

GW14857
0820012-03

Coded By 0992
Checked By JKL 08-13-93
Entered By JKL
Date 8/93
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 429
County YAZOO
Agency

Well No. Q30

WELL RECORD

Satartia Quad

Agency Code: U S G S Site Id: 132140130903237011 Project No.: 51

Station Name: 12 SATARTIA Latitude: 9 32140131 Longitude: 10 09103213171

Lat/Long Ac.: 11 S F T M Dist: 6=28 State: 7=28 County: 8=11631 Land Use: SW Land Net: 13 SW NE S 31 11 11 10 N 1 R 10 31 W 1

Location Map: 14 SATARTIA Altitude: 16 11121 Met/Meas: 17 A L M Accuracy: 18 15 Hydrologic Unit: 20 0810310210161

Agency Use: 803 A I O Date Inventoried: 711 / / Station Type: 4 Data Type: 804

Instru.: 905 Remarks: 806 Relia.: 3 C L M U 26 X WA

Date of Construction: 21 09 / 11 18 / 11 99 2 Well Use: 23 W Water Use: 24 P Primary Aquifer: 714 124 C K F Hole Depth: 27 161621

Well Depth: 29 16301 Water Level: 30 181 Water Level Date: 31 02 / 11 11 / 11 99 3 Method: 34 Status: 37 Source: 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date: 60 02 / 11 11 / 11 99 3 Contractor: 63 4551 Name: Herndon Method: 65 H Finish: 66 G

CONSTRUCTION CASING DATA

R=76	T=A	725#1	59#1	77 1101	78 15851	79 181
R=76	T=A	725#2	59#1	77 15251	78 15891	79 141

CONSTRUCTION OPENINGS DATA

R=82	T=A	726#1	59#1	83 15891	84 163101	87 141	85 S	89	88 0114
R=82	T=A	726#2	59#1	83	84	87	85	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type: 43 T Date: 38 02 / 11 11 / 11 99 3 Intake: 44 17101

Power: 45 E H.P.: 46 1151 Serial No.: 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership: 159 02 / 11 11 / 11 99 3 Owner Name: 161 SATARTIA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No.: 190 4291 Assigner: 191 M I S S I D I S T

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	Sp 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	Req. Depth	200# 160	End Depth	201# 16121
R=198	T=A	739#1	Log Type	199#D	Req. Depth	200# 10	End Depth	201# 16121

MISCELLANEOUS NETWORK DATA

706 = Qw WL WD *

R=114	T=A	730#1	Beg. Year	1154	End Year	1164	Agency Source	120=A	117#	Freq.	118#
R=121	T=A	730#2	Beg. Year	1154	End Year	1164	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# 3/21/11/11/1993	Type	703# P	Discharge	150# 1245	Sp. Capacity	272#
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top	91# 1585	Depth Bot.	92# 16120	Unit Id	93# 1241C4KF	304#P
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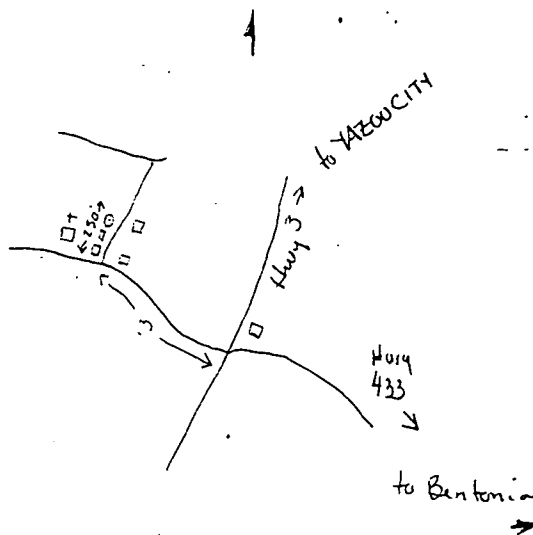
HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested	100#	103#
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Fouche Eng.

20.5' dd @ 244 gpm (2hrs)

YAZOO RIVER



DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Brown Clay	0	30	Clay, Sand &		
Gravel, Clay &			Clay	20	662
Course Sand	30	95			662
Green Soft Clay	95	220			
Lignite, Brown Clay					
& Streaks of Sand	220	310			
Sand Clay	310	420			
Sand	420	560			
Clay	560	573			
Sand & Clay	573	585			
Sand	585	620			

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources

P.O. Box 10631

Jackson, Mississippi 39209

WATER WELL DRILLERS LOG

COUNTY WELL LOCATED Yazoo	
WELL NUMBER # 1	CODED <input checked="" type="checkbox"/>
DATE WELL COMPLETED 2-11-93	

PERMIT NUMBER
NAME OF DRILLING FIRM Herndon Well & Supply
Pearl, MS

NAME & MAILING ADDRESS OF LANDOWNER Village of Satartia			
P. O. Box 75			
Satartia, MS 39162			
WELL LOCATION: SEC	TOWNSHIP	RANGE	
SE1/4SE1/4NE1/4 31	10 N	03	W
DISTANCE	DIRECTION	NEAREST TOWN	
10 Miles	South	Yazoo City	
OTHER LANDMARK on Hwy. 3			
WELL PURPOSE: Home, Irrigation, <u>Municipal</u> Industrial, Fish Pond, etc.			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, <u>Turbine</u> , Jet, Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): <u>Electric</u> , Tractor, Diesel, Gasoline, Butane, Other (Describe) 15 H/P 3 Ph		
Pump Capacity (GPM)	No. of Stages	Setting Depth
244.65	7	70 FT.
PUMP TEST		
Well yielded 244.65 GPM with a drawdown of 20.50 ft. after 2 hours of pumping		

WELL DATA

Well Depth 630	Casing Diameter (In.) 8	Casing Length (Ft.) 585
Type of Casing Steel	Hole Depth 630	Depth to Static Water Level 8
TYPE OF COMPLETION: (Circle One or More): <u>Gravel Packed</u> , Underreamed, Telescoped, Natural Development, Open Hole, Other (Describe) _____		
Top of Lap Pipe or Reduction in Casing 525.66 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE		

LOG DATA

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

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test
Driller's Remarks			
630 -41 -49			

SCREEN DATA

Diameter - Inches 4	Length - Feet 40.67	Slot Size - Inches .014
Screen Type S. S.	Depth to Bottom - Feet 630	

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Brown Clay	0	30	Clay, Sand &		
Gravel, Clay & Course Sand	30	95	Lignite	620	662
Green Soft Clay	95	220	DRILLING		662
Lignite, Brown Clay & Streaks of Sand	220	310			
Sand Clay	310	420	FEB 16 1993		
Sand	420	560			
Clay	560	573	Dist. of Environmental Quality Office of Land & Water Resources		
Sand & Clay	573	585			
Sand	585	620			

IF MORE SPACE IS NEEDED, USE BACK

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Jennings/Phillips DATE: 4/23/98UNIT DEQ #: _____ FILE #: B04231AHEALTH DEPT. #: 820012-03 ELEV. 111?USGS #: Q30 OLWR #: GW14857OWNER: Satartia QUAD: SatartiaLOCATION: SW/SW/NE S 31 T 10N R 3W COUNTY: YazooLOCATION DESCRIPTION: Behind Methodist ChurchCASING DIA: _____ PUMP TYPE & SIZE: TurbineGPS FIELD LOCATION: LAT. 32°40'13.4" LONG. 90°32'38.2"GPS CORRECTED LOCATION: LAT. 32.670669 LONG. 90.543464REMARKS: Measured 25' from well

AK-925

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): AK/56 DATE: 9-27-94
UNIT DEQ #: 82859 FILE #: 0092717A
HEALTH DEPT. #: 820012-03 ELEV. 100
USGS #: Q30 OLWR #: 14857

OWNER: Satartia W. Assoc. QUAD: Satartia

LOCATION: NE/SW S 31 T 10N R 3W COUNTY: YAZON

LOCATION DESCRIPTION: Well located behind Methodist Church on West side in rear.

CASING DIA: _____ PUMP TYPE & SIZE: Turbine 15 HP

GPS FIELD LOCATION: LAT. ~~32.40.239N~~ LONG. ~~90.32.587W~~
32.67062300 90.54339544

GPS CORRECTED LOCATION: LAT. ~~32.017285~~ LONG. ~~90.410518~~

REMARKS: 820012-01 + 02 are not being used. Combined to one well.

4-23-97
PEB {
80423198
32 40 14.3
90 32 36.1
RTCM



Target is 32° 40' 15"N, 90° 32' 37"W - SATARTIA quad [Quad Info]

