

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
LeFlore

WELL NUMBER # **2** CODED **53**

DATE WELL COMPLETED
07/02/1996

PERMIT NUMBER

NAME OF DRILLING FIRM
Herndon Well & Supply

Pearl, MS 39208

NAME & MAILING ADDRESS OF LANDOWNER
Town of Sidon

P. O. Box 156

Sidon, MS 38954

WELL LOCATION: SEC 21 TOWNSHIP 18 RANGE 01 N S W

DISTANCE _____ MILES _____ of Sidon

OTHER LANDMARK
Near water tank

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) 230 v. H/P 30

Pump Capacity (GPM) 385 No. of Stages 4 Setting Depth bottom @ 100 FT.

PUMP TEST
Well yielded 385 GPM with
a drawdown of 30 ft.
after 2 hours of pumping

WELL DATA

Well Depth 980.56	Casing Diameter (In.) 12	Casing Length (Ft.) 935
Type of Casing Steel	Hole Depth 980.56	Depth to Static Water Level 10.29 SWL

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

WELL GROUTED TO A DEPTH OF 935 FEET
Type Grout (circle one): Cement, Bentonite, or Mix

LOG DATA

TYPE OF LOG RUN (Circle One):
Electric, Gamma Ray, No Log Run,
Density, Sonic, Neutron,
Other (Describe) _____

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

SCREEN DATA

Diameter - Inches 8	Length - Feet 40.56	Slot Size - Inches .030
Screen Type S.S. Johnson	Depth to Bottom - Feet 40.56 length	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks
SEP 19 1996

Top of Lap _____
Base of Reduction in Casing _____
874.92 FEET IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
BROWN SANDY	0	40	ROCK	566	567
WHITE SANDY	40	80	CLAY (SANDY) ROCK @ 585'		
WHITE SAND & PEA GRAVEL	80	135	10" THICK HARD	567	600
GREY CLAY	135	160	SAND W/ STREAKS OF CLAY		
SAND	160	250	@ 597' 6" THICK HARD	600	700
GREY CLAY W/ SANDY STREAKS	250	360	SHALE W/ STREAKS OF ROCK		
GREY CLAY	360	440	@ 630' 12" THICK HARD	700	735
SAND W/ CLAY STREAKS	440	510	SAND @ 640' 10" THICK		
CLAY	510	535	HARD	735	750
SAND	535	566	SHALE W/ STREAKS OF SAND		

IF MORE SPACE IS NEEDED, USE BACK PAGE ****over****

If well telescopes please sketch and show depths.

Town of Sidon

GROUND LEVEL

SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

SHALE W/ STREAKS OF ROCK @ 750'		
12" THICK HARD	750	- 903
SAND TIGHT	903	- 980
CLAY	980	- 990
SAND	990	- 993
CLAY	993	

T. D. 1001.60

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