

Coded By 0 694
Checked By 02213-94
Entered By 13
Date 12/19/94

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

E-Log No. 67
County RANKIN
Agency

Well No. G55

WELL RECORD

Brandon Quad

Gw14762
0610012-04

Agency Code U S G S Site Id 132203710995824011 Project No. 54

Station Name 1260155 LANGFORD WA Latitude 9322037 Longitude 109105824

Lat/Long Ac. 11 SFTM Dist 6=28 State 7=28 County 8=1211 Land Net 13=MISSISSIPPI

Location Map 14=BRANDON Altitude 385 Met/Meas 17=ALM Accuracy 18=110 Hydrologic Unit 20=0318101012

Agency Use 803=AI Date Inventoried 711 Station Type Y Data Type 804

Instru. 805 Remarks 806 Relia. 3=C L M U 2=WX

Date of Construction 21=06/09/1994 Well Use 23=W Water Use 24=P Primary Aquifer 714=124SPRTY Hole Depth 27=1324

Well Depth 28=1499 Water Level WA 30=274.5 Water Level Date 31=09/28/1994 Method 34= Status 37= Source 33=D

CONSTRUCTION DATA

R=58 T=A 723#1 Construction Date 60=09/28/1994 Contractor 63=184 Name GRINER Method 65=H Finish 66=G

CONSTRUCTION CASING DATA

R	T	Top/Casing	Bot/Casing	Diameter
76	A	725#1 59#1 77 11 P	78 1215	79 12
76	A	725#2 59#1 77 1145	78 1220	79 18

CONSTRUCTION OPENINGS DATA

R	T	Top/Depth	Bot/Depth	Diameter	Type	Length	Width
82	A	726#1 59#1 83 1220	84 1290	87 18	85 S	89	88 101K
82	A	726#2 59#1 83	84	87	85	89	88

CONSTRUCTION LIFT DATA

R=42 T=A 254#1 Lift Type 43=TT Date 38=09/28/1994 Intake 44=1360

Power 45=EL H.P. 46=75 Serial No. 49

MISCELLANEOUS OWNER DATA

R=158 T=A 718#1 Date of Ownership 159=09/28/1994 Owner Name 161=LANGFORD WA

MISCELLANEOUS OTHER ID DATA

R=189 T=A 736#1 E-Log No. 190=6771 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 195	Temp 196#00010	Value 197
R=192	T=A	738#2	Date of Measurement 1934	Aquifer Sampled 195	Sp 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	Req. Depth 200 50	End Depth 201 322
R=198	T=A	739#1	Log Type 199#D	Req. Depth 200 10	End Depth 201 326

MISCELLANEOUS NETWORK DATA *106 = QW WL WD **

R=114	T=A	730#1	Req. Year 115 9	End Year 116 9	Agency Source 120=A 117#	Freq. 118
R=121	T=A	730#2	Req. Year 115 9	End Year 116 9	Agency Source 117	Freq. 118

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184 09 28 1994	Remarks 185 MSGW - 04574
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DISCHARGE DATA

R=146	T=A	Pump/Flow 147#1	Date 148 09 28 1994	Type 703#P	Discharge 150 140	Sp. Capacity 272 13 18
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91 21	Depth Bot. 92 320	Unit Id 93 24 SPRT	304=P
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100	103
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45.66' dd @ 40 gpm (24 hrs)

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
top soil	0	2	Sand	1204	1326
clay	2	409			
sand	409	443			
sand & clay streaks	443	610			
sand	610	655			
clay	655	682			
sand	682	784			
clay	784	920			
sand with clay streaks	920	1073			
sand	1073	1164			
clay	1164	1204			

COUNTY WELL LOCATED
Rankin

WELL NUMBER **G55** CODED

DATE WELL COMPLETED
09-28-94

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P. O. Box 10631
Jackson, MS 39289-0631
WATER WELL DRILLERS LOG

PERMIT NUMBER **04574**

NAME OF DRILLING FIRM
Griner Drilling Service, Inc.

NAME & MAILING ADDRESS OF LANDOWNER
Langford Water Association

100 Baker Lane Road

Brandon, MS

WELL LOCATION: SEC **22** TOWNSHIP **6** RANGE **3** [N] [E] [S] [W]

DISTANCE **1** Miles DIRECTION **N** of NEAREST TOWN **Brandon**

OTHER LANDMARK
On Highway 471

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

PUMP DATA

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

POWER TYPE (Circle One):
[Electric,] Tractor, Diesel, Gasoline, Butane,
Other (Describe) _____ H/P **75**

Pump Capacity (GPM) **400** No. of Stages **10** Setting Depth **360** FT.

PUMP TEST
Well yielded **401** GPM with
a drawdown of **45.66** ft.
after **24** hours of pumping

WELL DATA

Well Depth 1290	Casing Diameter (In.) 12	Casing Length (Ft.) 1215
Type of Casing Steel	Hole Depth 1326	Depth to Static Water Level 274.49

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
1145 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
Griner Drilling Service, Inc.

SCREEN DATA

Diameter - Inches 8	Length - Feet 70	Slot Size - Inches .016
Screen Type S.S. Rod base	Depth to Bottom - Feet 1290	

GEOLOGIC DATA (Office Use Only)

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

Driller's Remarks

DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO	FORMATIONS (Continued)	FROM	TO
top soil	0	2	Sand	1204	1326
clay	2	409			
sand	409	443			
sand & clay streaks	443	610			
sand	610	655			
clay	655	682			
sand	682	784			
clay	784	920			
sand with clay streaks	920	1073			
sand	1073	1164			
clay	1164	1204			

RECEIVED
OCT 10 1994

Dept. of Environmental Quality
Office of Land & Water Resources

IF MORE SPACES ARE NEEDED, ATTACH SEPARATE SHEETS

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/1/96

UNIT DEQ #: _____ FILE #: B070117D

HEALTH DEPT. #: 610012-04 ELEV. @ 385'

USGS #: 655 OLWR #: GW14762

OWNER: Langford W.A. QUAD: Brandon

LOCATION: NE/SE S 22 T 6N R 3E COUNTY: Rankin

LOCATION DESCRIPTION: Across 471 from Oakdale Cemetary

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/100 HP

GPS FIELD LOCATION: LAT. 32° 20' 52.6" N LONG. 89° 58' 20.7" W

GPS CORRECTED LOCATION: LAT. 32.34803932 LONG. 89.97231800

REMARKS: Measured 40' NE well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

219

220

221

57' 30"

222

223

