

Waldrup Quad

Coded By Q 692
Checked By 130 62707-92
Entered By 130 62707-92
Date 12/92

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 294
County JASPER
Agency

Well No. P53
2738

MS DOH
310010-03
GW-
14161

WELL RECORD

Agency Code <u>U S G I S</u>	Site Id <u>14311531601018191011560111</u>	Project No. <u>54</u>
Station Name <u>12 P053 PHILADELPHIA WIA</u>	Latitude <u>9 31151315101</u>	Longitude <u>10 018191011516</u>
Lat/Long Ac. <u>11 S F T M</u>	Disc <u>6=29</u>	State <u>7=29</u>
County <u>8=01611</u>	Land Net <u>13 NE SE S216 T011 N R112 E</u>	
Location Map <u>14 WALDRUP</u>	Altitude <u>16 445</u>	Met/Meas <u>17 A L</u>
Accuracy <u>18 1101</u>	Hydrologic Unit <u>20 103117010151</u>	
Agency Use <u>903 A</u>	Date Inventoried <u>711 / /</u>	Station Type <u>4</u>
		Data Type <u>804</u>

Instru. <u>805</u>	Remarks	Relia. <u>3 C L M U</u>	<u>2 X</u>
Date of Construction <u>21 05 / 21 / 1992</u>	Well Use <u>23 W</u>	Water Use <u>24 P</u>	Primary Aquifer <u>714 124 C K A</u>
Hole Depth <u>27 16102</u>			
Well Depth <u>29 1541</u>	Water Level <u>30 2211</u>	Water Level Date <u>31 10 / 10 / 1992</u>	Method <u>34</u>
Status <u>37</u>	Source <u>33 D</u>		

CONSTRUCTION DATA			
R=58	T=A	723#1	60 10 / 10 / 1992
Construction Date		Contractor	
Name <u>A-1 Dig</u>		Method <u>65 H</u>	Finish <u>66 61</u>

CONSTRUCTION CASING DATA			
R=76	T=A	725#1	59#1
Top/Casing <u>77 1101</u>	Bot/Casing <u>78 14912</u>	Diameter <u>79 10</u>	
R=76	T=A	725#2	59#1
Top/Casing <u>77 14314</u>	Bot/Casing <u>78 14915</u>	Diameter <u>79 16</u>	

CONSTRUCTION OPENINGS DATA						
R=82	T=A	726#1	59#1	83 4915	84 1541	87 16
Top/Depth	Bot/Depth	Diameter		Type <u>85 S</u>	Length <u>89</u>	Width <u>88 101151</u>
R=82	T=A	726#2	59#1	83	84	87
Top/Depth	Bot/Depth	Diameter		Type <u>85</u>	Length <u>89</u>	Width <u>88</u>

CONSTRUCTION LIFT DATA			
R=42	T=A	254#1	Lift Type <u>43 S</u>
Date <u>38 10 / 01 / 1992</u>	Intake <u>44 13791</u>		
Power <u>45 E</u>	H.P. <u>46 1501</u>	Serial No. <u>49</u>	

MISCELLANEOUS OWNER DATA			
R=158	T=A	718#1	159 10 / 10 / 1992
Date of Ownership		Owner Name <u>161 PHILADELPHIA WIA</u>	

MISCELLANEOUS OTHER ID DATA			
R=199	T=A	736#1	190 294
E-Log No.	Assigner <u>191 M I S S I D I S T</u>		

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement	1934	Aquifer Sampled	1954	Temp	196#00010	Value	1974
R=192	T=A	738#2	Date of Measurement	1934	Aquifer Sampled	1954	So Cond	196#00095	Value	1974
R=192	T=A	738#3	Date of Measurement	1934	Aquifer Sampled	1954	pH	196#00400	Value	1974

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type	199#E	Sec. Depth	2004 6	End Depth	2014 6 0 0
R=198	T=A	739#1	Log Type	199#D	Sec. Depth	2004 0	End Depth	2014 4 6 0

MISCELLANEOUS NETWORK DATA 706 = Qw WL WD *

R=114	T=A	730#1	Sec. Year	1154 4 4	End Year	1164 4 4	Agency Source	120=A	117#	Freq.	118#
R=121	T=A	730#2	Sec. Year	1154 4 4	End Year	1164 4 4	Agency Source	117#	Freq.	118#	

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks	184# 1 0 / 0 1 / 1 1 9 9 2	Remarks	185# MSGW - 14161
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DISCHARGE DATA

R=146	T=A	Pump/Flow	147#1	Date	148# 1 0 / 1 0 1 / 1 1 9 9 2	Type	703#(P)	Discharge	150# 3 5 6	So. Capacity	272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91# 4 1 8 2	Depth Bot.	92# 5 4 0	Unit Id	93# 1 2 4 C C K F	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100#	103#
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67' dd @ 356 gpm (24 hrs)

DATE	TIME	DESCRIPTION	REMARKS
11	11	11	
12	12	12	
13	13	13	
14	14	14	
15	15	15	
16	16	16	
17	17	17	
18	18	18	
19	19	19	
20	20	20	
21	21	21	
22	22	22	
23	23	23	
24	24	24	
25	25	25	
26	26	26	
27	27	27	
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32	32	32	
33	33	33	
34	34	34	
35	35	35	
36	36	36	
37	37	37	
38	38	38	
39	39	39	
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67	67	67	
68	68	68	
69	69	69	
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74	74	74	
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86	86	86	
87	87	87	
88	88	88	
89	89	89	
90	90	90	
91	91	91	
92	92	92	
93	93	93	
94	94	94	
95	95	95	
96	96	96	
97	97	97	
98	98	98	
99	99	99	
100	100	100	

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 JASPER		PERMIT NUMBER 14161
WELL NUMBER P 53	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM A-1 DRLG SERV. INC
DATE WELL COMPLETED OCT, 1992		LAUREL, MS

NAME & MAILING ADDRESS OF LANDOWNER
PHILADELPHIA WATER ASSN
PO. Box 484
HEIDELBERG, MS

WELL LOCATION: SEC **26** TOWNSHIP **1 N** RANGE **12 E**

DISTANCE **2** Miles **W** of **H'BERG**

OTHER LANDMARK

WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc.

PUMP DATA

PUMP TYPE (Circle One): Submersible Turbine, Jet, Flowing Well, Other (Describe)

POWER TYPE (Circle One): Electric Tractor, Diesel, Gasoline, Butane, Other (Describe) **50 H/P 480V**

Pump Capacity (GPM)	No. of Stages	Setting Depth
350 @ 435	4	379 FT.

PUMP TEST

Well yielded **356** GPM with a drawdown of **67** ft. after **24** hours of pumping

WELL DATA **G.L.**

Well Depth 541'	Casing Diameter (In.) 10 3/4	Casing Length (Ft.) 492
Type of Casing BL T&C	Hole Depth 543	Depth to Static Water Level 221'

TYPE OF COMPLETION: (Circle One or More): Gravel Packed, Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe)

WELL GROUTED TO A DEPTH OF **490** FEET
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One): Electric Gamma Ray, Density, Sonic, Neutron, Other (Describe)

Name of Organization Running Log
Bureau of Geology

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Name
Subs. SWL	Date	Analysis

Driller's Remarks
5/27/92

SCREEN DATA

Diameter - Inches 6 (PS)	Length - Feet 46.76	Slot Size - Inches .015
Screen Type S.S. Bar weld	Depth to Bottom - Feet 541	

OCT 30 1992

Dept. of Environmental Quality
Bureau of Land & Water Resources

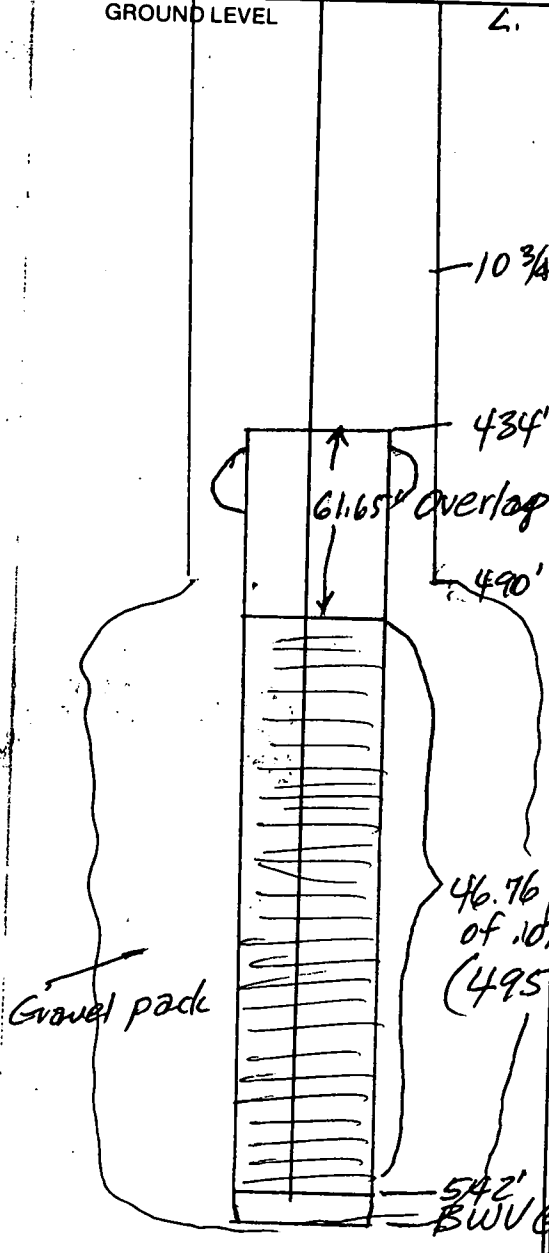
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Top soil	0	1	Hard streak	125	125 1/2
Clay, red, sandy	1	26	Clay, gray, stiff	125 1/2	165
Clay, orange	26	32	Bentonite	165	166
Clay, tan	32	53	Clay, gray	166	175
Clay, gray	53	59 1/2	Bentonite	175	176
Limestone	59 1/2	60	Clay, gray	176	265
Clay	60	60 1/2	Clay, gray, sandy	265	373
Limestone	60 1/2	61	Clay, stiff	373	375
Clay, lt gray	61	90	Clay, sandy	375	423
Clay, green, sea shells	90	96	Limestone w/ clay sfts	423	460
Clay, gray	96	125			

IF MORE SPACE IS NEEDED, USE BACK

If well telescopes please sketch and show depths.

GROUND LEVEL G
L.

			X



SECTION 26

Please indicate well location X.

ADDITIONAL INFORMATION

- 460-468 - Sand & Clay
- 468-481 - Clay, brnwd
- 481-490 - Sand
- 490-495 - Sand & Clay mixed
- 495-541 - Sand
- 541-546 - Clay, sandy
- 546-549 - Clay, gray
- 549-549 1/2 - Rock
- 549 1/2-602 - Clay

46.76 ft
of 10 5/8 555 x 6" PS
(495' - 543')

542'
BWV @ 543'

Gravel pack

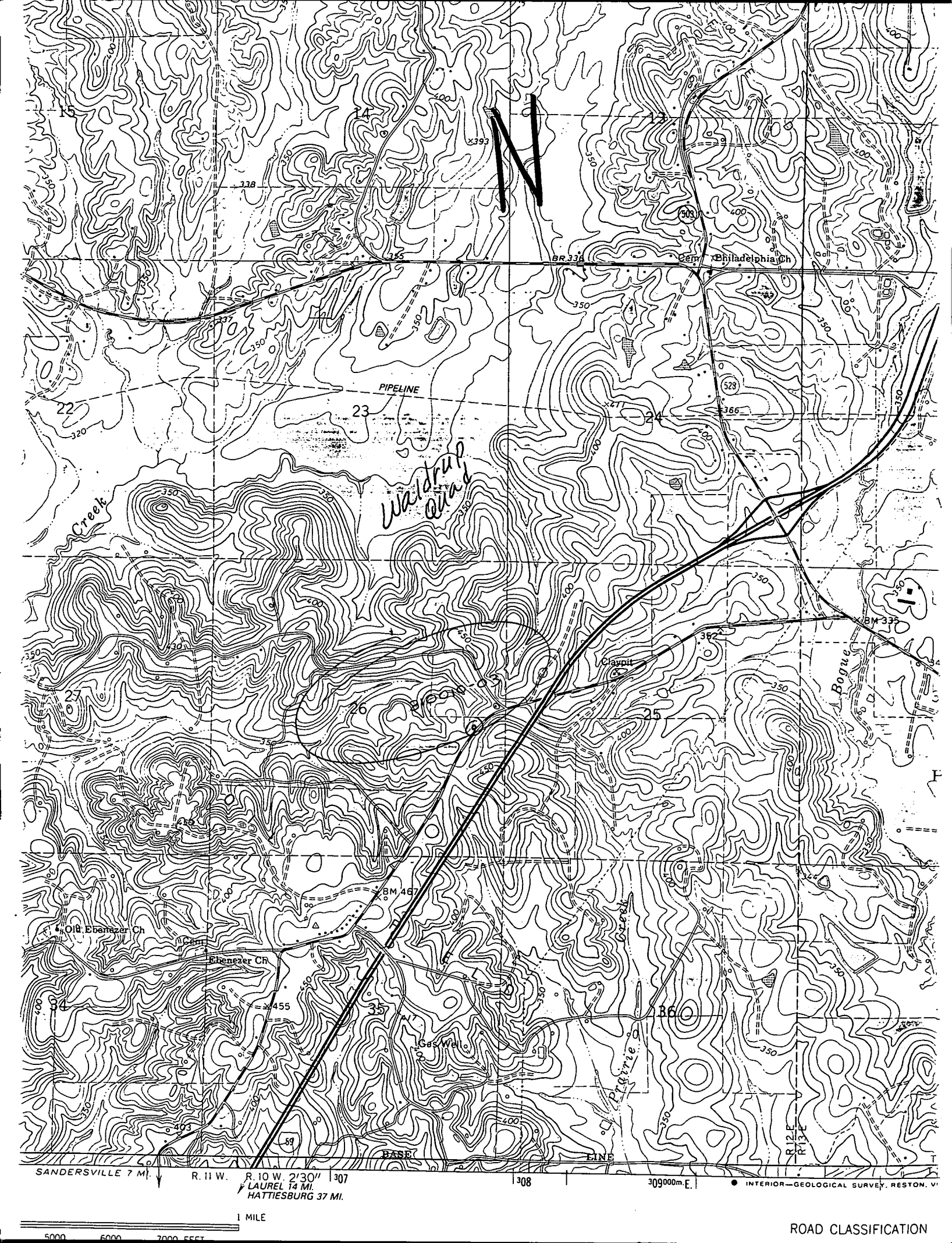
If more than one screen,
show location of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 4/15/98
UNIT DEQ #: _____ FILE #: B041519A
HEALTH DEPT. #: 310010-03 (No tag) ELEV. 445
USGS #: P53 OLWR #: GW-14161
OWNER: Philadelphia In.A QUAD: Walarup
LOCATION: NE/SE S26 T1N R12E COUNTY: Jasper
LOCATION DESCRIPTION: On City Rd 8 1.3 miles from Hwy 528

CASING DIA: _____ PUMP TYPE & SIZE: Submersible
GPS FIELD LOCATION: LAT. 31°53'52.2" LONG. 89°01'56.6"
GPS CORRECTED LOCATION: LAT. 31.897469 LONG. 89.032173
REMARKS: Measured 6' from well



N

Philadelphia Ch

PIPELINE

Waldrop Quad

Creek

Claypit

Bogue

Old Ebenezer Ch

Ebenezer CR

Gas Well

SANDERSVILLE 7 MI. R. 11 W. R. 10 W. 2'30" 307 LAUREL 14 MI. HATTIESBURG 37 MI.

309000m.E

INTERIOR-GEOLOGICAL SURVEY, RESTON, VA

1 MILE

ROAD CLASSIFICATION

5000 6000 7000 FEET