

Coded By Q 1/19/92  
Checked By 924 7-30-92  
Entered By Zgk  
Date 7/10/92

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

E-Log No. 38  
County CHOCTAW  
Agency

Well No. F21

WELL RECORD

Agency Code U S G S Site Id 133118216101819201180111 Project No. 5111111111 Weir Quad

Station Name 12 FOZII SIMPSON W IA Latitude 933118216 Longitude 10408192101181

Lat/Long Ac. 11 S F M Dist 6=28 State 7=28 County SW NW NE Land Net 8=019 13=NOSEI S 27 T 17 N R 019 E

Location Map 14=WEIR Altitude 592 Met/Meas 17 A L M Accuracy 18 1 1 1 1 1 Hydrologic Unit 20=01810610120111

Agency Use 803 A 1 0 Date Inventoried 7 11 1 1 1 1 1 1 1 1 Station Type Y Data Type 804 1 1 1 1 1 1 1 1 1 1

Instru. 805 1 Remarks 806 1 1 1 1 1 1 1 1 1 1 Relia. 3 C L M U 2 W X

Date of Construction 21 0 1 1 / 0 1 9 1 / 1 9 9 2 Well Use 23 W Water Use 24 P I Primary Aquifer 714 1 2 1 4 W L C X L I Hole Depth 27 1 8 1 1 2

Well Depth 28 1 7 3 1 1 Water Level 30 2 5 0 Water Level Date 31 0 5 / 1 2 7 / 1 9 9 2 Method 34 1 Status 37 1 Source 33 D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60 0 5 / 1 2 7 / 1 9 9 2 Contractor 63 0 2 1 1 Name HERNDON Method 65 H Finish 66 G

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
<u>76</u>	<u>A</u>	<u>725#1</u>	<u>59#1</u>	<u>77 1 1 0 1</u>
<u>76</u>	<u>A</u>	<u>725#2</u>	<u>59#1</u>	<u>77 1 6 2 1 4</u>

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
<u>82</u>	<u>A</u>	<u>726#1</u>	<u>59#1</u>	<u>83 6 9 0 1</u>	<u>84 1 1 3 1 1</u>	<u>87 1 6</u>	<u>85 S</u>
<u>82</u>	<u>A</u>	<u>726#2</u>	<u>59#1</u>	<u>83 1 1 1 1</u>	<u>84 1 1 1 1</u>	<u>87 1 1 1</u>	<u>85 1</u>

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43 T Date 38 0 5 / 1 2 7 / 1 9 9 2 Intake 44 1 4 0 1 7 1

Power 45 E H.P. 46 1 4 0 Serial No. 49 1 1 1 1 1 1 1 1 1 1

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159 0 5 / 1 2 7 / 1 9 9 2 Owner Name 161 SIMPSON W IA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190 0 3 8 Assigner 191 M I S S I S S I D I S I T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 1934     /     /         .	Aquifer Sampled 195#                 .	Temp 196#00010	Value 197#           .
R=192	T=A	738#2	Date of Measurement 1934     /     /         .	Aquifer Sampled 195#                 .	So 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	Sec. Depth 200#   35   .	End Depth 201#   1810   .
R=198	T=A	739#1	Log Type 199#D	Sec. Depth 200#     0   .	End Depth 201#   1812   .

MISCELLANEOUS NETWORK DATA 706 = QW WL WD \*

R=114	T=A	730#1	Req. Year 115#   1   9     .	End Year 116#   1   9     .	Agency Source 120=A   117#           .	Freq. 118#     .
R=121	T=A	730#2	Req. 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# 015   127   11992   .	Remarks 185# MSGW 13354
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148# 015   127   11992   .	Type 703# (P)	Discharge @ 80# 150#     190     .	So. Capacity 272#           .
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91#   168   0     .	Depth Bot. 92#   173   0     .	Unit Id 93#   124   W   L   C   K     .	304#
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#                 .	103#     .
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Well #4

151' dd @ 190 gpm

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
Red Sand, Clay	0	15	Clay & Lignite	500	685
Blue Clay	15	35	Sand	685	689
Sand & Clay Streaks	35	70	Rock		689
Rock		70	Sand	689	726
Sand & Clay Streaks	70	130	Clay & Sand Streaks	726	746
Rock		130	Rock		746
Sand & Clay Streaks	130	140	Clay & Sand Streaks	746	755
Sand	140	320	Rock		755
Sand Streaks & Lignite	320	330	Clay & Sand Streaks	755	790
Rock		330	Rock		790
Sand Streaks & Lignite	330	500	Clay & Sand Streaks	790	812

**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 <b>CHOCTAW</b>		PERMIT NUMBER <b>GW 13354</b>
WELL NUMBER <b>4</b>	CODED <input checked="" type="checkbox"/>	NAME OF DRILLING FIRM <b>Herndon Well &amp; Supply</b>
<b>F21</b>		<b>Shannon, MS 38868</b>
DATE WELL COMPLETED <b>05/27/92</b>		

NAME & MAILING ADDRESS OF LANDOWNER  
**Simpson Water Association**

**Weir, MS**

WELL LOCATION: SEC 27 TOWNSHIP 17 RANGE N 09 E

DISTANCE 4 Miles DIRECTION NE of NEAREST TOWN Weir

OTHER LANDMARK

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

**40 HP PUMP DATA**

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

POWER TYPE (Circle One):  
Electric Tractor, Diesel, Gasoline, Butane,  
Other (Describe)

Pump Capacity (GPM)	No. of Stages	Setting Depth
<b>190</b>	<b>21</b>	<b>407 FT.</b>

PUMP TEST

Well yielded **190** GPM with  
a drawdown of **150.4** ft.  
after **24** hours of pumping

**WELL DATA**

Well Depth <b>730.75</b>	Casing Diameter (In.) <b>10"</b>	Casing Length (Ft.) <b>692'</b>
Type of Casing <b>Steel</b>	Hole Depth <b>812'</b>	Depth to Static Water Level <b>249' 7 1/2"</b>

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

Top of Lap Pipe or Reduction in Casing  
**623'6" FEET** IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

**LOG DATA**

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

Name of Organization Running Log  
**Herndon Well & Supply, Inc.**

**SCREEN DATA**

Diameter - Inches <b>6"</b>	Length - Feet <b>40.75</b>	Slot Size - Inches <b>.015</b>
Screen Type <b>SS Ribbed</b>	Depth to Bottom - Feet <b>730.75</b>	

**GEOLOGIC DATA (Office Use Only)**

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date		

Driller's Remarks  
**130' 14.15' 9000'**

**RECEIVED**

**JUN 10 1992**

**Dept. of Environmental Quality**  
**Bureau of Land & Water Resources**

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	
			FROM	TO
Red Sand, Clay	0	15	Clay & Lignite	500 685
Blue Clay	15	35	Sand	685 689
Sand & Clay Streaks	35	70	Rock	689
Rock		70	Sand	689 726
Sand & Clay Streaks	70	130	Clay & Sand Streaks	726 746
Rock		130	Rock	746
Sand & Clay Streaks	130	140	Clay & Sand Streaks	746 755
Sand	140	320	Rock	755 755
Sand Streaks & Lignite	320	330	Clay & Sand Streaks	755 790
Rock		330	Rock	790
Sand Streaks & Lignite	330	500	Clay & Sand Streaks	790 812



DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR  
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 10/31/96  
UNIT DEQ #: 82859 FILE #: B110101A  
HEALTH DEPT. #: 100014-02 ELEV. \_\_\_\_\_  
USGS #: F21 OLWR #: GW13354  
OWNER: Simpson W/A #2 QUAD: well  
LOCATION: NE-SE S 27 T 17 N R 9 E COUNTY: Choctaw  
LOCATION DESCRIPTION: At SE corner of Millsprings Church on East  
side of well-Stewart Rd. .10 mi. south of  
Intersection with Whites Rd.  
CASING DIA: 12" PUMP TYPE & SIZE: 60 HP Elec.  
GPS FIELD LOCATION: LAT. 33° 18' 21.6" LONG. 89° 20' 09.0"  
GPS CORRECTED LOCATION: LAT. 33.30565845 LONG. 89.33583012  
REMARKS: GPS at Well.  
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\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

01-106012-01

Dry

3691

20'

3690

3689

3150 IV SW  
FRENCH CAMP

KOSCIUSKO 2.2 MI.  
FRENCH CAMP 2.1 MI.

3687

FRENCH CAMP 1.5 MI.

17'30"

T. 17 N.

T. 16 N.

3685

Roadside Park

Sangob

BR 5172

Sangob

Mt Moriah Ch

Wade Power Co

Philippine

BR 474

CHOCTAW CO  
ATTALA CO

BR 474

Dry

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