

1/81 WTO

Recorded by J.A.C.
Date 6/3/81

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. G69
E-Log No. _____
County Desoto

Site ID 3 4 5 6 3 1 0 8 9 5 4 1 9 0 1 R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=U* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=033*

Lat. _____ Long. 9=3 4 5 6 3 1* 10=0 8 9 5 4 1 9* Well No. 12=G 0 6 9*

Location 13=SE 1/4 NE 1/4 S 0 2 T 0 2 5 R 0 7 W* Alt. 16=340* 365

Hyd. Unit (OWDC) 20= _____* Date 21=0 6 1 0 1 1 1 9 7 3*

Well use 23=W* Water use 24=P* Hole depth 27= _____* Well depth 28=3 8 7*

WL 30=1 1 5* Date 31=0 6 1 0 1 1 1 9 7 3* Source 33=D*

Status 273= _____* Project No. 5= _____*

OWNER

R=158* T=A* Date 159#0 6 1 0 1 1 1 9 7 3* Owner No. _____

Owner 161#PLEASANT HILL* WA SPRT

FIELD QV

R=192* T=A* Date 193# _____* Temp. 196#00010* 197= _____*

R=192* T=A* Date 193# _____* Cond. 196#00095* 197= _____*

R=192* T=A* Date 193# _____* pH 196#00400* 197= _____*

CONSTR.

R=58* T=A* 59#1* Date 60=0 6 1 0 1 1 1 9 7 3* Remarks _____

Drlg. 63=2 1 3* Name _____ Method 65=H* Finish 66=S*

BOB SMITH HERNANDO MS

CASING

R=76* T=A* 59#1*

Top csng. 77#0* Bot. csng. 78=3 4 7* Diam. 79#8*

PVC

R=76* T=A* 59#1*

Top csng 77# _____* Bot. csng. 78= _____* Diam. 79# _____*

OPENINGS

R=82* T=A* 59#1* Top 83#3 4 7* Bottom 84=3 8 7*

Type 85=S* Diam. 87= _____* Size 88= _____*

R=82* T=A* 59#1* Top 83# _____* Bottom 84= _____*

Type 85= _____* Diam. 87= _____* Size 88= _____*

YIELD

R=146* T=A* 147#1* Q 150=2 2 5* Q/S 272= _____*

R=42* T= A * Lift type 43# 5* Intake 44= 168' * Power type 45= E' *

LIFT

Date 38= 06/10/1973 * H.P. 46= 10. * *

LOGS

R=198* T= A * Log 199# * * Top 200= * * Bot 201= * *

R=198* T= A * Log 199# * * Top 200= * * Bot 201= * *

R=189* T= A * E Log No. 190# * 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# * 117= * 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= * * Bot 92= * *

Unit ID 93= 124SPRT * Name of Unit _____

R=90* T= A * 256# 1 * Top 91= * * Bot 92= * *

Unit ID 93= * Name of Unit _____

HYDRAULICS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft _____

108= * Hydraul. cond. (gal/d)/ft² _____

110= * Storage coeff. Boundaries _____

R=121* T= * Yr Begin 122# * Network 258# *

Water Level Data Collection (1)

Pleasant Hill Rd.

**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.

7-23-96 AGN.

FORM OLWR-AP-2 (REV. 9/94)

Issued: <u>3-25-86</u>	Expires: <u>3-25-2006</u>	Fee Paid:	Permit No. <u>OKS of Land & Water</u>
Lat. <u>34-56-34</u>	Long. <u>89-56-06</u>	Elev. <u>370</u>	USGS No.
Quad: <u>Pleasant Hill</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>SPRT</u>	Tract No.		Basin No.
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. 17070069

THIS APPLICATION IS FOR (Circle one): GROUNDWATER - COMPLETE A,B,E GW-2185

SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): (1) Public Supply - Municipal, Rural Water or Private Water 2) 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: _____

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: PLEASANT HILL WATER ASSOCIATION 62-0753353
(Name) (SSN or Tax ID No.)

P.O. Box 624
(Address)

OLIVE BRANCH Miss (601) 895-5135
(City) (State & Zip) (Telephone No.) 895-6560

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

SAME
(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):

SE 1/4 of the NE 1/4 of Section 2, Township 2 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. WELL NO. 17070070 AND 07638

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: SPRT Memphis 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)? 8-8, 1974. Under whose name was well originally drilled (if known)? PLEASANT HILL WATER ASSOC-

3. Description of proposed or completed well:

(a) DEPTH OF WELL: 340 feet. DRILLER: Bob Smith Well Co-

(b) SURFACE CASING: Length 300 feet; Diameter 8 inches; Type Steel

(c) SCREEN: Length 35 feet; Diameter 6 inches; Type STAINLESS STEEL

(d) PUMP: Type Submersible; Size 4"; Capacity 250 gallons per minute; Setting depth 330 feet

(e) POWER UNIT: Type Electric; Size 25 HP horsepower

4. PERMITTED VOLUME :

(a) _____ gallons per year at a maximum rate of _____ gallons per minute

(b) 2 _____ gallons per day at a maximum rate of 555 250 gallons per minute

(CONTINUED ON BACK)

MAP SENT

2

150

SECTION C (to be completed for SURFACE WATER SOURCE)

- Source of water is from _____ which drains into _____
which drains into _____
(major stream or river)
- Description of pump/diversion works:
Pump (size & type): _____ Power Unit (size & type): _____
Lift: _____ feet Maximum capacity: _____ gallons per minute
- _____ 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)

- Name of storage reservoir: _____ Dam Height: _____ feet
- 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)

- 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 _____

- Method of Irrigation (circle one) - Center Pivot Flood Furrow
- Land Condition (circle one) - Precision Land Formed Smoothed
- ASCS Farm No. _____ Tract No. _____

- FISH CULTURE:** Explain how water will be used: _____
How often will reservoir (s) be emptied and refilled? _____

- MUNICIPAL, WATER ASSOCIATION, or PRIVATE WATER SYSTEM**
Chose "a" or "b". (a) The number of people served is 5000 or (b) The number of connections is 1200
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?

<u>0.80</u>	<u>96</u>	<u>0.90</u>	<u>2001</u>	<u>1.0</u>	<u>2006</u>	<u>1.1</u>	<u>2011</u>
(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)	(Volume)	(Year)

- 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? _____

- RECREATION:** Explain how water will be used: _____

- OTHER USE:** Explain in detail (if needed, attach another page): _____

- REMARKS:** WATER CONSUMPTIONS ARE FOR THIS WELL AND WELL PERMIT No. 17070070; THEY ALTERNATE PUMPING.

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

JOE F. LAUDERDALE
(Name)

9123 PIGEON ROOST
(Address)

OLIVE BRANCH MS 38654
(City, State, Zip)

601-895-0422
(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.

Charles M. Talbot
(Signature)

Subscribed and sworn to before me this 29th day of Feb, 1996, at 2:30p County of De Soto

My commission expires 4/4/98; Spacia L. Parker Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

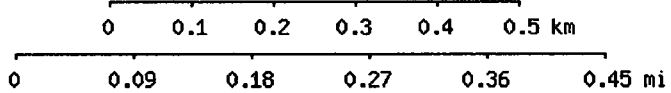
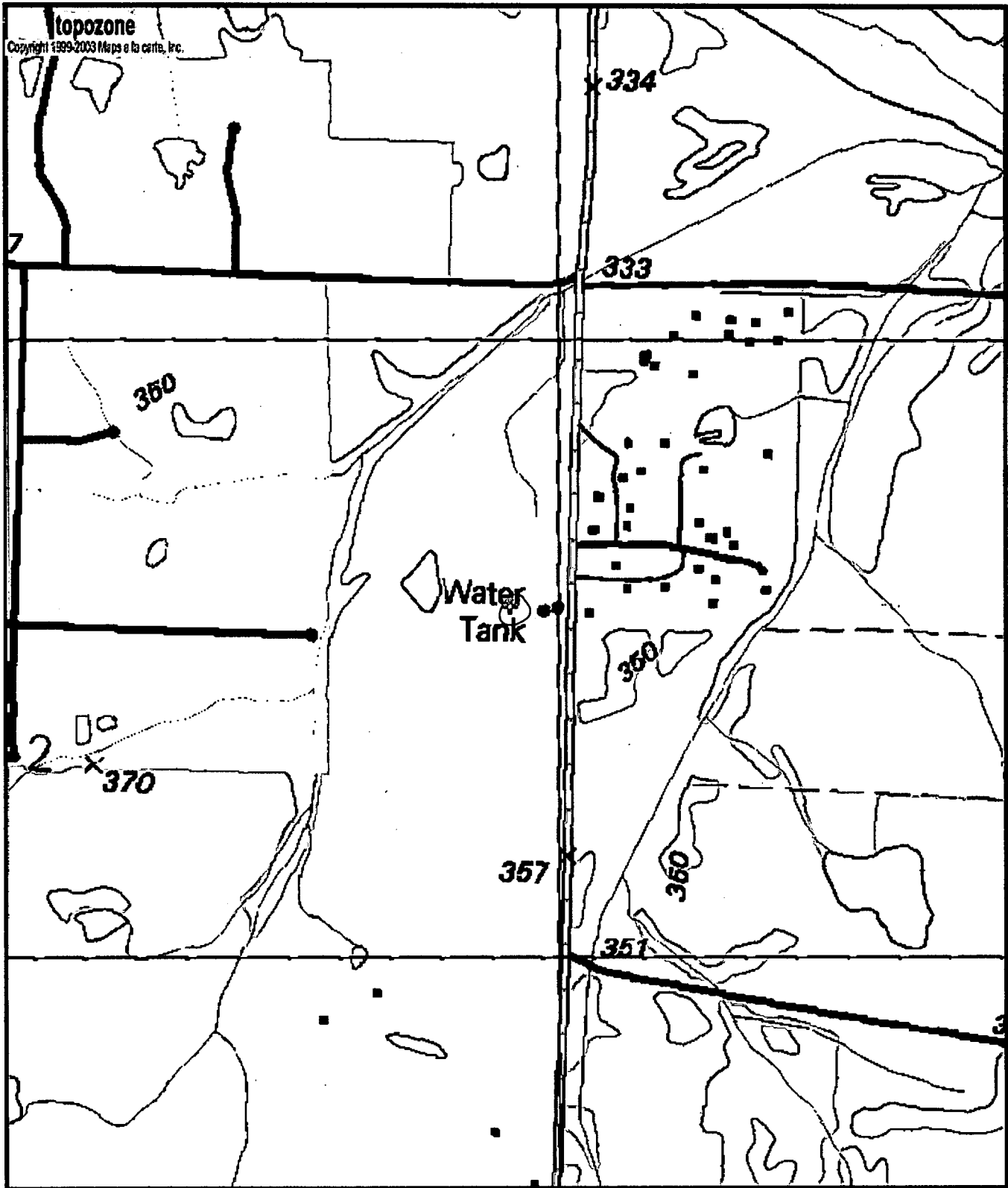
GPS LOG

USER NAME(S): SHD & PEG CAR/ARE DATE: 7-24-96
UNIT DEQ #: 84090 FILE #: 60724180
HEALTH DEPT. #: 170016-01 REPLACEMENT ELEV. 357
USGS #: 482 G-69 OLWR #: MS-GW-02185
OWNER: Pleasant Hill W/A
LOCATION: NE/SE/NE S 02 T 15 R 7W COUNTY: DESO TO
LOCATION DESCRIPTION: Pleasant Hill QUAD
W of PLANT YARD.

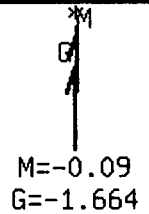
CASING DIA: 10" PUMP TYPE & SIZE: TURBINE 30 HP
GPS FIELD LOCATION: LAT. 34.56566N LONG. 89.54084W
34° 56' 34.9" 89° 54' 11.3"
GPS CORRECTED LOCATION: LAT. 34.94308575 LONG. 89.90255980

REMARKS: _____





Map center is 34° 56' 35"N, 89° 54' 09"W (WGS84/NAD83)
Pleasant Hill quadrangle
 Projection is UTM Zone 16 NAD83 Datum



0170016-01
 GW02185
 G69