

3579pm Gw11129
3610001-02
TRANSMITTED FOR ADP

Johns Quad
7/31/96

Coded By Q 12/88
Checked By _____
Entered By _____
Date _____

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 649
County RANKIN
Agency _____

Well No. N39
E-Log # 649

2506

WELL RECORD

Agency Code U S G I S		Site Id 132115101061891416201011				Project No. 5111111111			
Station Name 12-NO3191 AICLI WA IA						Latitude 9-3121151010		Longitude 10-08191416210	
Lat/Long Ac. 11-(S) F T M		Dist 6-28	State 7-28	County 8-11211		SE NW Land Net 13-NWNE1S27T105N1R105E1			
Location Map 14-061HWIS1				Altitude ⁴⁸³ 16-483		Met/Meas 17-A L M	Accuracy 18-1101	Hydrologic Unit 20-031181010102	

Agency Use 803-A I O		Date Inventoried 711-121 / 122 / 119181		Station Type Y		Data Type 804			
Instru. 805	Remarks 806				Relia. 3-C L M U		2-M X		
Date of Construction 21-121 / 122 / 119181		Well Use 23-W	Water Use 24-P	Primary Aquifer 714-124SPRT1		Hole Depth 27-135101			
Well Depth 28-12179		Water Level 30-318	WA Water Level Date 31-04 / 01 / 119181		Method 34-1	Status 37-1	Source 33-D1		

CONSTRUCTION DATA

R=58	T=A	723#1	Construction Date 60-04 / 01 / 119181		Contractor 63-455	Name Herndon	Method 65-H	Finish 66-G
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CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	Top/Casing 77-110	Bot/Casing 78-12444	Diameter 79-1121
R=76	T=A	725#2	59#1	Top/Casing 77-11178	Bot/Casing 78-12444	Diameter 79-181

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	Top/Depth 83-12444	Bot/Depth 84-12799	Diameter 87-181	Type 85-S	Length 89-111	Width 88-111
R=82	T=A	726#2	59#1	Top/Depth 83-11111	Bot/Depth 84-11111	Diameter 87-111	Type 85-1	Length 89-111	Width 88-111

CONSTRUCTION LIFT DATA

R=42	T=A	254#1	Lift Type 43-T1	Date 38-04 / 01 / 119181		Intake 44-146101
Power 45-E1	H.P. 46-115	Serial No. 49-1111111111				

MISCELLANEOUS OWNER DATA

R=158	T=A	718#1	Date of Ownership 159-04 / 01 / 119181		Owner Name 161-AICLI WA IA			
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MISCELLANEOUS OTHER ID DATA

R=189	T=A	736#1	E-Log No. 190-1191	Assigner 191-M I S S I D I S T			
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MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934 11 / 031 / 11 19 89 *	Aquifer Sampled 195 124 SPIRIT 1 *	Temp 196#00010	Value 197 301 451 *
R=192	T=A	738#2	Date of Measurement 1934 / / / / / / / / *	Aquifer Sampled 195 / / / / / / / / *	Sp Cond 196#00095	Value 197 / / / / / *
R=192	T=A	738#3	Date of Measurement 1934 / / / / / / / / *	Aquifer Sampled 195 / / / / / / / / *	pH 196#00400	Value 197 / / / / *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199 E *	Beg. Depth 200 / / / / / *	End Depth 201 / / / / / *
R=198	T=A	739#1	Log Type 199 D *	Beg. Depth 200 / / / / / *	End Depth 201 1359 / *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Beg. Year 115 1 9 / / *	End Year 116 1 9 / / *	Agency Source 120=A 117# / / / / *	Freq. 118 / / *
R=121	T=A	730#2	Beg. Year 115 1 9 / / *	End Year 116 1 9 / / *	Agency Source 117 / / / / *	Freq. 118 / / *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 / / / / / / / / *	Remarks 185 / / / / / *
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DISCHARGE DATA

R=146	T=A	Pump Flow 147#1	Date 148 04 / 01 / 11 19 89 *	Type 703 P	Discharge 150 / 1357 / *	Sp. Capacity 272 / 15 15 *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 / 1235 / *	Depth Bot. 92 / 1290 / *	Unit Id 93 / 124 SPIRIT /	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100 / / / / / / / / *	103 / / *
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43' dd @ 200gpm

Description of functions encountered	ft	in
Top Soil	0	25
Yellow Clay	25	60
Sand - Gravelly Sand	60	140
Sandy Clay	140	215
Clay - Sand Gravel	215	280
Sand	280	1075
Clay - Sand Gravel	1075	1185
Sand - Gravel	1185	1190
Sand - Gravel Sandstone	1190	1285
Sand	1285	1310
Clay	1310	1360

RANKIN
N 39
4-1-89

CODED

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

April 1985 19 HERNDON WELL SUPPLY INC RANKIN
 date well completed firm name county well located

LANDOWNER: <u>A C L WARD ASSN</u>	description of formations encountered	from	to
(mailing address)			
WELL LOCATION: sec. <u>27</u> T. <u>S</u> N. R. <u>5</u> E	<u>YALOD CLAY</u>	<u>25</u>	<u>200</u>
<u>4</u> miles <u>S</u> of <u>PEARL RIVER</u>	<u>SAND - SANDY CLAY</u>	<u>200</u>	<u>400</u>
(distance) (direction) (nearest town)	<u>SANDY CLAY</u>	<u>400</u>	<u>895</u>
WELL PURPOSE: <u>municipal</u> (home, irrigation, municipal, industrial)	<u>CLAY - SAND STREAMS</u>	<u>895</u>	<u>980</u>
WELL COMPLETION DATA:	<u>SAND</u>	<u>980</u>	<u>1075</u>
(1) diameter (inches) <u>12</u>	<u>CLAY - SAND STREAMS</u>	<u>1075</u>	<u>1135</u>
(2) total depth (feet) <u>1279</u>	<u>SANDS - CLAY</u>	<u>1135</u>	<u>1170</u>
(3) static water level (feet) <u>318</u> below top of ground.	<u>SHALE CLAY SANDS</u>	<u>1170</u>	<u>1235</u>
(4) casing <u>STEEL</u> <u>1244</u> (material) (depth)	<u>SAND</u>	<u>1235</u>	<u>1290</u>
<u>12</u> if telescope see back. (size)	<u>CLAY</u>	<u>1290</u>	<u>1350</u>
(5) screen <u>35.58</u> <u>1244</u> (length) (depth to top)			
<u>8</u> <u>S. STEEL</u> (size) (material)			
(6) pump <u>7.5</u> <u>357</u> (HP) (yield gpm)			
<u>ELECTRIC</u> (type power)			
(7) electric log <u>YES</u> (yes or no)			
<u>HERNDON WELL</u> (organization running log)			
(8) how well bottom plugged <u>Bottom came</u>			
DRILLERS REMARKS:			

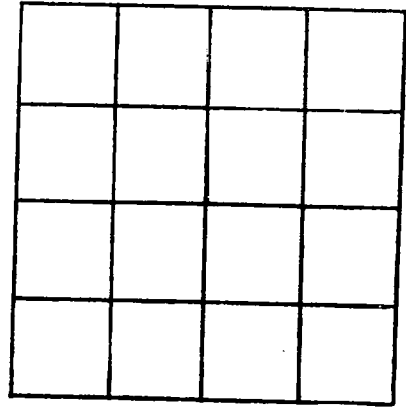
RECEIVED

DEC 08 1989

Department of Natural Resources
 Bureau of Land & Water Resources

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

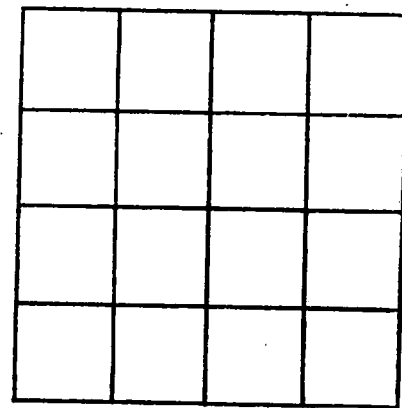
ADDITIONAL INFORMATION

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

(7)

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

A series of horizontal lines for recording additional information, located below the 'ADDITIONAL INFORMATION' header.

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips / Hardin DATE: 7/31/96

UNIT DEQ #: _____ FILE #: A073117A

HEALTH DEPT. #: 610001-02 ELEV. 483'

USGS #: N39 OLWR #: Gw11129

OWNER: ACL W.A. QUAD: Johns

LOCATION: NW/NE S 27 T 5N R 5E COUNTY: Rankin

LOCATION DESCRIPTION: At elevated tank on west side of
HWY 43 ^{just barely} north of intersection w/crossroads rd

CASING DIA: _____ PUMP TYPE & SIZE: Turbine / 75 HP

GPS FIELD LOCATION: LAT. 32° 15.011' N LONG. 89° 46.298' W

GPS CORRECTED LOCATION: LAT. 32.24979631 LONG. 89.77141475

REMARKS: Measured 25' east of well

GPS

JOHNS QUADRANGLE MISSISSIPPI-RANKIN CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

3008 1 SW
(MORTON)

N39

01-22 16 MI. TO MISS. 481
PELAHATCHIE 5 MI.

47'30"

670 000 FEET

240

89° 45'

32° 15'



630 000
FEET

T. 5 N.
T. 4 N.

12'30"

3566
MISS. 13