

TRANSMITTED FOR ADP

Recorded by BRB
Date 6/19/87
Agency USGS

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. A71
E-Log No. 195
County FORREST
Sanford Quad

WELL RECORD

GEN SITE DATA

Site Id 3124201089240001 R=0* T=A* 2=W* Data rellab. 3=C* U

Dist 6=28* State 7=28* Co. 8=0315* Lat. Long. 9=312426* 10=0892400*

Well NO. 12=VA0711* Location 13=SEISES09TIO5NR14W* Alt. 16=230.1*

Hyd. Unit(OWDC) 20=03117101014* Date 21=1987104127* (YYYYMMDD) 17=M*

Agency Use 803=Q* Well Use 23=W1* Water Use 24=P1* Hole depth 27=19351.1* Well depth 28=19181.1*

ML 30=11011.1* Date 31=1987104127* Source 33=D* Flow 37=1*

Project No. 5= PRIM. AQ. 71=122MOCN*

LIFT

R=42* T=A* 254#1* Date 38=1987104127* Lift Type 43=S1* Intake 44=

Power Type 45=E1* H.P. 46=140.1*

CONSTR.

R=58* T=A* 723#1* Date 60=1987104127* Drlg 63=184* Name GRINERDPLNG SUC

Method 65=H1* Finish 66=S1* Remarks _____

CASING

R=76* T=A* 725#1* 59#1* Top csng 77= Bot.csng 78=18710.1* Diam. 79=1101.81*

R=76* T=A* 725#2* 59#1* Top csng 77=18118.1* Bot.csng 78=18718.1* Diam. 79=18.1*

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83=18718.1* Bottom 84=19118.1* Type 85=S1*

Diam. 87=18.1* Size 88=.100181*

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=18712.1* Bot 92= Unit Id 93=1122C THL*

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 _____

ANAL: R=114* T=A* 706= | | | * Year 115# | | | | * 117= | | | * 120= | | | *

R=121* T=A* Yr Begin 115# | | | | * Network 257# | | | *

FIELD R=146* T=A* Flows/Pumped (circle one) 147#1* 148= | | 9 | 8 | 7 | | 1 | 0 | 4 | | 1 | 2 | 7 | * Q 150= | | | | 1 | 5 | 0 | . | | *
Q/S 272= | | | | . | | | *

OWNER R=158* T=A* 718#1* Date 159# | | 9 | 8 | 7 | | 1 | 0 | 4 | | 1 | 2 | 7 | * Owner No. _____
Owner 161# RAWLS ISAPR WIGS WIA | | | | *

WIMEN ID R=189* T=A* 736#1* E-Log No. 190# | 1 | 9 | 5 | * 191= M I S S I S T I * | | | | | | | | | | *

FIELD QW R=192* T=A* 738#1* Date 193# | | | | / | | / | | | * Temp 196#00010* 197= | | | | . | | | * | | | | *

R=192* T=A* 738#2* Date 193# | | | | / | | / | | | * Cond 196#00095* 197= | | | | . | | | * | | | | *

R=192* T=A* 738#3* Date 193# | | | | / | | / | | | * pH 196#00400* 197= | | | | . | | | * | | | | *

LOGS R=198* T=A* 739#1* Log 199# | E | * Top 200= | | | | 4 | 2 | . | | * Bot 201= | | 9 | 3 | 5 | . | | * | | | | *

R=198* T=A* 739#2* 199# | D | * 200= | | | | 0 | . | | * 201= | | 7 | 1 | 1 | 8 | . | | * | | | | *

Remarks: R=183# 311= | | | | / | | / | | | * | | | | *

184:

description of formations encountered	from	to
TOP SOIL	0	3
CLAY	3	42
SAND	42	62
CLAY	62	74
SAND	74	120
CLAY	120	326
SAND	326	438
CLAY	438	536
CLAY + SAND STRATA	536	720
CLAY ROCK + SAND STRATA	720	750
CLAY + ROCK STRATA	750	872
SAND + thin clay strata	872	918

FORREST
A 71
2-10-95

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

19 87 Y RIVER DRILLING SER. FORREST
date well completed firm name county well located

LANDOWNER: <u>RAWLS SPRINGS</u>	description of formations encountered	from	to
<u>UTILITY DISTRICT</u>	<u>TOP SOIL</u>	<u>0</u>	<u>3</u>
<u>WELL NO. 4</u> (mailing address)	<u>CLAY</u>	<u>3</u>	<u>42</u>
	<u>SAND</u>	<u>42</u>	<u>62</u>
	<u>CLAY</u>	<u>62</u>	<u>74</u>
<u>WELL LOCATION: SE 1/4 SE 1/4 SE 1/4</u>	<u>SAND</u>	<u>74</u>	<u>120</u>
sec. <u>9</u> T. <u>5</u> N. S. R. <u>14</u> E. W. <u>5</u>	<u>CLAY</u>	<u>120</u>	<u>326</u>
	<u>SAND</u>	<u>326</u>	<u>438</u>
	<u>CLAY</u>	<u>438</u>	<u>536</u>
<u>_____</u> miles of <u>_____</u> (distance) (direction) (nearest town)	<u>CLAY + SAND STRATA</u>	<u>536</u>	<u>720</u>
<u>WELL PURPOSE: RURAL W.A.</u> (home, irrigation, municipal, industrial)	<u>CLAY, ROCK + SAND STRATA</u>	<u>720</u>	<u>750</u>
<u>WELL COMPLETION DATA:</u>	<u>CLAY + ROCK STRATA</u>	<u>750</u>	<u>872</u>
(1) diameter (inches) <u>10 3/4</u>	<u>SAND + thin clay strata</u>	<u>872</u>	<u>918</u>
(2) total depth (feet) <u>918</u>			
(3) static water level (feet) <u>100.65</u> below above top of ground.			
(4) casing <u>STEEL</u> <u>870</u> (material) (depth)			
<u>10 3/4</u> if telescope see back. (size)			
(5) screen <u>40'</u> <u>880</u> (length) (depth to top)			
<u>8"</u> <u>304 S.S. (.008)</u> (size) (material)			
(6) pump <u>150</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 WASH</u> <u>VALVE, STINGER + CONCRETE</u>			
DRILLERS REMARKS:			

CODED

RECEIVED

AUG 21 1987

Department of Natural Resources
Bureau of Land & Water Resources

13810 FORM BLW-AP-1 (rev. 10/88)

The box below is for office use only. MOCN

Issued: <u>11-12-91</u>	Expires: <u>11-12-91</u>	Fee Paid	<input checked="" type="checkbox"/>	Permit No. <u>GWI-13810</u>
Lat. <u>31-24-28</u>	Long. <u>89-24-01</u>	Elev. <u>235</u>		USGS No.
Quad. <u>SANFORD</u>	Dist.			Basin No. <u>03170004</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 OF THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

RECEIVED

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

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

LANDOWNER:

Rawls Springs Utility District 180012
 (Name) (S/S or Tax ID No.)
39 Archie Smith Road
 (Address)
Hattiesburg Ms. 39402 (601) 268-2248
 (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):

SE 1/4 of the SE 1/4 of Section 9, Township 5N, Range 14W, County Forrest

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) .06 million gallons per day at a maximum rate of 150 gallons per minute
- (c) _____ acre feet of storage at normal pool
- (d) 150 gal per min at a maximum rate of same

Construction of proposed work will begin on (date) _____, 19____ and will be completed by (date) _____, 1987.

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.
On line with 1972. HD# 180012-04

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

1. Source of water is from _____ which drains into _____ which drains into _____ which drains into _____
2. 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 _____ aquifer.
2. Description of proposed water well:
- (a) DEPTH OF WELL: 918' feet. DRILLER (name): Griner Drilling Service, Inc.
- (b) SURFACE CASING: Length: N/A 870' feet. Diameter: 10 3/4 inches. Type: Steel
- (c) SCREEN: Length: 40-14-21' feet. Diameter: 8 inches. Type: Wire Wound
- (d) PUMP: Type: Electric Size: 8" Bowl Capacity: 150 gallons per minute.
Number of stages: _____ Setting depth: _____ feet.
- (e) POWER UNIT: Type: VHS Size: 30 horsepower.
- (f) TYPE OF COMPLETION: _____

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 387 ^(Total 775) _{from this well.}

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? N-A (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:

Jean Rabin
(Name)
39 Archie Smith Rd
(Address)
Nibing, Mo 39402
(City, State, Zip)
601-268-2248
(Telephone)

you sent a map of Mendale Utility. I am sending a map we had here.

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

Blaney Bryant
(Signature)

Subscribed and sworn to before me this 12th day of Sept 1991, at Forest
County of Mississippi. My commission expires My Commission Expires Oct. 24, 1997
Evelyn Jean Rabin, Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Sanford
Quad.

GPS LOG

USER NAME(S): CA. Hornebeck DATE: 6/30/94

UNIT DEQ #: 82 555 FILE #: C 063019D

HEALTH DEPT. #: 180012-04 ELEV. 235

USGS #: 2-134 A71 OLWR #: 13810

OWNER: Rawls Springs Util. Assn.

LOCATION: SE-SE-SE S 9 T 5N R 14W COUNTY: Forrest

LOCATION DESCRIPTION: At Elev. Tank SW side of Hwy 49, 4 1/2
Mi. NW of Intersection with 759.
(well is N of Elev Tank)

CASING DIA: 10" PUMP TYPE & SIZE: 2.0 HP Elec.

GPS FIELD LOCATION: LAT. 31° 24.389 LONG. 89° 23.978

GPS CORRECTED LOCATION: LAT. 31.24 24.272 LONG. 89.23 58.017

REMARKS: GPS at well.
31.406742
89.399449

