

GW00543
0450013-05
TRANSMITTED FOR ADP

229A

Recorded by ND
Date 5-8-86
Agency USGS

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. W69
E-Log No. 350
County Madison

WELL RECORD

Ridge land Quad

GENERAL DATA

Site Id 322514090080901 R=0* T=A* 2=W* Data reliab. 3=C* C U

Dist. 6=28* State 7=28* Co. 8=089* Lat. Long./ 9=322514* 10=0900809*

Well NO. 12=W069* Location 13=NE SW 30 T 07 N R 02 E* Alt. 16=350* A ✓

Hyd. Unit (OWDC) 20=G3180002* Date 21=1986105101* (YYYYMMDD) 17=M*

Agency Use 803=Q* Well Use 23=W* Water Use 24=P* Hole depth 27=1273* Well depth 28=4261* 1153

WL 30=258* Date 31=1986112130* Source 33=S* Flow 37=1*

Project No. 5= Completed
4/1/87 (Driller's log)

LIFT

R=42* T=A* 254#1* Date 38=1987101105* Lift Type 43#T* Intake 44=372*

Power Type 45=E* H.P. 46=150* (8" Gullun)

CONSTRUCTION

R=58* T=A* 723#1* Date 60=1987101105* Drig 63=455* Name HERNION

Method 65=H* Finish 66=G* Remarks

CASING OPENINGS

R=76* T=A* 725#1* 59#1* Top csng 77# 0* Bot. csng 78=1180* Diam. 79# 16*

R=76* T=A* 725#2* 59#1* Top csng 77# 1180* Bot. csng 78=1180* Diam. 79# 10*

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83# 1180* Bottom 84=1261* Type 85=S*

Diam. 87=10* Size 88=

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=1030* Bot 92=1190* Unit Id 98=24SPRT*

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= Hydraulic cond. (gal/d)/ft² 110= Storage coeff. Boundaries

ANAL. R=114* T=A* 706= QW* Year 115# 1986* 117= USGS* 120= B*

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

YIELD R=146* T=A* Flows/Pumped (circle one) 147#1* 148= 1987101105* 150= 930.1*
 Q/S 272= 114.3* @ 80#

OWNER R=158* T=A* 718#1* Date 159# 1987101105* Owner No. Well #5
 Owner 161# RIDGELAND | | | | | | | | | | | | | | | | | | | | *

FIELD ID R=189* T=A* 736#1* E-Log No. 190# 350* 191= M I S S I S S I D I S T *

FIELD QW R=192* T=A* 738#1* Date 193# 1986112130* Temp 196#00010* 197= 311.5*

R=192* T=A* 738#2* Date 193# 1986112130* Cond 196#00095* 197= 360.1*

R=192* T=A* 738#3* Date 193# 1986112130* pH 196#00400* 197= 8.4*

LOGS R=198* T=A* 739#1* Log 199# E* Top 200= 50.1* Bot 201= 1273.1*

R=198* T=A* 739#2* 199# D* 200= 10.1* 201= 1260.1*

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

184:

yellow clay	0	20
blue clay	20	375
Rock	375	376
sandy shale	376	380
sand - shale	380	420
sand - shell - clay	420	440
sandy clay	440	500
sand	500	530
sandy clay - shale	530	600
sand	600	740
clay	740	760
sandy clay	760	800
clay	800	860
rock	860	865
clay - rock	865	880
clay	880	900
rock	900	915
clay - sand	915	980
sandy clay - shale	980	1000
sand	1000	1160
sand - clay	1160	1220
clay	1220	1260

COPY

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Office of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

COUNTY WELL LOCATED	MADISON
WELL NUMBER	W69
CODED	
DATE WELL COMPLETED	4-87

PERMIT NUMBER	GW00543
NAME OF DRILLING FIRM	HERNDON WELL & SUPPLY

NAME & MAILING ADDRESS OF LANDOWNER	CITY OF RIDGELAND P.O. BOX 217 RIDGELAND, MS. 93158
Latitude:	
Longitude:	
WELL LOCATION	BEC 30 19 7 (N) 2 (E) S
DISTANCE	DIRECTION NEAREST TOWN
Other Landmark	School Street Well
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.	NEW WELL

PUMP DATA
PUMP TYPE (Circle One): Submersible, (Turbine,) Jet Flowing Well, Other (Describe)
POWER TYPE (Circle One): (Electric,) Tractor, Diesel, Gasoline, Butane, Other (Describe) H/P 150

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
YELLOW CLAY	0	20
BLUE CLAY	20	375
ROCK	375	378
SANDY SHALE	376	380
SAND & SHELL	380	420
SAND SHELL & CLAY	420	440
SANDY CLAY	440	500
SAND	500	540
SANDY CLAY & SHALE	540	600
SAND	600	740
CLAY	740	760
SANDY CLAY	760	800
CLAY	800	860
ROCK	860	865
CLAY & ROCK	865	880
CLAY	880	900
ROCK	900	915
CLAY & SAND	915	980
SANDY CLAY & SHALE	980	1000
SAND	1000	1160
SAND & CLAY	1160	1220
CLAY	1220	1260

WELL DATA		
Well Depth	Casing Diameter (In.)	Casing Length (Ft.)
1153	16"	1072'
Type of Casing	Hole Depth	Depth to Start Water Level
API 5LB STEEL	260'	
TYPE OF COMPLETION: (Circle One or More): (Gravel Packed) (Underreamed,) Telescoped, Natural Development, Open Hole, Other (Describe)		
WELL GROUTED TO A DEPTH OF 1072 FEET Type Grout (circle one): (Cement) Bentonite, or Mix		

SCREEN DATA		
Diameter - Inches	Length - Feet	Slot Size - Inches
10"	80.90	.020
Screen Type	Depth to Bottom - Feet	
JOHNSON SS	115' 3	

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

Michael E. Hand 021
Signature of Licensed Driller and License No.

6-24-03
Date

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL

SECTION _____

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth	
936	8	372	FT.
PUMP TEST			
Well yielded <u>936</u> GPM with			
a drawdown of <u>65</u> ft.			
after _____ hours of pumping			

LOG DATA

TYPE OF LOG RUN (Circle One):		No Log Run
Electric	(Gamma Ray.)	Density, Sonic, Neutron,
Other (Describe) _____		
Name of Organization Running Log _____		
STATE _____		

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. Elev.	Date	Analysis	As of Year

Driller's Remarks

If more than one screen, show location of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AK DATE: 9/13/94

UNIT DEQ #: 84090 FILE #: B091315A

HEALTH DEPT. #: 450013-05 ELEV. 350

USGS #: W69 OLWR #: GW00543

OWNER: City of Ridgeland QUAD: Ridgeland

LOCATION: NW/NE S30 T7N R2E COUNTY: MADISON

LOCATION DESCRIPTION: well located behind clover and
pumphouse.

CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 140 HP

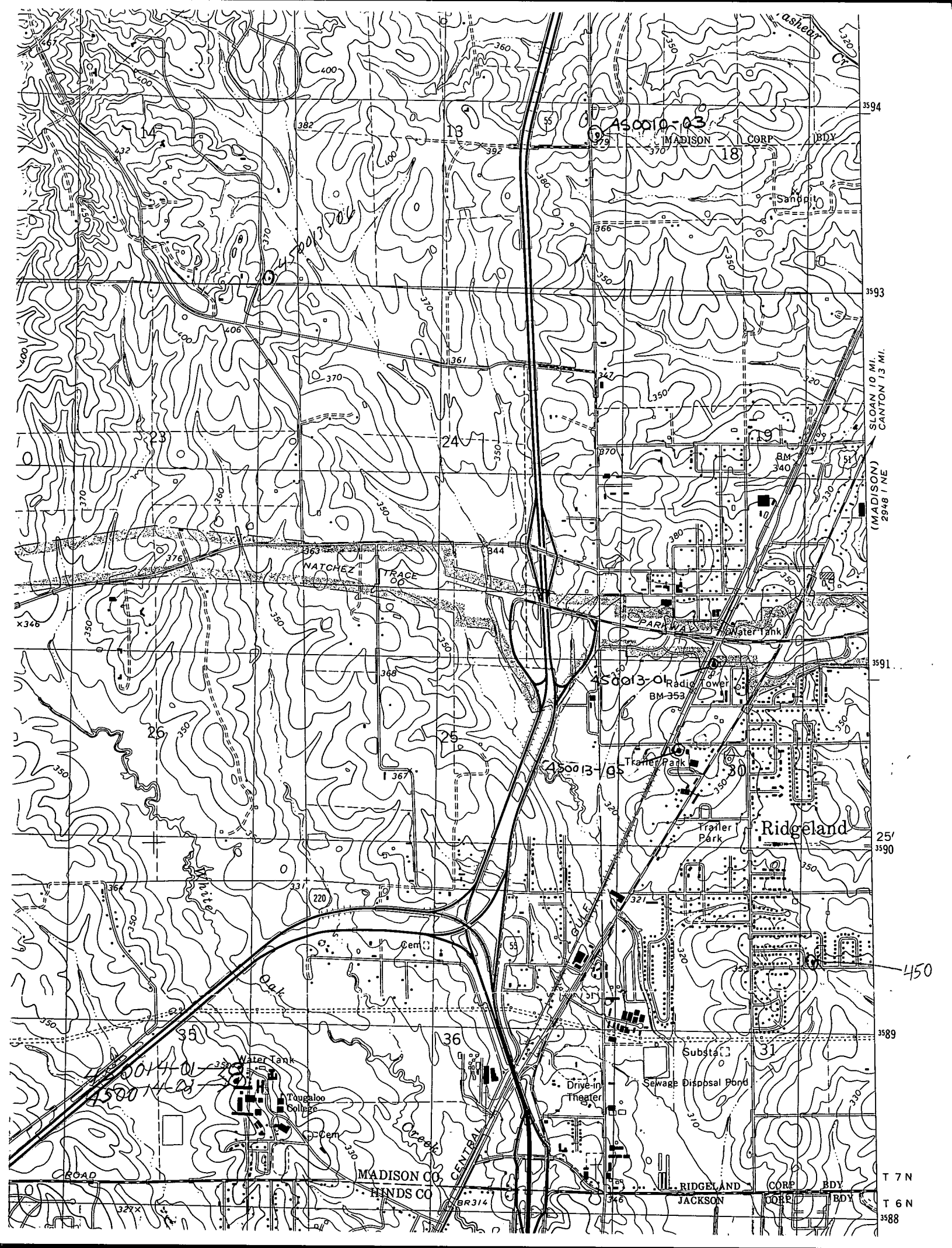
GPS FIELD LOCATION: LAT. 32.25.223N LONG. 90.08.164W

GPS CORRECTED LOCATION: LAT. 32.42055075 LONG. 90.13616393

REMARKS: next to maintenance shop on school st. off
Hwy 51.

.5 mi. MAD. Rd.

T. Lion W. Jackson



450010-03

MADISON CORP BDY

Sandpits

NATCHEZ TRACE

450013-04
Radio Tower
BM 353

450013-05
Trailer Park

Ridgeland

450014-01
Water Tank
Tougaloo College
Cem

MADISON CO
HANDS CO

RIDGELAND CORP BDY
JACKSON CORP BDY

3594

3593

3591

25'
3590

3589

T 7 N

T 6 N

3588

SLOAN 10 MI.
CANTON 13 MI.
(MADISON)
2948 1 NE

450



Target is 32° 25' 14"N, 90° 08' 10"W - RIDGELAND quad [Quad Info]

