

6/78 WSD

Recorded by WTO

Date 7/3/79

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

TRANSMITTED FOR ADP

Well No. H43
E-Log No. 81
County HANCOCK

Dead Tiger Creek
Quad

Site ID 3 0 2 2 5 7 0 8 9 3 6 0 5 0 2 R=0* T=A* 2=W*

Data reliab. 3=C Report. agency 4=USGS Dist. 6=28 7=28 Co. 8=0.4.5

Lat. Long. 9=30 2 2 5 7 10=0 8 9 3 6 0 5 Well No. 12=110.4.3

Location 13=N.W.S.W. S 33 T 0 7 S R 16 W Alt. 16=28

Hyd. Unit (OWDC) 20= Date 21=07.10.1.1980

Well use 23=W Water Use 24=N Hole depth 27=75.8 Well depth 28=68.8

WL 30=2 Date 31=07.10.1.1980 Source 33=D

Status 273= Project No. 5=

R=158* T=A* Date 159#07.10.1.1980 Owner No. T.H.#2 for well #

Owner 161# U.S. ARMY AMMP PLT

Ms Army Ammunition Plant MOCN

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=

R=58* T=A* 59#1* Date 60=07.10.1.1980 Remarks

Drig. 63=1.84 Name Griner Dwg Method 65=H Finish 66=S

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

Top csng. 77# 0 Bot. csng. 78=49.3 Diam. 79# 2.0

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

Top csng. 77# 40.3 Bot. csng. 78=50.3 Diam. 79# 1.0

R=82* T=A* 59#1* Top 83# 50.3 Bottom 84=68.8

Type 85=S Diam. 87=1.0 Size 88=.016

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

Type 85= Diam. 87= Size 88=

146 T=A* 147# 1 Q 150=1200 Q/S 272=

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

DATE 38= 07/01/1980 H.P. 46= 150. *

R=198* T= A * Log 199# E * Top 200= 10. * Bot 201= 75.8. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 75.5. *

R=189* T= A * E Log No. 190# 0.8.1 * 191= M I S S D I S T *

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

R=90* T= A * 256# 1 * Top 91= 49.6. * Bot 92= 68.6. *

Unit ID 93= 1.2.2.M.C.N. * Name of Unit MIocene

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

Unit ID 93= * Name of Unit

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

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

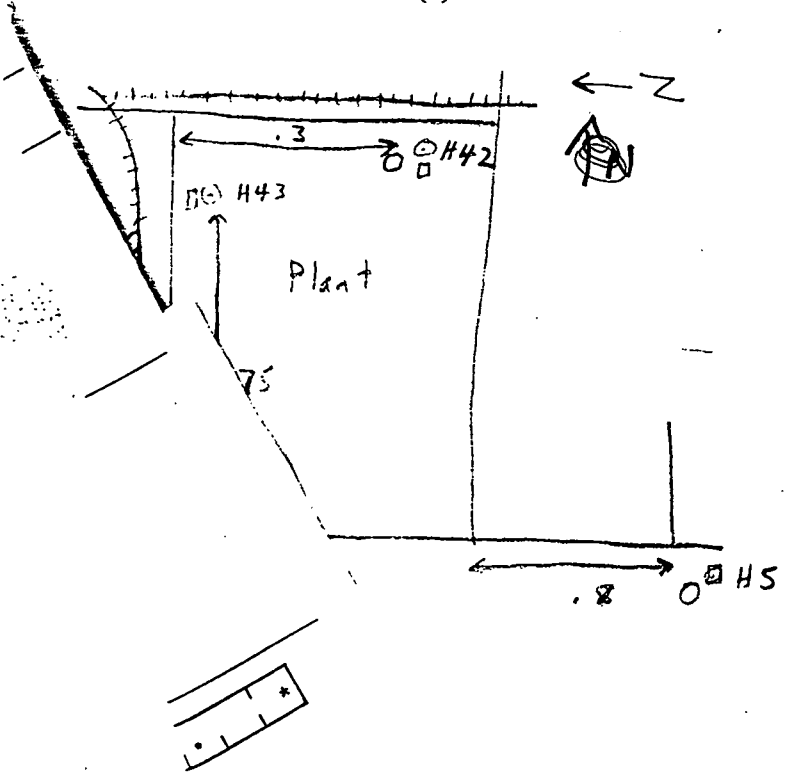
107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

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

Water Level Data Collection (1)



Description of formations encountered	from	to
CLAY	0	21
SAND + GYPSEUM, coarse	21	112
CLAY	112	234
SAND	234	316
CLAY and SAND STRATA	316	412
CLAY	412	476
SAND (Fine to Medium)	476	686
CLAY	686	755

TOP OF 10" LAP-405

LAP PIPE - 100 FT. INCLUDING SP. WT

20 FT. ON TOP OF SCREEN

Bot. of string 67.5 ft.

H-43

86092

RETURN COMPLETED FORM TO:
Bureau of Land and Water Resources
P.O. Box 10631
Jackson, Mississippi 39209
Telephone (601) 961-6200



APR 2 1986

For Office Use Only:	
County:	Hancock
Date Received:	4-2-86
Permit No:	MS-GW-02614
Quad Map:	Dead Sign Creek
Water Management Dist:	0
Hydrologic River Basin:	03170009

Department of Land and Water Resources
NOTICE OF CLAIM FOR CONTINUED USE OF SURFACE/GROUND WATERS FOR BENEFICIAL USE

Pursuant to the laws of the State of Mississippi, namely §51-3-5 (2) or (3), as amended, I, the landowner, _____

_____ Mississippi Army Ammunition Plant _____ GSA# MS213816123
 _____ (Name) _____ (S/S or Tax ID No.)
 P.O. Box 4000 _____ Stennis Space Center _____ 39529-0700
 _____ (Address) _____ Picayune _____ Mississippi 39466
 _____ (City or Town) _____ (State and Zip)
 (601) _____ 467-6927 _____ do hereby file claim for the continued use of: (circle one)
 _____ (Telephone Number)

surface water **ground water** for the following beneficial use: (circle one or more)
 municipal; irrigation; recreation; livestock water; fish culture; **industrial**

Other _____ (Specify)

1. Name & Address of agent or applicant if different from landowner.

 _____ (Name) _____ (S/S or Tax ID No.) _____ (Address)
 _____ (City or Town) _____ (State and Zip) _____ (Telephone Number)

2. Location of point of diversion/withdrawal (include location map with claim)

^{NW} ^{SW}
~~A~~ ~~1~~/~~4~~ of ~~A~~ ~~1~~/~~4~~ of Section 33, Township 7 South, Range 16 West, County Hancock

3. Volume of water diverted/withdrawn:

- (1) _____ acre feet per year, diverted/withdrawn at a maximum rate of _____ gallons per minute; or
- (2) ~~300~~ ¹⁵ million gallons per day, diverted/withdrawn at a maximum rate of 1500 gallons per minute.

4. Description of lands on which water will be used:

(a) Copy legal description of property upon which water is to be used (may be copied word for word from your deed).

Attach separate sheet if necessary _____

(b) Has the above described land any water right or source of water supply other than that herein applied for?

(Water Rights Number(s) _____) Describe the nature and amount of any additional supply _____

SECTION A (to be completed if source of water is from surface supply)

MOCN

1. Prior water rights permit/license number 10-27-92, dated 10-27-2002

2. Source of supply is lat: 30-23-30 which drains into Long: 89-36-35

Elev: 29

3. Description of diversion works:

(a) Water obtained directly from stream: _____ (Name)

Pump _____ (Size and type) Power Unit _____ (Size and type)

Lift _____ ft. Maximum capacity _____ gpm

(b) Storage reservoir _____ (Name)

Height of dam _____ feet. Surface area at normal pool _____ acres

Storage capacity at normal pool _____ acre feet

SECTION B (to be completed if source of water is from underground supply)

1. Source of supply: Miocene Age Formation aquifer(s)

2. Description of water well: #2

(a) Well data:

(1) Date well completed 1980
 (2) Depth drilled _____ feet
 (3) Type of completion Cemented
 (4) Surface elevation 29' feet

(b) Screen data:

(1) Depth to bottom 2' feet
 (2) Length 180' feet
 (3) Diameter 10' inches
 (4) Type SS
 (5) Slot .016 inches

(c) Casing data:

(1) Length(s) 400' feet; Diameter(s) _____ inches
 (2) Type 20" Diameter outer casing .438" Wall-Cemented

(d) Pump data:

(1) Type & Size Floway Turbine 12 FKH (2) Capacity 1500 gpm
 (3) No. stages 5 (4) Setting depth 145' feet
 Well Driller Grimer Drilling Services
 (Name of Company)

WATER USE DATA

1. IRRIGATION use: (a) Show number of acres to be irrigated by 40-acre blocks:

TOWN-SHIP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	

(b) List the acres to be irrigated: Rice _____; Cotton _____; Corn _____; Pasture _____; Truck _____;
 Other crops (_____) _____ acres.

2. If for MUNICIPAL use: (a) Present population _____, (based on 19____ Census)
 (b) Estimated average daily consumption during periods of maximum use at the end of each five-year period in next twenty years:
 _____ 19____; _____ 19____; _____ 19____; _____ 19____.

3. If for INDUSTRIAL use: (a) If water is to be released into a watercourse, indicate: Amount released each year 3MGD;
 rate of release _____; location of release point in reference to diversion point adjacent to well #1
(show location on map)

(b) Explain any change in quality of water to be released: Quality of water released in controlled under National Pollutant Discharge Elimination System permit.

4. If for RECREATIONAL use: Explain how water will be used _____

5. If for FISH CULTURE use: (a) Explain in detail how water will be used _____

(b) Number of times reservoir will be emptied and filled annually: _____

6. If for ANY OTHER use: (a) Explain in detail _____

REMARKS: Industrial use waters are used for plant process, cooling, fire protection sanitation and rinse waters throughout the facility

List below the name and address of person to be contacted for additional information, if required.

The accompanying map is hereby declared a part of this application.

Dana Materly Frank Lewis
(Name)
P. O. Box 4000
(Address)
Picayune, MS 39466

Dana Materly
(Signature)

Subscribed and sworn to before me this 18th day of March 19, 86, at MSAAP

County of Hancock, Mississippi. My commission expires 8/9/86

Mary Joy Jones Notary Public

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 8/20/96
UNIT DEQ #: 82859 FILE #: B082101A
HEALTH DEPT. #: 230052-01 ELEV. 28
USGS #: H-43 OLWR #: GW 18615 2614
OWNER: Miss Army Ammunition Plant QUAD: Dead Tiger Creek
LOCATION: NW-NW-SW S 33 T 7 S R 16 W COUNTY: Hancock
LOCATION DESCRIPTION: AT Bldg # 9124, North of Bldg # 9134 at SW
Corner of Intersection of Moses Cook Rd &
Andrew Jackson Rd. (Stennis Space Center.)
CASING DIA: 20" PUMP TYPE & SIZE: 150 HP Elec.
GPS FIELD LOCATION: LAT. 30° 23' 37.5" LONG. 89° 36' 44.2"
GPS CORRECTED LOCATION: LAT. 30.39346450 LONG. 89.61245267
REMARKS: GPS at Well.

HANDWRITTEN
 H-7443
 Log # 81
 1/180

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

CODED

WATER WELL DRILLERS LOG

1980 GRIMMER DRILLING SERVICE HANCOCK
 date well completed firm name county well located

LANDOWNER: CENTER CONSTRUCTION CO. (ARMY AMUNITION PLANT)	description of formations encountered	from	to
WELL NO. 1	CLAY	0	21
(mailing address)	SAND & GRAVEL, COARSE	21	114
WELL LOCATION: 1/4 NW 1/4 NW 1/4	CLAY	114	234
sec. 4 T. 8 N. R. 16 E.	SAND	234	316
(distance) miles (direction) of (nearest town)	CLAY and SAND STREAKS	316	412
WELL PURPOSE: (home, irrigation, municipal, industrial)	CLAY	412	496
WELL COMPLETION DATA:	SAND (Fine to Medium)	496	686
(1) diameter (inches) 20	CLAY	686	753
(2) total depth (feet) 688			
(3) static water level (feet) 2 below top of ground			
(4) casing Steel 493' (material) (depth)			
20" (size) If telescope see back			
(5) screen 185' (length) 503' (depth to top)			
10" 304 S.S. (0.016) (size) (material)			
(6) pump 150 (HP) 1200 (yield gpm)			
Elect. (type power)			
(7) electric log Yes (yes or no)			
MISS. GEOL. SURVEY (organization running log)			
(8) how well bottom plugged BACK WASH VALVE			
DRILLERS REMARKS:			

CODED

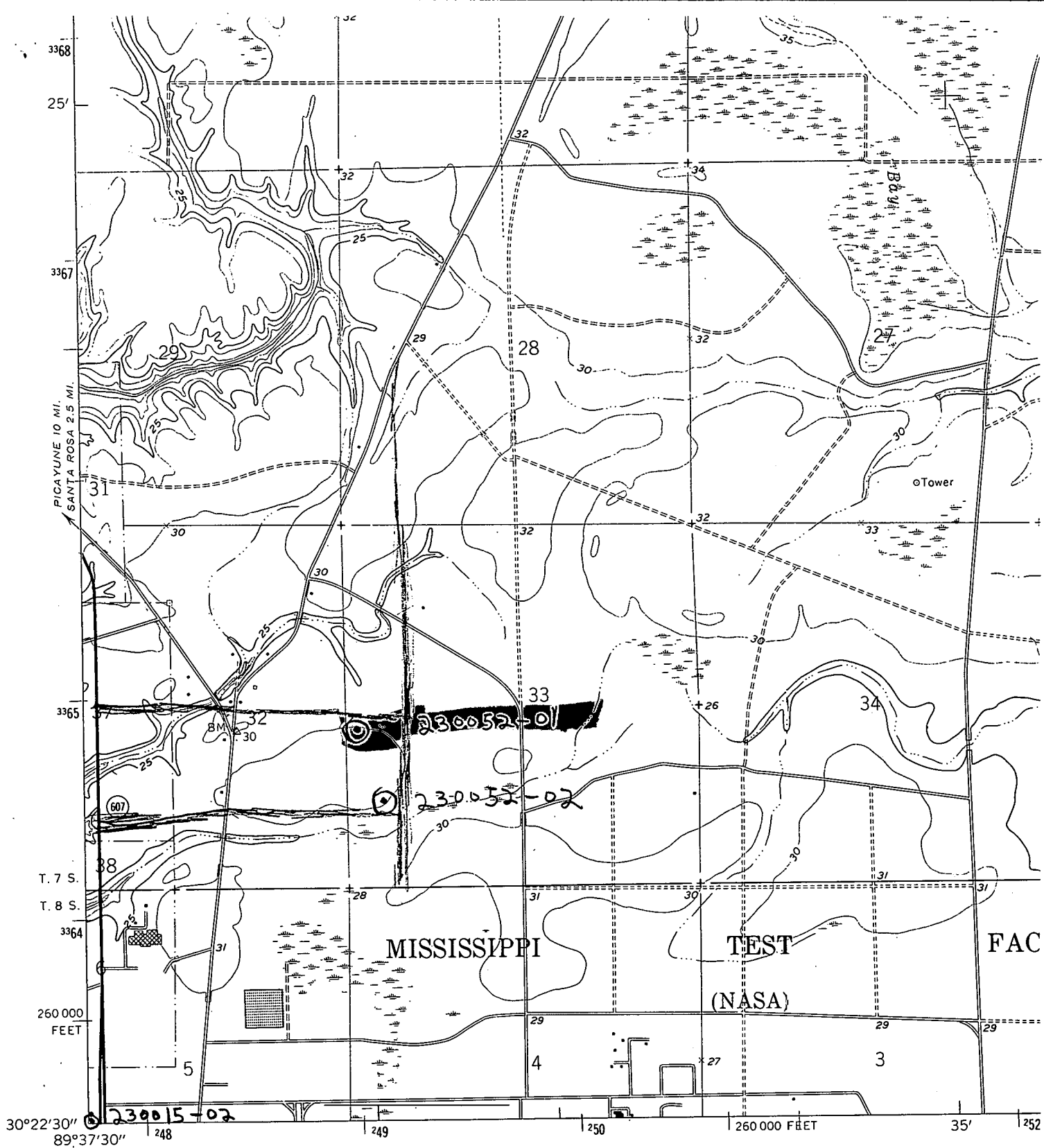
LAP PIPE - 100 FT. INCLUDES STAINLESS STEEL 20 FT. ON TOP OF SCREEN.

Bot. of string 693 ft.

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

JUL 22 1980

RECEIVED



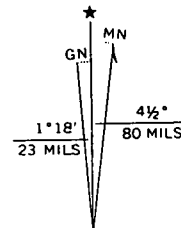
Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1954. Topography by planetable surveys 1957

Polyconic projection. 1927 North American datum
 10,000-foot grid based on Mississippi coordinate system, east zone
 1000-meter Universal Transverse Mercator grid ticks,
 zone 16, shown in blue

Revisions shown in purple compiled from aerial photographs taken 1970. This information not field checked



UTM GRID AND 1970 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

(HAASWOOD)
 3044 / SW