

316A
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1/1 WTO

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Date 11-1-83

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

Well No. Z70
E-Log No. 327
County WAYNE
State Line Quad

Site ID 312638088283201 R=0* T=A* 5 19

2=W*

GEN. SITE DATA

Data reliab. 3=C*^C Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=153*
Lat. TOI
Long. 9=312638* 10=0882832* Well No. 12=Z070*
Location 13=SE NW S34 T06N R05W* Alt. 16=250*
Hyd. Unit (OWDC) 20= _____ Date 21=10/27/1983*
Well use 23=W* Water Use 24=P* Hole depth 27=707* Well depth 28=682*
WL 30=93* Date 31=11/09/1983* Source 33=D*
Status 273= _____ Project No. 5= _____

WL=115-85 2/93

OWNER

R=158* T=A* Date 159# 02/01/1984* Owner No. Well #4
Owner 161# STATE LINE TH #3 WELL#

FIELD QW

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# 02/01/1984* Remarks _____
Drig. 63# 184* Name Griner Method 65# H* Finish 66# S*

CASING

R=76* T=A* 59# 1*
Top csng. 77# 0* Bot. csng. 78# 632* Diam. 79# 10*
R=76* T=A* 59# 1*
Top csng. 77# 592* Bot. csng. 78# 632* Diam. 79# 6*

OPENINGS

R=82* T=A* 59# 1* Top 83# 632* Bottom 84# 682*
Type 85# S* Diam. 87# 16* Size 88# .008*
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# 300* Q/S 272# . . *

LIFT: R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*
 Date 38= 02/01/1984* H.P. 46= 30.*

LOGS: R=198* T= A * Log 199# E* Top 200= 150.* Bot 201= 703.*
 R=198* T= A * Log 199# * Top 200= * Bot 201= *
 R=189* T= A * E Log No. 190# 327* 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= 620.* Bot 92= 690.*
 Unit ID 93= 1238CTN * Name of Unit Wynnsboro Sl.
 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)

(200' from well No. 1)
 Test well
 TD 665' 2/93
 75gpm Well #4 115-85
 PH=8.3 Well #3 123.
 Fe: <0.1

Description of formations encountered	from	to
TOP SOIL	0	3
CLAY + SAND STREAMS	3	35
CLAY	35	97
SAND, Streams + Rocks	97	119
CLAY	119	161
SAND	161	200
CLAY	200	243
SAND + CLAY STREAMS	243	328
SAND	328	396
CLAY + SAND STREAMS	396	496
CLAY, HARD	496	564
LIME ROCK	564	616
SAND	616	692
CLAY	692	703

WAYNE
2/84
Z 70
Elwa # 327

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**

JAN + FEB 19 83 PRINER DRILLING SERVICE WAYNE
date well completed firm name county well located

LANDOWNER: <u>TOWN OF STATE</u>	description of formations encountered	from	to
<u>LINE, WELL NO. 7</u>	<u>TOP SOIL</u>	<u>0</u>	<u>3</u>
(mailing address)	<u>CLAY + SAND STREMS</u>	<u>3</u>	<u>35</u>
WELL LOCATION: <u>SEA SEAN</u>	<u>CLAY</u>	<u>35</u>	<u>97</u>
sec. <u>3</u> T. <u>6</u> N. R. <u>5</u> E. <u>W</u>	<u>SAND, streaks + Rocks</u>	<u>97</u>	<u>119</u>
(distance) miles _____ of _____ (direction) (nearest town)	<u>CLAY</u>	<u>119</u>	<u>161</u>
WELL PURPOSE: _____ (home, irrigation, (municipal) industrial)	<u>SAND</u>	<u>161</u>	<u>200</u>
WELL COMPLETION DATA:	<u>CLAY</u>	<u>200</u>	<u>243</u>
(1) diameter (inches) <u>10 3/4</u>	<u>SAND + CLAY STREMS</u>	<u>243</u>	<u>328</u>
(2) total depth (feet) <u>682 ft.</u>	<u>SAND</u>	<u>328</u>	<u>376</u>
(3) static water level (feet) <u>92.20 below</u> top of ground. above	<u>CLAY + SAND STREMS</u>	<u>376</u>	<u>496</u>
(4) casing <u>Steel</u> <u>607</u> (material) (depth)	<u>CLAY, HARD</u>	<u>496</u>	<u>564</u>
<u>10 3/4</u> (size) If telescope see back.	<u>LIME ROCK</u>	<u>564</u>	<u>616</u>
(5) screen <u>50'</u> <u>630</u> (length) (depth to top)	<u>SAND</u>	<u>616</u>	<u>692</u>
<u>6"</u> <u>309 S.S. (008)</u> (size) (material)	<u>CLAY</u>	<u>692</u>	<u>703</u>
(6) pump <u>30</u> <u>300</u> (HP) (yield gpm)			
<u>Elect.</u> (type power)			
(7) electric log <u>Yes</u> (yes or no)			
<u>MGS</u> (organization running log)			
(8) how well bottom plugged <u>BACK</u>			
<u>USED VALVE</u>			
DRILLERS REMARKS: _____			

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

FEB - 1 1984

RECEIVED

The box below is for office use only.

270

Issued: <u>1-8-91</u>	Expires: <u>1-8-2001</u>	Fee Paid <input checked="" type="checkbox"/>	Permit No. <u>GW-13025</u>
Lat. <u>31-26-57</u>	Long. <u>88-22-52</u>	Elev. <u>250</u>	USGS No.
Quad. <u>State Line</u>	Dist.		Basin No. <u>03170003</u>
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

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: _____

Department of Natural Resources
Bureau of Land and Water Resources

LANDOWNER:

Town of State Line Bl 64-0510438
 (Name) (S/S or Tax ID No.)
PO Box 95
 (Address)
State Line MS 39362 (601) 848-7755
 (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):

ESD SE 1/4, SE 1/4, NW 1/4
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 1, 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.

HD#210005-01

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

- Source of water is from _____ 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: 687 682 feet. DRILLER (name): Griner Drilling Service, Inc.
- (b) SURFACE CASING: Length: 617 feet. Diameter: 10 3/4 inches. Type: Welded STEEL
- (c) SCREEN: Length: 50 feet. Diameter: 6 inches. Type: Bar Weld 304 S.S. (009)
- (d) PUMP: Type: ELECTRIC Turbine. Size: 8". Capacity: 300 gallons per minute.
Number of stages: 14. Setting depth: 170 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 **(b)** (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)
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:

Perry D. Young
(Name)
P.O. 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.

Perry D. Young
(Signature)

Subscribed and sworn to before me this 19 day of Sept 1990, at State G. Va.
County of Wayne & Greene. My commission expires _____
Linda Luan City Clerk, Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): SH Bishop DATE: 8-4-94
UNIT DEQ #: 82859 FILE #: D080419A
HEALTH DEPT. #: 210005-02 ELEV. 250
USGS #: Z-9001 Z-70 OLWR #: GW-13026 13025
OWNER: Town of Stage Line QUAD: State Line
LOCATION: NW/NW S 34 T 6N R 5W COUNTY: Wayne
LOCATION DESCRIPTION: 1 mi n. of City Hall on Rt side of Main St.

CASING DIA: _____ PUMP TYPE & SIZE: 40^{hp} Elec

GPS FIELD LOCATION: LAT. 31° 27.029 LONG. 88° 28.962

GPS CORRECTED LOCATION: LAT. 31.450528 LONG. 88.482749

REMARKS: _____

