

U.S. GEOLOGICAL SURVEY  
 WATER RESOURCES DIVISION  
 MISSISSIPPI DISTRICT  
**WELL RECORD**

TRANSMITTED FOR ADP  
 4/77

Record by WTO Date 4-26-76 County Rankin Well No. 637  
GW02438 0610043-01 Jackson SE E-log No. 415  
Quad

GEN. SITE DATA

Site ID 

3	2	2	1	2	2	0	8	9	5	9	5	1	0	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

 R= 0 T= (A) M 2= (W) \*

Data reliab. 3= (C) U \* Report. agency 4= U S G S \* Dist. 6= 2 8 \* 7= 2 8 \*

County 8= 

7	2	1
---	---	---

 \* Lat/Long. 9= 

3	2	2	1	2	2
---	---	---	---	---	---

 10= 

0	8	9	5	9	5	1
---	---	---	---	---	---	---

 \*

Well No. 12= 

6	0	3	7
---	---	---	---

 \* Loc 13= 

R	E	N	W	S	2	1
---	---	---	---	---	---	---

 T 0 6 N R 0 3 E \*

Alt. 370 16= 

3	7	4
---	---	---

 \* Hyd. Unit (OWDC) 20= \_\_\_\_\_ \*

Date 21= 

0	9	2	6
---	---	---	---

 / 1 9 

7	5
---	---

 \* Well use 23= W \* Water use 24= P \* PW

Hole depth 27= \_\_\_\_\_ \* Well depth 28= 

7	6	8
---	---	---

 \* \*

WL 30= 

1	7	8
---	---	---

 \* Date 31= 

1	1	0	0
---	---	---	---

 / 1 9 

7	5
---	---

 \* Source 33= (D) \*

OWNER

R = 158 \* T= (A) M \* Date 159# 

1	1	0	0
---	---	---	---

 / 1 9 

7	5
---	---

 \* Owner No. \_\_\_\_\_

Owner 161= 

E	A	S	T	L	E	W	O	O	D	U	T	I	L
---	---	---	---	---	---	---	---	---	---	---	---	---	---

 \*  
 Rankin Utility Co.

FIELD QW

R = 192 \* T= A M \* Date 193# \_\_\_\_\_ / \_\_\_\_\_ / 1 9 \_\_\_\_\_ \* Additional cards same R thru 193 for each parameter.

Temp. 196# 

0	0	0	1	0
---	---	---	---	---

 \* °C 197= \_\_\_\_\_ \*

Cond. 196# 

0	0	0	9	5
---	---	---	---	---

 \* uMhos 197= \_\_\_\_\_ \*

pH 196# 

0	0	4	0	0
---	---	---	---	---

 \* Value 197= \_\_\_\_\_ \*

CONSTR.

R = 58 \* T= (A) M \* 59# 1 \* Date 60= 

1	1	0	0
---	---	---	---

 / 1 9 

7	5
---	---

 \*

Drlr 63= 

1	8	4
---	---	---

 \* Name: Griner Method 65= (H) \*

Finish 66= (S) \* Remarks \_\_\_\_\_

CASING

R = 76 \* T= (A) M \* 59# 1 \*  
 Top csng 77# 

-			0
---	--	--	---

 \* Bot. csng 78= \_\_\_\_\_ \* Diam. 79# 

1	6
---	---

 \*

R = 76 \* T= A M \* 59# \_\_\_\_\_ \*  
 Top csng 77# \_\_\_\_\_ \* Bot. csng 78= \_\_\_\_\_ \* Diam. 79# \_\_\_\_\_ \*

OPENINGS

R = 82 * T= (A) M * 59# 1 *	R = 82 * T= A M * 59# _____ *				
Top 83# <table border="1"><tr><td>7</td><td>1</td><td>8</td></tr></table> *	7	1	8	83# _____ *	
7	1	8			
Bot. 84# <table border="1"><tr><td>7</td><td>6</td><td>8</td></tr></table> *	7	6	8	84# _____ *	
7	6	8			
Type 85= (S) *	85= _____ *				
Diam. 87= <table border="1"><tr><td>8</td><td>.</td></tr></table> *	8	.	87= _____ *		
8	.				
Size 88= <table border="1"><tr><td>.</td><td>0</td><td>1</td><td>6</td></tr></table> *	.	0	1	6	88= _____ *
.	0	1	6		

CCKF

YIELD

R = 134 (146) \* T= (A) M \* 147# 1 \* Q 150= 

5	0	0
---	---	---

 \* Q/s 272= \_\_\_\_\_ \*

LIFT

R= 42 \* T= (A) M \* Lift type 43# T \* Intake 44= [ ][ ][ ][ ] \* Power type 45= (E) \*  
 Date 38= 11/00/1975 \* H.P. 46= [75].[ ][ ] \*

LOGS

R= 198 \* T= (A) M \* Log 199# D \* Top 200= [ ][ ][ ][ ] 0 . \* Bot. 201= [8][4][2].[ ] \*  
 R= 198 \* T= (A) M \* Log 199# E \* Top 200= [ ][ ][ ][ ] 54 . \* Bot. 201= [8][4][2].[ ] \*  
 R= 189 \* T= (A) \* 190# 415 \* 191= M I S S D I S T \*

ANAL.

R= 114 \* T= A M \* Year 115# [ ][ ][ ] \* Type 120= [ ] \*

AQUIFERS

R= 90 \* T= (A) M \* 256# 1 \* Top 91= [7][1][0].[ ] \* Bot. 92= [7][9][0].[ ] \*  
 Unit ID 93= 124CCKFX Name of unit  
 R= 90 \* T= A M \* 256# [ ] \* Top 91= [ ][ ][ ][ ] . \* Bot. 92= [ ][ ][ ][ ] . \*  
 Unit ID 93= [ ][ ][ ][ ][ ][ ][ ] \* Name of unit

HYDRAC.

R= 98 \* T= A M \* 99# 1 \* Unit tested 100= [ ][ ][ ][ ][ ][ ][ ][ ][ ] \*  
 R= 105 \* T= A M \* 99# 1 \* Test No. 106# [ ] \*  
 Transmissivity 107= [ ][ ][ ][ ][ ][ ][ ][ ][ ] \* T(gal/d)/ft  
 Hydraul. conduct. 108= [ ][ ][ ][ ][ ][ ][ ][ ][ ] \* P(gal/d)/ft<sup>2</sup>  
 Storage coeff. 110= [ ][ ][ ][ ][ ][ ][ ][ ][ ] \* Boundaries

C. 2 gpm/ft.

RANKIN  
G37  
10-26-75  
Log # 915

MISSISSIPPI  
BOARD OF WATER COMMISSIONERS  
416 North State Street  
Jackson, Mississippi 39201  
WATER WELL DRILLERS LOG

1975 HARNER DRILLING SERVICE RANKIN  
date well completed firm name county well located

LANDOWNER: <u>CASTLEWOODS</u>	description of formations encountered	from	to
<u>MCFS CORP./CAPITOL INDUS LTD.</u> (mailing address)			
<u>WELL LOCATION: NE 1/4 NW 1/4</u>	<u>Red Sand</u>	<u>0</u>	<u>28</u>
<u>sec. 21 T. 6 N. R. 3 E</u>	<u>Clay</u>	<u>28</u>	<u>400</u>
<u>(distance) miles (direction) of (nearest town)</u>	<u>SAND + SHEALS</u>	<u>400</u>	<u>435</u>
<u>WELL PURPOSE: (home, irrigation, municipal, industrial)</u>	<u>CLAY + SANDY CLAY</u>	<u>435</u>	<u>555</u>
	<u>SAND</u>	<u>555</u>	<u>595</u>
	<u>CLAY</u>	<u>595</u>	<u>707</u>
	<u>SAND</u>	<u>707</u>	<u>720</u>
	<u>CLAY</u>	<u>720</u>	<u>775</u>
	<u>SAND</u>	<u>775</u>	<u>795</u>
	<u>CLAY</u>	<u>795</u>	<u>843</u>

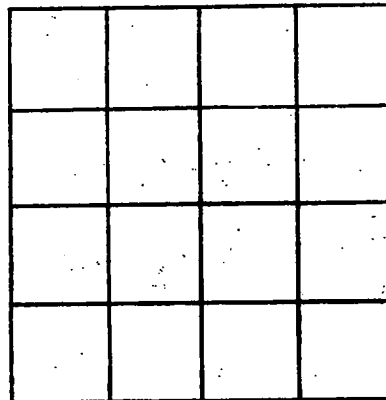
- WELL COMPLETION DATA:**
- (1) diameter (inches) 16"
  - (2) total depth (feet) 843'
  - (3) static water level (feet) 178' below top of ground.
  - (4) casing B.I., 695' (material) (depth)  
16" (size) if telescope see back.
  - (5) screen 50', 720' (length) (depth to top)  
8" (size), (oil) 304 S.S. (material)
  - (6) pump 75, 500 (HP) (yield gpm)  
Elect. (type power)
  - (7) electric log yes (yes or no)  
MCS (organization running log)
  - (8) how well bottom plugged BACK  
Palmer Valley

DRILLERS REMARKS:  
SEP - 1 1975  
HARNER DRILLING SERVICE



If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

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

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Phillips/Hardin DATE: 7/31/96

UNIT DEQ #: \_\_\_\_\_ FILE #: A073114D

HEALTH DEPT. #: 610043-01 ELEV. 370'

USGS #: 637 OLWR #: GW02438

OWNER: Rankin utilities/Castlewoods QUAD: Jackson SE

LOCATION: SW/NW S.21 T.6N R.3E COUNTY: Rankin

LOCATION DESCRIPTION: On 4th lot on right on Glensview  
Court in Azalea Trail subdivision.

CASING DIA: \_\_\_\_\_ PUMP TYPE & SIZE: Turbine/75 HP

GPS FIELD LOCATION: LAT. 32°20.862'N LONG. 90°00.130'W

GPS CORRECTED LOCATION: LAT. 32.34860806 LONG. 90.00232131

REMARKS: Measured 12' west of well

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MISSISSIPPI  
7.5 MINUTE SERIES (TOPOGRAPHIC)

SE/4 JACKSON 15' QUADRANGLE

(PELAHATU  
1:62,500)



H'WAY  
25

610075-00  
637

loc. a  
quasi  
25' near  
main  
road  
through