

6/78 WTD

Recorded by WTD

Date 3/4/82

TRANSMITTED FOR ADP

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

Bunker Hill

Well No. A68

E-Log No. 175

County Forrest

Sanford Quad

Site ID 3.1.2.4.2.1.0.8.9.2.3.5.9.0.1 R=0* T=A* 2=W*

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=0.3.5.*

Lat. Long. 9=3.1.2.4.2.1.* 10=0.8.9.2.3.5.9.* Well No. 12=A.0.6.8.*

Location 13=SESE S 09 T 05 N R 14 W.* Alt. 16=240.*

Hyd. Unit (OWDC) 20= Date 21=0.2.1.0.2.1.1.9.8.2.*

Well use 23=W.* Water Use 24=P.* Hole depth 27=9.9.0.* Well depth 28=9.1.0.*

WL 30=8.0.* Date 31=0.3.1.1.6.1.1.9.8.2.* Source 33=D.*

Status 273= Project No. 5=

R=158* T=A* Date 159#0.3.1.1.6.1.1.9.8.2.* Owner No. #3

Owner 161#RAWLS SPGS W A

R=192* T=A* Date 193#0.7.1.0.8.1.1.9.8.2.* Temp. 196#00010* 197=24.0.*

R=192* T=A* Date 193#0.7.1.0.8.1.1.9.8.2.* Cond. 196#00095* 197=24.5.*

R=192* T=A* Date 193#0.7.1.0.8.1.1.9.8.2.* pH 196#00400* 197=8.5.*

R=58* T=A* 59#1* Date 60=0.3.1.1.6.1.1.9.8.2.* Remarks

Drig. 63=0.6.4.* Name Layne Method 65=H.* Finish 66=S.*

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

Top csng. 77#0.* Bot. csng. 78=8.6.5.* Diam. 79#8.*

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

Top csng 77#8.1.3.* Bot. csng. 78=8.7.0.* Diam. 79#6.*

R=82* T=A* 59#1* Top 83#8.7.0.* Bottom 84=9.1.0.*

Type 85=S.* Diam. 87=6.* Size 88=

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

Type 85= Diam. 87= Size 88=

ELD R=146* T=A* 147#1* Q 150=2.5.0.* Q/S 272=

GEN. SITE DATA

OWNER

FIELD OW

CONSTR.

CASING

OPENINGS

0082

LIFT

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

Date 38= 03/16/1982 * H.P. 46= 30. * *

LOGS

R=198* T= A * Log 199# E * Top 200= 30. * Bot 201= 990. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 988. *

R=189* T= A * E Log No. 190# 175 * 191= M I S S D I S T *

ANAL.

R=114* T= A * Year 115# 1982 * Type 120= B *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 87.7. * Bot 92= 910. *

Unit ID 93= 122CTHLL * 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 _____

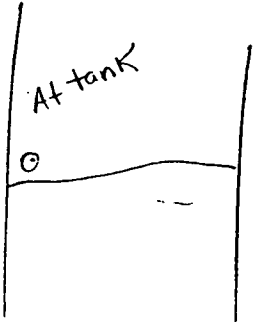
110= * Storage coeff. Boundaries _____

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

Water Level Data Collection (1)

WL=88' 7/8/82

33' dd @ 271 gpm
3'



description of formations encountered	from	to
SANDY CLAY	0'	10'
CLAY	10'	52'
SAND & PEA GRAVEL	52'	143'
CLAY	143'	231'
SAND	231'	256'
CLAY	256'	298'
SANDY SHALE	298'	368'
SAND	368'	436'
CLAY	436'	484'
SAND	484'	494'
CLAY	494'	536'
SAND & CLAY STRATA	536'	605'
HARD CLAY	605'	680'
SAND & LIME	680'	730'
CLAY	730'	743'
ROCK	743'	754'
CLAY	754'	846'
SAND	846'	852'
CLAY	852'	877'
SAND	877'	910'
SANDY CLAY	910'	920'
CLAY	920'	988'

↑ to tank
↓

Forrest
A68
3-16-82
E log # 175

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

CODED

WATER WELL DRILLERS LOG

03-16-1982 Layne-Central Company FORREST
date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
Rawls Springs Utility District	Sandy Clay	0'	10'
Rawls Springs, Miss. (mailing address)	Clay	10'	52'
	Sand + Pea Gravel	52'	143'
WELL LOCATION:	Clay	143'	231'
sec. <u>9</u> T. <u>5</u> N R. <u>14</u> E	Sand	231'	256'
_____ miles <u>NE</u> of <u>Hattiesburg</u>	Clay	256'	298'
(distance) (direction) (nearest town)	Sandy Shale	298'	368'
WELL PURPOSE: <u>Municipal</u>	Sand	368'	436'
(home, irrigation, municipal, industrial)	Clay	436'	494'
WELL COMPLETION DATA:	Sand	494'	536'
(1) diameter (inches) <u>8"</u>	Sand + Clay streaks	536'	605'
(2) total depth (feet) <u>916'</u>	Hard Clay	605'	680'
(3) static water level (feet) <u>80'</u> below top of ground.	Sand + Lime	680'	730'
(4) casing <u>STEEL</u> <u>865'</u>	Clay	730'	743'
(material) (depth)	Rock	743'	754'
<u>8"</u> If telescope see back.	Clay	754'	846'
(size) + <u>57' 07 1/2"</u>	Sand	846'	852'
(5) screen <u>40'</u> <u>876'</u>	Clay	852'	877'
(length) (depth to top)	Sand	877'	910'
<u>6"</u> <u>STAINLESS STEEL</u>	Sandy Clay	910'	920'
(size) (material)	Clay	920'	988'
(6) pump <u>30</u> <u>250</u>			
(HP) (yield gpm)			
<u>Electric</u>			
(type power)			
(7) electric log <u>no</u>			
(yes or no)			
<u>Miss. Bureau of Geology</u>			
(organization running log)			
(8) how well bottom plugged <u>Back</u>			
<u>PRESSURE VALVE</u>			
DRILLERS REMARKS: <u>used</u>			
<u>LEAD SEAL</u>			

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

APR 29 1982

RECEIVED

RECEIVED

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

MAY 11 2000

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES

P.O. BOX 10631, JACKSON, MS 39288-0631; (601) 961-5202

This box is for office use only.

6-27-00 AGN

Office of Land & Water Resources MSOLWR-AP-2 (REV. 9/94)

Table with 4 columns: Issued, Expires, Fee Paid, Permit No.; Lat, Long, Elev, USGS No.; Quad, ASCS Farm No, STAC, MSDOH No.; Aquifer, Tract No, Basin No.; Remarks, Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT (RENEWAL) PERMIT NO. 6W 12722

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: Rawls Springs Utility District 237031867 (Name) (SSN or Tax ID No.)

39 Archie Smith Rd (Address)

Hattiesburg Ms 39401 (601) 268-2248 (City) (State & Zip) (Telephone No.)

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

(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 SE 1/4 of Section 09, Township 05N, Range 14W, County Forrest

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. NO

SECTION B (to be completed for GROUNDWATER SOURCE)

1. AQUIFER: MIOCENE 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)? _____, 19 82. Under whose name was well originally drilled (if known)? _____

3. Description of proposed or completed well: (a) DEPTH OF WELL: 910 feet. DRILLER: LANNING-CENTRAL (b) SURFACE CASING: Length 365 feet; Diameter 8 inches; Type STEEL (c) SCREEN: Length 40 feet; Diameter 6 inches; Type WIRE WOUND S.S. (d) PUMP: Type Sub; Size 25HP; Capacity 230 gallons per minute; Setting depth _____ feet (e) POWER UNIT: Type _____; Size _____ horsepower

4. PERMITTED VOLUME: (a) _____ acre-feet per year at a maximum rate of _____ gallons per minute (b) 0.1 million gallons per day at a maximum rate of 230 gallons per minute

0.06 M³ 5/24/00 (CONTINUED ON BACK) 126

map sent

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: new selma-gala pump
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 Sorgum _____; 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 975
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.

Tony Bryant
(Name)
39 Archie Smith Rd
(Address)
Hattiesburg, Ms. 39402
(City, State, Zip)
601-268-2248
(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.

Tony Bryant EGK
[Signature]
(Signature)

Subscribed and sworn to before me this 10th day of May, 2000, at Hattiesburg County of Forrest

My commission expires BOONED THRU STEGALL NOTARY SERVICE MISSISSIPPI STATEWIDE NOTARY PUBLIC
Evelyn Jean Roblin Notary Public.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

Sanford
Quad.

GPS LOG

USER NAME(S): C.A. Hornbeak DATE: 6/30/94

UNIT DEQ #: 82555 FILE #: C063019C

HEALTH DEPT. #: 180012-03 ELEV. 242

USGS #: Z-133 A68 OLWR #: 12722

OWNER: Rawls Springs Util. Assn.

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

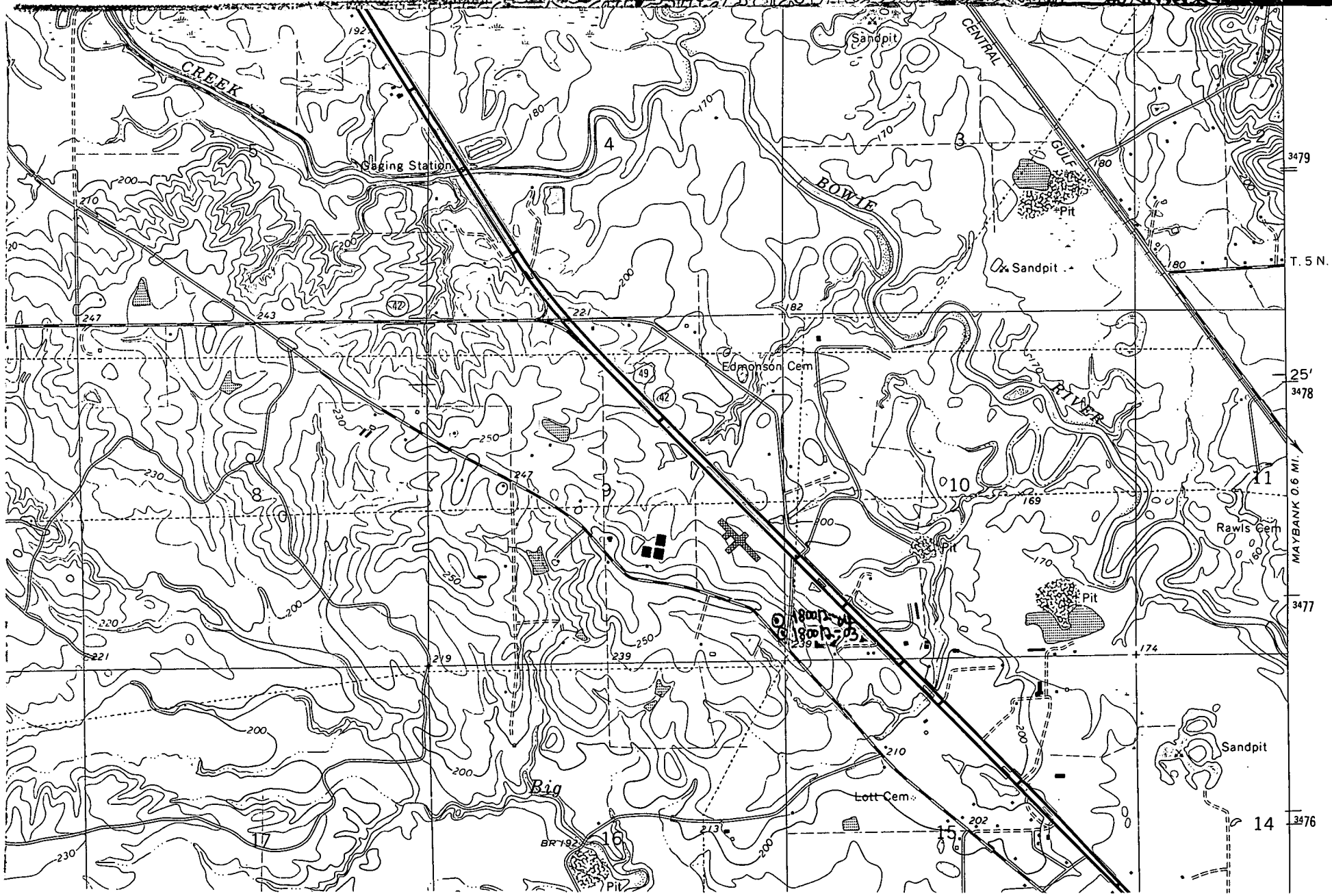
LOCATION DESCRIPTION: AT Elev Tank SW side of Hwy 49, 4 1/2
mi. NW of Intersection with I 59.
(well SE of Elev. Tank)

CASING DIA: 6" PUMP TYPE & SIZE: 30 HP Elec.

GPS FIELD LOCATION: LAT. 31° 24.326 LONG. 89° 23.985

GPS CORRECTED LOCATION: LAT. 31.405921 LONG. 89.399288

REMARKS: GPS at well
31.405921



3479

T. 5 N.

25'
3478

MAYBANK 0.6 MI.

3477

14 3476