

TRANSMITTED FOR ADP

1/81 WTO

Recorded by WTO

Date 10/5/83

U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MISSISSIPPI DISTRICT

WELL RECORD

Well No. 7-69

E-Log No. 326

County Wayne

State Line Quad

Site ID

312757088290101

R=0*

T=A*

2=W*

Data reliab.

3=C*^C_U

Report. agency

4=USGS*

Dist. 859

6=28*

7=28*

Co.

8=153*

Lat.

Long.

9=312757 (31)

10=0882901*

Well No.

12=7069*

Location

13=SWSW 27 T 0.6N R 0.5W*

Alt.

16=255.*

Hyd. Unit (OWDC)

20=

Date

21=09/22/1983*

Well use

23=W*

Water Use

24=P*

Hole depth

27=704.*

Well depth

28=672.*

WL

30=100.*

Date

31=10/03/1983*

Source

33=S*

Status

273=

Project No.

5=

WL=123.2/93

R=158*

T=A*

Date

159# 12/01/1983*

Owner No.

Well #3

Owner

161# STATE LINE*

R=192*

T=A*

Date

193# 10/03/1983*

Temp.

196#00010*

197=23.0*

R=192*

T=A*

Date

193# 10/03/1983*

Cond.

196#00095*

197=360.*

R=192*

T=A*

Date

193# 10/03/1983*

pH

196#00400*

197=8.7*

R=58*

T=A*

59# 1*

Date

60# 12/01/1983*

Remarks

Drlg.

63# 184*

Name

Griner Drlg.

Method

65# H*

Finish

66# G*

R=76*

T=A*

59# 1*

Top csng.

77# 0.*

Bot. csng.

78# 622.*

Diam.

79# 1.0*

R=76*

T=A*

59# 1*

Top csng

77# 582.*

Bot. csng.

78# 632.*

Diam.

79# 6.*

R=82*

T=A*

59# 1*

Top

83# 632.*

Bottom

84# 672.*

Type

85# S*

Diam.

87# 6.*

Size

88# .008*

R=82*

T=A*

59# 1*

Top

83#

Bottom

84#

Type

85#

Diam.

87#

Size

88#

R=146*

T=A*

147# 1*

Q

150# 300.*

Q/S

272# 6.5*

R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*

Date 38= 12/01/1983* H.P. 46= 40.*

LIFT

R=198* T= A * Log 199# E* Top 200= 20.* Bot 201= 704.*

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 704.*

R=189* T= A * E Log No. 190# 326* 191= M I S S D I S T *

LOGS

R=114* T= A * Year 115# 1983* 117= USGS* 120= B*

ANAL.

R=90* T= A * 256# 1 * Top 91= 620.* Bot 92= 670.*

Unit ID 93= 123WSBR* Name of Unit

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

Unit ID 93= * Name of Unit

AQUIFERS

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

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

107= * Transmissivity (gal/d)/ft 881 000

108= * Hydraul. cond. (gal/d)/ft² 000

110= * Storage coeff. c. Boundaries 000

HYDRAULICS

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

Water Level Data Collection (1)

description of formations encountered	from	to
TOP SOIL	0	3
CLAY	3	112
SAND	112	194
CLAY	194	244
SAND	244	270
CLAY + Rocks	270	348
SAND	348	394
CLAY + Rocks	394	550
LIMESTONE + thin SAND	550	631
SAND, med	631	673
CLAY	673	704

WAYNE
Z69
12/83

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209
WATER WELL DRILLERS LOG

CODED

1983 GRINER DRILLING CO. WAYNE
date well completed firm name county well located

LANDOWNER: TOWN OF
STATE LINE, WELL
NO. 3
(mailing address)

WELL LOCATION: SE 1/4 NW 1/4
sec. 34 T. 6 N R. 5 E
S W
(distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 10 3/4
 - (2) total depth (feet) 672 ft.
 - (3) static water level (feet) 103.70 below top of ground.
 - (4) casing steel, 622,
(material) (depth)
10 3/4 If telescope see back.
(size)
 - (5) screen 40, 632
(length) (depth to top)
6 30 x 5.8 (.008)
(size) (material)
 - (6) pump 40 300
(HP) (yield gpm)
Electric
(type power)
 - (7) electric log Yes
(yes or no)
Miss. Geol. Survey
(organization running log)
 - (8) how well bottom plugged BACK
WATER VALVE

description of formations encountered	from	to
TOP SOIL	0	3
CLAY	3	112
SAND	112	174
CLAY	174	244
SAND	244	270
CLAY + ROCKS	270	348
SAND	348	394
CLAY + ROCKS	394	550
LIMESTONE + THIN SAND	550	631
SAND, Med.	631	673
CLAY	673	704

CODED

RECEIVED
FEB 14 1984
DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

DRILLERS REMARKS:

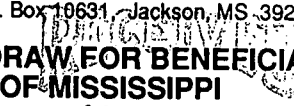
2

269

Issued: 1-8-91	Expires: 1-8-2001	Fee Paid	Permit No. GW-13026
Lat. 31-26-58	Long. 88-28-53	Elev. 250	USGS No.
Quad State Line	Dist.		Basin No. 03170003
STAC			Dam Inv. No.
			Dam appl. No.

Dept. of Natural Resources, Bureau of Land and Water Resources, P.O. Box 10631, Jackson, MS 39289-0631

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


 OCT 01 1990
 well # 3
 East side
 of road
 Department of Natural Resources
 Bureau of Land and Water Resources
 Rural Water Association

This application is for (circle one): GROUNDWATER SURFACE WATER

Beneficial Use (circle one or more): Irrigation Fish Culture Municipal Industrial
 Recreation Institutional (Examples: Church, School) Commercial (Examples: Hotel, Restaurant) Livestock Standby
Fire Protection Flood Protection Other: _____

LANDOWNER:

Town of State Line MS 39362 (601) 848-7902
 (Name) (S/S or Tax ID No.)
PO Box 95
 (Address)
State Line MS 39362 (601) 848-7902
 (City) (State and Zip) (Telephone Number)

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

Same as Above
 (Name) (S/S or Tax ID No.)
 (Address)
 (City) (State and Zip) (Telephone Number)

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

~~SW 1/4, SE 1/4, NW 1/4, NE 1/4~~
FD NW 1/4 of the NW 1/4 of Section 34, Township 6N, Range 5W, County Wayne

Volume of water diverted/withdrawn (Choose "a", "b", "c", or "d" ["d" is for units other than those shown in "a", "b", or "c"]):

- (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute
- (b) _____ million gallons per day at a maximum rate of 300 gallons per minute
- (c) _____ acre feet of storage at normal pool
- (d) _____ per _____ at a maximum rate of _____

Construction of proposed work will begin on (date) April, 1984 and will be completed by (date) June, 1984

Water will be used from (month) January to (month) December each year.

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 numbers.

AD# 210005-02

SECTION A (to be completed if application is for surface water source)

- Source of water is from _____ which drains into _____ which drains into _____ which drains into _____
- Description of pump/diversion works:
 - (a) Pump (size and type): _____ Power Unit (size and type): _____
 Lift: _____ feet Maximum capacity: _____ gallons per minute.
 - (b) Name of storage reservoir: _____ Dam height: _____ feet.
 Surface area at normal pool: _____ acres. Storage capacity at normal pool: _____ acre-feet.

(Continued on back)

SECTION B (to be completed if application is for groundwater source)

1. Source of water is Waynesboro Sand aquifer.
2. Description of proposed water well:
- (a) DEPTH OF WELL: 679 672 feet. DRILLER (name): Griner Drilling Service, Inc
- (b) SURFACE CASING: Length: 622 feet. Diameter: 10 3/4 inches. Type: Welded STEEL
- (c) SCREEN: Length: 40 feet. Diameter: 6 inches. Type: Bar Weld 304 SS (008)
- (d) PUMP: Type: ELECTRIC. Size: 8". Capacity: 300 gallons per minute.
Number of stages: 12 Setting depth: 200 feet.
- (e) POWER UNIT: Type: Electric. Size: 40 horsepower.
- (f) TYPE OF COMPLETION: Naturally Developed

WATER USE DATA:

If for IRRIGATION, FISH CULTURE or any other areal use, show the number of acres to which water will be applied in the appropriate 40-acre block(s). Acreage must be shown on accompanying location map.

TOWN-SHIP	RANGE	SEC-TION	NE1/4				NW1/4				SW1/4				SE1/4				TOTALS
			NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	NE1/4	NW1/4	SW1/4	SE1/4	

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

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

3. MUNICIPAL or WATER ASSOCIATION
Choose "a" or (a) The number of people served is _____. (b) The number of connections/customers is 209.
What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty years?
(Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year); (Volume) (Year)

4. INDUSTRIAL: If water is to be released into a watercourse, indicate the amount released each year _____
Rate of release _____; Location of release point in reference to diversion/withdrawal point _____
_____; Explain any change in quality of water to be released:
NPDES Permit No. _____
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: _____

REMARKS: _____

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

Penny D. Young
(Name)
PO Box 145
(Address)
State Line MS 39362
(City, State, Zip)
601-848-7813 Home
(Telephone)
601-848-7902 Work

The accompanying map is hereby declared a part of this application. The TEN DOLLAR (\$10.00) permit fee is enclosed herewith.

Penny D. Young
(Signature)

Subscribed and sworn to before me this 19 day of Sept, 1990 at State Line MS
County of Wayne + Greene My commission expires _____
Luca Lucano City Clerk Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): 5H Bishop DATE: 8-4-94
UNIT DEQ #: 82859 FILE #: D080419B
HEALTH DEPT. #: 210005-01 ELEV. 262
USGS #: 2-9000 2-69 OLWR #: BW-13025 13026
OWNER: Town of state line QUAD: state line
LOCATION: ^{nw} -N/W - NW S 34 T 6N R 5W COUNTY: Wayne
LOCATION DESCRIPTION: _____

CASING DIA: _____ PUMP TYPE & SIZE: 40hp Elect. Turbine
GPS FIELD LOCATION: LAT. 31.27.035 LONG. 88.28.972
GPS CORRECTED LOCATION: LAT. 31.450569 LONG. 88.483184

REMARKS: _____

