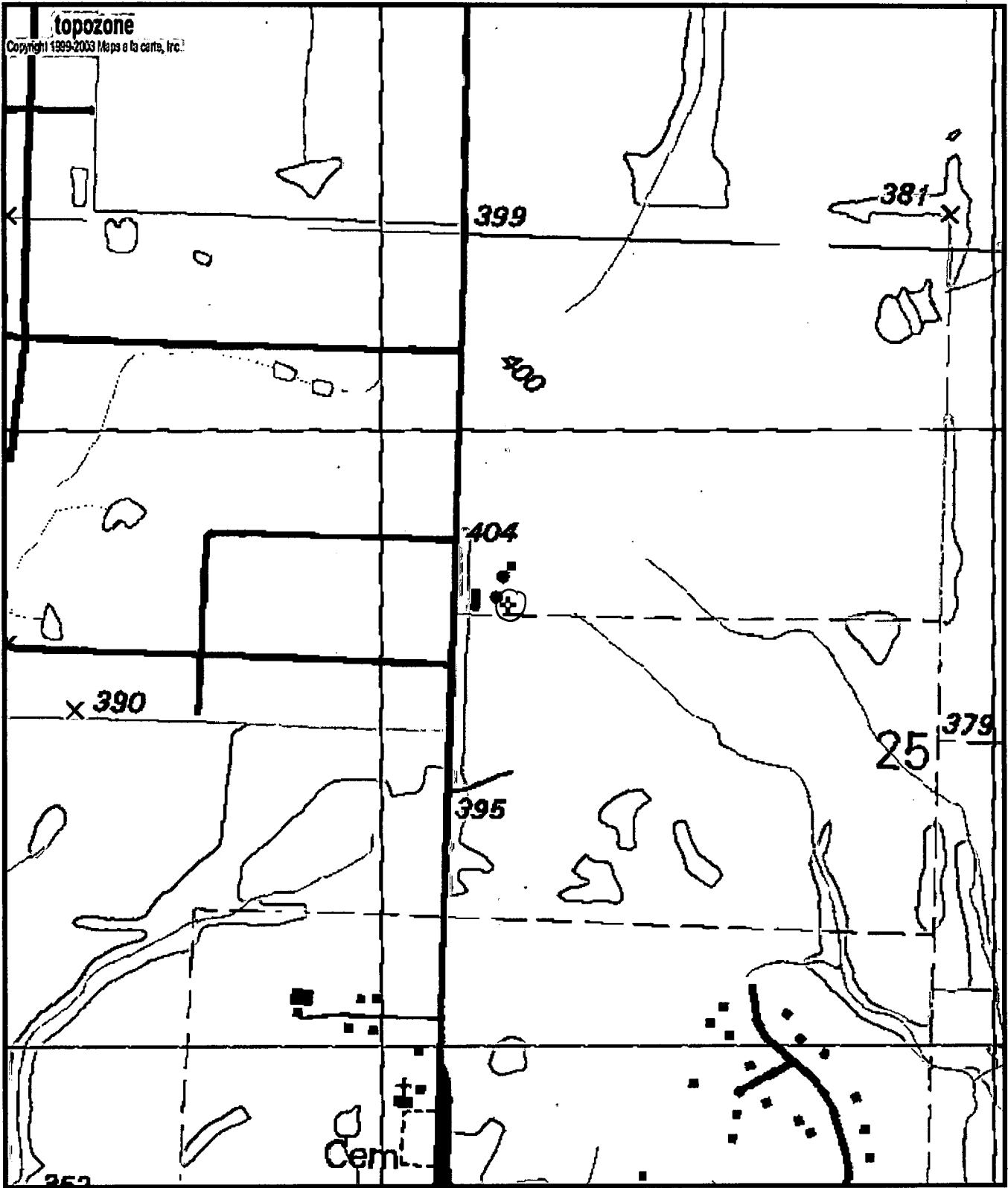
GPS LOG

SHB + PEG  
USER NAME(S): LIAK / DUB DATE: 7-24-96  
7/27/94  
UNIT DEQ #: 84050 FILE #: 80727190  
8072418A  
HEALTH DEPT. #: 170016-03 ELEV. 395  
USGS #: C7 OLWR #: MS6W-07638  
OWNER: Pleasant Hill Water Dist.  
LOCATION: NW/NE/SW S 25 T 15 R 7W COUNTY: De Soto  
Pleasant Hill Quad.  
LOCATION DESCRIPTION: \_\_\_\_\_

CASING DIA: 8" PUMP TYPE & SIZE: Sub. 1  
GPS FIELD LOCATION: LAT. 34° 58' 28.7" N LONG. 89° 54' 01.9" W  
34° 58' 17.4" 89° 54' 00.3"  
GPS CORRECTED LOCATION: LAT. 34.97153127 LONG. 89.90040415

REMARKS: 2.4 miles from Interstate 78, go West one  
way 302. Turn on Pleasant Hill Road 1.5 mile N of Goodman  
fire station, E side of rd. well is E. side  
of plot.





0170016-03  
6W07638  
C17

0 0.1 0.2 0.3 0.4 0.5 km  
0 0.09 0.18 0.27 0.36 0.45 mi

Map center is 34° 58' 17"N, 89° 54' 01"W (WGS84/NAD83)  
**Pleasant Hill** quadrangle  
Projection is UTM Zone 16 NAD83 Datum

M=-0.095  
G=-1.664