

TRANSMITTED FOR ADP

MS-GW-02452  
021002-02

Recorded by WTO  
Date 7/5/85  
Agency USGS

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

Well No. P48  
E-Log No. 135  
County Greene  
Leakesville

WELL RECORD

GEN SITE-DATA

Site Id 3110922088331501 R=0\* T=A\* 2=W\* Data reliab. 3=C\* C U

Dist. 6=28\* State 7=28\* Co. 8=041\* Lat. Long. 9=310922\* 10=0883315\*  
SW

Well NO. 127 P048\* Location 13 DENESILLT02NR06W\* Alt. 167 110\*  
SW

Hyd. Unit(OWDC) 207 03170003\* Date 217 1984102106\* (YYYYMMDD) 17=M\*

Agency Use 8037 0\* Well Use 23 W\* Water Use 24 P\* Hole depth 27 1606\* Well depth 28 575\*  
1

WL 30 1-11\* Date 31 1984106104\* Source 33 D\* Flow 37 1\*

Project No. 5\*

LIFT

R=42\* T=A\* 254#1\* Date 38 1984106104\* Lift Type 43 T\* Intake 44\*

Power Type 45 E\* H.P. 46 30\*

CONSTR.

R=58\* T=A\* 723#1\* Date 60 1984106104\* Drlg 63 064\* Name Hayne

Method 65 H\* Finish 66 G\* Remarks

CASING

R=76\* T=A\* 725#1\* 59#1\* Top csng 77# 0\* Bot.csng 78\* Diam. 79# 110\*

R=76\* T=A\* 725#2\* 59#1\* Top csng 77#\* Bot.csng 78\* Diam. 79#\*

OPENINGS

R=82\* T=A\* 726#1\* 59#1\* Top 83# 535\* Bottom 84 575\* Type 85 S\*

Diam. 87 6\* Size 88 .030\*

R=82\* T=A\* 726#2\* 59#1\* Top 83#\* Bottom 84\* Type 85\*

87\* 88\*

AQUIFERS

R=90\* T=A\* 721#1\* Top 91 510\* Bot 92 580\* Unit Id 93 122MFCN\*

R=90\* T=A\* 721#2\* Top 91\* Bot 92\* Unit Id 93\*

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



#6

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

CODED.

WATER WELL DRILLERS LOG

P48  
Greene Co  
3-30-84  
02451

March 30 1984 Layne Central Co Greene  
date well completed firm name county well located

LANDOWNER: John of  
Leakesville, P.O. Box  
546, Leakesville, MS  
(mailing address) 39451

description of formations encountered	from	to
clay	0	12
sand	12	35
clay	35	65
sand & clay streaks	65	93
clay	93	189
sand	189	212
sandy clay	212	248
clay	248	282
sandy clay	282	320
sand	320	330
sandy shale	330	356
clay	356	374
sand	374	392
clay	392	396
sand	396	454
clay	454	488

WELL LOCATION:  
sec. H T 2 N 6 E  
3 W  
miles of (distance) (direction) (nearest town)

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

WELL COMPLETION DATA:  
(1) diameter (inches) 10"  
(2) total depth (feet) 581'  
(3) static water level (feet) ground below top of ground.  
(4) casing steel 530'  
(material) (depth)  
10" if telescope see back.  
(size)  
(5) screen 40'-8" 530'  
(length) (depth to top)  
6" stainless steel  
(size) (material)  
(6) pump 25 195  
(HP) (yield gpm)  
electric  
(type power)  
(7) electric log yes  
(yes or no)  
MS Geo Survey  
(organization running log)  
(8) how well bottom plugged stainless steel

DEPT. OF NATURAL RESOURCES  
BUREAU OF LAND & WATER RESOURCES

APR 30 1984

RECEIVED

DRILLERS REMARKS:



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SH Bishop DATE: 8-4-94  
UNIT DEQ #: 82859 FILE #: DD80415A  
HEALTH DEPT. #: 210002-02 ELEV. 110  
USGS #: P46 P48 OLWR #: GW-2452  
OWNER: Town of Leaksville QUAD: Leaksville  
LOCATION: NE/SW/NE S 11 T 2M R 6W COUNTY: Green  
LOCATION DESCRIPTION: On Center St 1/4 mi S. of Hwy 63

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: 25 hp Elec Turbine

GPS FIELD LOCATION: LAT. 31°09.181 LONG. 88°33.575

GPS CORRECTED LOCATION: LAT. 31.152827 LONG. 88.559197

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

**RECEIVED**

JAN 18 1996

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. 2-13-96 AGN.

Issued: <u>6-10-86</u>	Expires: <u>6-10-2006</u>	Fee Paid:	Permit No. <u>MS-6W-02452</u>
Lat. <u>31-09-09</u>	Long. <u>88-33-34</u>	Elev. <u>111</u>	USGS No.
Quad. <u>Leakesville</u>	ASCS Farm No.	STAC.	MSDOH No.
Aquifer: <u>MOCN</u>	Tract No.		Basin No. <u>03170003</u>
Remarks:			Dam Inv. No.

THIS APPLICATION IS FOR (Circle one):  NEW PERMIT  RENEWAL PERMIT NO. MS-6W-02452

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 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: Town of Leakesville 64-054398  
(Name) (SSN or Tax ID No.)  
P.O. Box 1088  
(Address)  
Leakesville, MS. 39451 601  
(City) (State & Zip) (Telephone No.) 394-2383

APPLICANT, AGENT, OR LESSEE (if different from Landowner):  
(Name) \_\_\_\_\_ (SSN or Tax ID No.) \_\_\_\_\_  
(Address) \_\_\_\_\_  
(City) \_\_\_\_\_ (State & Zip) \_\_\_\_\_ (Telephone) \_\_\_\_\_

*MAP SENT*

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application):  
SW 1/4 of the NE 1/4 of Section 21, Township 2N, Range 6W, County Greene

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. \_\_\_\_\_

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

- AQUIFER: \_\_\_\_\_ MISSISSIPPI DEPARTMENT OF HEALTH NO.: 210007-02
- Proposed work will begin on \_\_\_\_\_, 19\_\_\_\_, and will be completed by \_\_\_\_\_, 19\_\_\_\_.  
If well has already been drilled, when was well completed (date)? 3-30, 1994. Under whose name was well originally drilled (if known)? Town of Leakesville
- Description of proposed or completed well:
  - (a) DEPTH OF WELL: 524 ~~555~~ feet. DRILLER: B. Stevens (Layne)
  - (b) SURFACE CASING: Length 524 ~~550~~ feet; Diameter 18" 10 inches; Type welded steel
  - (c) SCREEN: Length 40 8" 20 feet; Diameter 6" inches; Type 5. steel (welded)
  - (d) PUMP: Type Turbine (vertical) Size \_\_\_\_\_; Capacity 300 gallons per minute; Setting depth \_\_\_\_\_ feet
  - (e) POWER UNIT: Type 3 ph.; Size 25 horsepower
- PERMITTED VOLUME:
  - (a) \_\_\_\_\_ acre-feet per year at a maximum rate of 300 gallons per minute
  - (b) \_\_\_\_\_ million gallons per day at a maximum rate of 300 gallons per minute

*SM*  
*1-15-96*  
*.028*

(CONTINUED ON BACK)

300

**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 \_\_\_\_\_  
 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. \_\_\_\_\_
- 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 \_\_\_\_\_ or (b) The number of connections is 700  
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?  
 \_\_\_\_\_ (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:** \_\_\_\_\_

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

JEFF BYRD  
(Name)  
P.O. Box 1088  
(Address)  
Leakesville MS. 39451  
(City, State, Zip)  
(601) 394-2383  
(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.

Jeff Byrd  
(Signature)

Subscribed and sworn to before me this 3rd day of Jan, 1996, at Leakesville County of Mississippi  
My commission expires City Clerk Leakesville, MS. Peggy S. Cooley Notary Public.

