Coded By D 4/96
Checked By 04-25-96
Entered By 6/24/96
Date

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 145
County LEFLORE
Agency

Well No. Φ53

WELL RECORD

Agency Code: USGS
Site Id: 1=333242309010122160111
Project No.: 5=
Station Name: 12=00513 SILDON
Latitude: 9=333242431
Longitude: 10=0901012216
Lat/Long Ac.: 11=S F M
Dist: 6=25
State: 7=28
County: 8=083
Land Net: 13=NW SE S21 T18N R01E Ex
Location Map: 14=SILDON
Altitude: 16=125
Met/Meas: 17=A L M
Accuracy: 18=15
Hydrologic Unit: 20=08030201016
Agency Use: 803=A S N
Date Inventoried: 711=
Station Type: J Y
Data Type: 804=
Instru.: 805=
Remarks: 806=
Relia.: 3=C L M U
3=W X
Date of Construction: 21=04/11/1996
Well Use: 23=W
Water Use: 24=P
Primary Aquifer: 714=124MUWX
Hole Depth: 27=1012
Well Depth: 28=981
Water Level: 30=110.31
Water Level Date: 31=07/12/1996
Method: 34=
Status: 37=
Source: 33=D

CONSTRUCTION DATA
R=58 T=A 723#1 60=07/12/1996 Contractor 63=4551 Name Herndon Pearl, Ms. Method 65=H Finish 66=G

CONSTRUCTION CASING DATA
R=76 T=A 725#1 59#1 Top/Casing 77=101 Bot/Casing 78=935 Diameter 79=12
R=76 T=A 725#2 59#1 Top/Casing 77=815 Bot/Casing 78=940 Diameter 79=8

CONSTRUCTION OPENINGS DATA
R=82 T=A 726#1 59#1 Top/Depth 83=940 Bot/Depth 84=981 Diameter 87=8 Type 85=S Length 89= Width 88=.013
R=82 T=A 726#2 59#1 Top/Depth 83= Bot/Depth 84= Diameter 87= Type 85= Length 89= Width 88=

CONSTRUCTION LIFT DATA
R=A2 T=A 254#1 Lift Type 43=S Date 38=07/12/1996 Intake 44=10.0

Power: 45=E
H.P: 46=30
Serial No. 49=

MISCELLANEOUS OWNER DATA
R=158 T=A 718#1 Date of Ownership 159=07/12/1996 Owner Name 161=SILDON

MISCELLANEOUS OTHER ID DATA
R=199 T=A 736#1 E-Loc No. 190=145 Assigner 191=MISSISSIPPI

MISCELLANEOUS GW DATA

R=192	T=A	738#1	Date of Measurement 193#	Aquifer Sampled 195#	Temp 196#00010	Value 197#
R=192	T=A	738#2	Date of Measurement 193#	Aquifer Sampled 195#	Sp Cond 196#00095	Value 197#
R=192	T=A	738#3	Date of Measurement 193#	Aquifer Sampled 195#	pH 196#00400	Value 197#

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#EL	Bec. Depth 200# 1410	End Depth 201# 0 0 10 1
R=198	T=A	739#1	Log Type 199#D	Bec. Depth 200# 10	End Depth 201# 993

MISCELLANEOUS NETWORK DATA 706 = GW WL WD *

R=114	T=A	750#1	Bec. Year 115#	End Year 116#	120=A	Agency Source 117#	Frec. 118#
R=121	T=A	750#2	Bec. Year 115#	End Year 116#	Agency Source 117#	Frec. 118#	

MISCELLANEOUS REMARKS DATA

R=183	T=A	511#1	Date of Remarks 184#	Remarks 185#

DISCHARGE DATA

R=146	T=A	Pump/ Flow 147#1	Date 148# 07/02/1996	Type 703=R	Discharge 150# 3815	Sp. Capacity 272#

GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91# 910	Depth Bot. 92# 980	Unit Id 93# 12HMUWX	304=

HYDRAULIC DATA

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

30' dd @ 2hrs

WELL # 2

0 -	40	BROWN SANDY
40 -	80	WHITE SANDY
80 -	135	WHITE SAND & PEA GRAVEL
135 -	160	GREY CLAY
160 -	250	SAND
250 -	360	GREY CLAY WITH SANDY STREAKS
360 -	440	GREY CLAY
440 -	510	SAND WITH CLAY STREAKS
510 -	535	CLAY
535 -	566	SAND
566 -	567	ROCK
567 -	600	CLAY (SANDY), ROCK @ 585', 10" THICK HARD
600 -	700	SAND W/ STREAKS OF CLAY @ 697' 6" THICK HARD
700 -	735	SHALE W/ STREAKS OF ROCK @ 630' 12" THICK HARD
735 -	750	SAND @ 640' 10" THICK HARD
750 -	903	SHALE W/ STREAKS OF SAND @ 750' 12" THICK HARD
903 -	980	SAND TIGHT
980 -	990	CLAY
990 -	993	SAND
993 -		CLAY

T. D. 1001.50