

Lowndes



Coded By Q 397  
Checked By \_\_\_\_\_  
Entered By \_\_\_\_\_  
Date \_\_\_\_\_

U.S. GEOLOGICAL SURVEY  
WATER RESOURCE DIVISION  
MISSISSIPPI DISTRICT

Well No. A40  
Log No. \_\_\_\_\_  
County LOWNDES  
Agency \_\_\_\_\_

WELL RECORD

Agency Code: U151C15 Site Id: 3337580882164160111 Project No.: 5111111111

Station Name: 12 COLUMBIAN AFB Latitude: 3337581 Longitude: 10481241601

Latitude Sec: 12 SE Dist: 625 State: 7259 County: 018171 Land Net: 15 NINE 53211169 R110W 23

Location Map: 16 HAMILTON Altitude: 2016 Max/Meas: 37 2 LG Accuracy: 12 1 IS Hydrologic Unit: 20 031601101

Agency Use: 803 AT 0 Date Invented: 711 11/11/11 Station Type: 4 1111 Y Data Type: 804 1111111111111111

Instn: 805 1 Remarks: \_\_\_\_\_ Reils: 3 CL N 0 24 2

Date of Construction: 21 01/28/1993 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714 21160R01 Hole Depth: 37 1510

Well Depth: 22 1110 Water Level: 30 145 71 Water Level Date: 32 01/128/1993 Method: 34 1 Status: 37 1 Source: 35 D

CONSTRUCTION DATA

Construction Date: 01/28/1993 Contractor: 55 1111 Name: Warren George Method: 58 H Finish: 60 G

CONSTRUCTION CASING DATA

Top/Casing: 72512 Bot/Casing: 5912 Diameter: 77 7 101

Top/Casing: 72512 Bot/Casing: 77 34101 Diameter: 72 11301

Top/Casing: 72512 Bot/Casing: 5912 Diameter: 77 34101

CONSTRUCTION OPENINGS DATA

Top/Depth: 72512 Bot/Depth: 5912 Diameter: 53 11301 Type: 55 S Length: 56 1111 Width: 58 10401

Top/Depth: 72512 Bot/Depth: 54 1111 Diameter: 57 1111 Type: 55 1 Length: 56 1111 Width: 58 1111

CONSTRUCTION LEFT DATA

Left Type: 43 11 Date: 32 01/28/1993 Intake: 33 1111

Power H.P. 45 4 Serial No. 46 129 111

MISCELLANEOUS OWNER DATA

Date of Ownership: 15 01/28/1993 Owner Name: 161 COLUMBIAN AFB

MISCELLANEOUS OTHER ID DATA

E-Log No. 190 111 Assigment: 191 11115151011511

R=192	T=A	73871	Date of Measurement	1974	Acquifer Sampled	1954	Temp	196700010	Value	1974
R=192	T=A	73872	Date of Measurement	1974	Acquifer Sampled	1954	So Cond	196700095	Value	1974
R=192	T=A	73873	Date of Measurement	1974	Acquifer Sampled	1954	pH	196700000	Value	1974

MISCELLANEOUS LOGS DATA

R=192	T=A	73941	Log Type	1994	Sec. Depth	200	End Depth	201
R=192	T=A	73942	Log Type	1994	Sec. Depth	200	End Depth	201

MISCELLANEOUS NETWORK DATA

R=194	T=A	75091	Sec. Year	1954	End Year	1964	Agency Source	1179
R=194	T=A	75092	Sec. Year	1954	End Year	1964	Agency Source	1179

MISCELLANEOUS REMARKS DATA

R=193	T=A	71121	Date of Remarks	1964	Remarks	1965
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DISCHARGE DATA

R=146	T=In	Pump/Flow	14741	Date	200-01-28-1993	Type	703	Discharge	1504	350	So. Density	14.7
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GEOMORPHOLOGIC DATA

R=90	T=A	72141	Depth Top	51	Depth Bot.	52	Unit Id	9-211161010	30a
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HYDRAULIC DATA

R=78	T=In	73041	Unit Tested	100	103
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4.7 gpm/ft @ 2 hrs.

350 gpm @ 225 TDH  
 6 stage 1750 RPM

- 0-18 T soil + fill
- 18-29 Gravel coarse
- 30-60 Blue clay
- 60-100 Clay + shale
- 100-120 Sd + Clay
- 120-130 Clay blue
- 130-170 Shale + Clay
- 170-190 Gravel coarse
- 190-230 Clay + gravel
- 170-230 Clay blue
- 230-240 Sd + Clay
- 240-250 Sd + black shale
- 250-260 Black shale
- 260-270 Sd
- 270-290 Sd + shale
- 280-290 Sd + Clay
- 290-310 Sd + shale
- 310-370 Clay
- 370-390 Sd
- 390-410 Sd + red Clay
- 410-420 Sd
- 410-420 gravel small + Clay
- 420-430 gravel + Clay
- 430-450 Sd
- 450-460 Sd very coarse
- 460-470 gravel large
- 470-480 sand
- 480-490 Sd + Clay
- 490-550 mostly red Clay

