

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

7/2/96

TRANSMITTED FOR ADP

WELL RECORD

4/77 #7

Record by WTO Date 8-22-74 County Rankin Well No. K164
GWO1551 0610032-07 Whitfield Quad E-log No. 399

GEN. SITE DATA

Site ID

3	2	1	4	3	4	0	9	0	0	4	1	2	0	1
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

 R= 0 T=

A	M	2=	W
---	---	----	---

Data reliab. 3=

0

 U * Report. agency 4= U S G S * Dist. 6= 2 8 * 7= 2 8 *

County 8=

1	2	1
---	---	---

 * Lat/Long. 9=

3	2	1	4	3	4
---	---	---	---	---	---

 10=

0	9	0	0	4	1	2
---	---	---	---	---	---	---

 *

Well No. 12=

K	1	6	4
---	---	---	---

 * Loc 13=

E	S	W	S	2	6	T	O	S	N	R	O	Z	E
---	---	---	---	---	---	---	---	---	---	---	---	---	---

 *
SE NW

Alt. 16=

3	3	5
---	---	---

 * Hyd. Unit (OWDC) 20=

Date 21=

0	8	2	2	1	9	7	4
---	---	---	---	---	---	---	---

 * Well use 23= W * Water use 24= P * IT

Hole depth 27=

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

 * Well depth 28=

8	3	9
---	---	---

 *

WL 30=

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

 * Date 31=

0	9	1	7	1	9	7	4
---	---	---	---	---	---	---	---

 * Source 33=

D

 *

OWNER

R =

158

 * T=

A	M
---	---

 * Date 159#

0	9	1	7	1	9	7	4
---	---	---	---	---	---	---	---

 * Owner No.
Owner 161=

M	S	S	T	A	T	E	H	O	S	P	I	T	A	L
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

 *

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=

0	9	1	7	1	9	7	4
---	---	---	---	---	---	---	---

 *

Drlr 63=

0	6	4
---	---	---

 * Name: Lape Method 65=

14

 *

Finish 66=

3

 * Remarks

CASING

R =

76

 * T=

A	M
---	---

 * 59#

1

 *

Top csng 77#

-	0
---	---

 * Bot. csng 78=

--	--	--	--

 * Diam. 79#

1	8
---	---

 *

R =

76

 * T=

A	M
---	---

 * 59#

--

 *

Top csng 77#

--	--

 * Bot. csng 78=

--	--	--	--

 * Diam. 79#

--	--

 *

OPENINGS

R = <table border="1"><tr><td>82</td></tr></table> *	82	T= <table border="1"><tr><td>A</td><td>M</td></tr></table> * 59# <table border="1"><tr><td>1</td></tr></table> *	A	M	1	cckf			
82									
A	M								
1									
Top 83# <table border="1"><tr><td>7</td><td>4</td><td>9</td></tr></table> *	7	4	9	<table border="1"><tr><td></td><td></td><td></td><td></td></tr></table> *					
7	4	9							
Bot. 84# <table border="1"><tr><td>8</td><td>3</td><td>9</td></tr></table> *	8	3	9	<table border="1"><tr><td></td><td></td><td></td><td></td></tr></table> *					
8	3	9							
Type 85= <table border="1"><tr><td>S</td></tr></table> *	S	<table border="1"><tr><td></td><td></td><td></td><td></td></tr></table> *							
S									
Diam. 87= <table border="1"><tr><td>1</td><td>0</td></tr></table> *	1	0	<table border="1"><tr><td></td><td></td><td></td><td></td></tr></table> *						
1	0								
Size 88= <table border="1"><tr><td></td><td></td></tr></table> *			<table border="1"><tr><td></td><td></td><td></td><td></td></tr></table> *						

YIELD

R =

134	146
-----	-----

 * T=

A	M
---	---

 * 147#

1

 * Q 150=

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

 * Q/s 272=

--	--	--	--

 *

LIFT

R= 42 * T= A M * Lift type 43# T * Intake 44= * Power type 45= E *
 Date 38= 09/17/1974 * H.P. 46= 150. *

LOGS

R= 198 * T= A M * Log 199# D * Top 200= 0 * Bot. 201= 909. *
 R= 198 * T= A M * Log 199# E * Top 200= 10 * Bot. 201= 906. *
 R= 189 * T= A * 190# 399 * 191= M I S S D I S T *

ANAL.

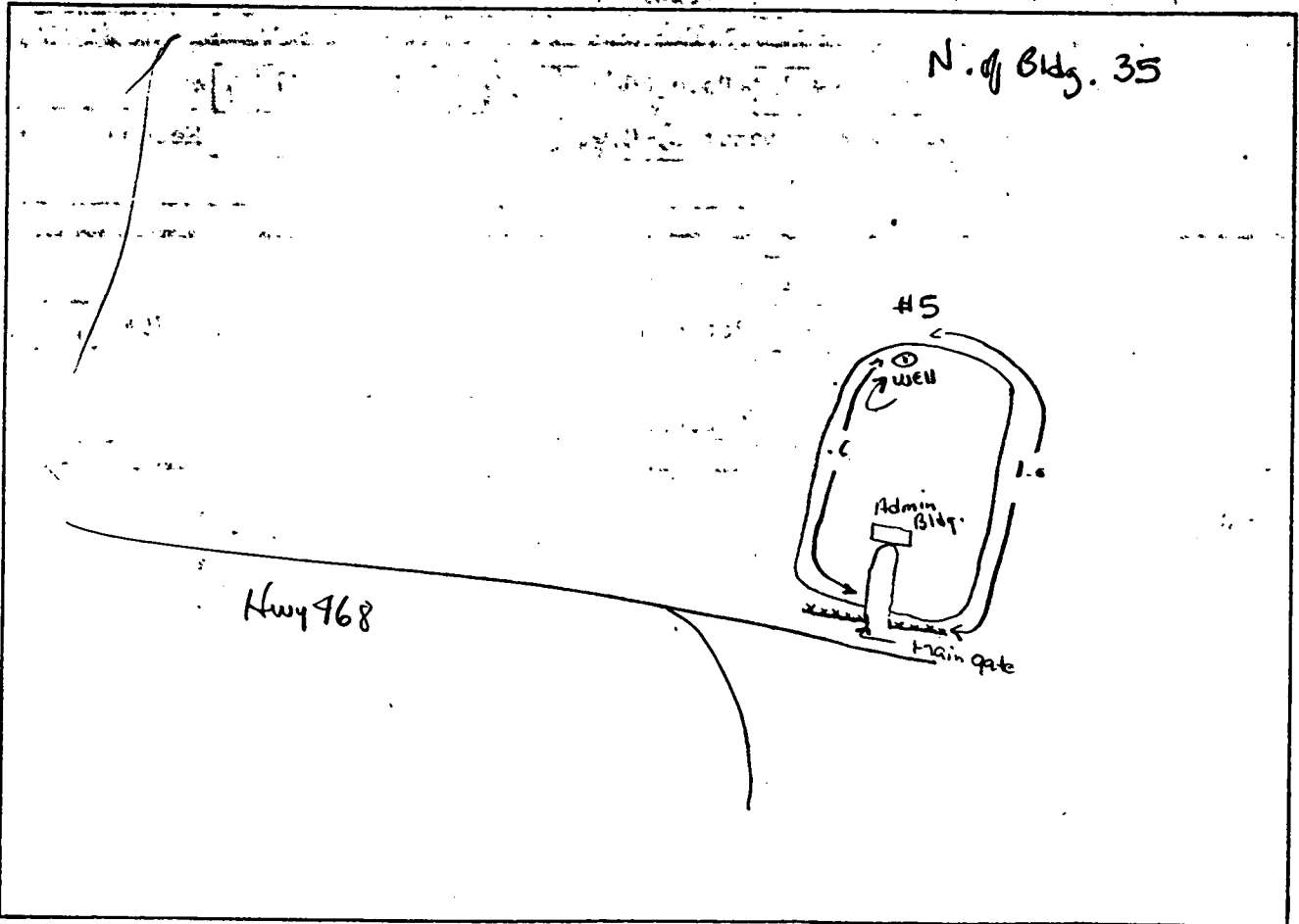
R= 114 * T= A M * Year 115# * Type 120= *

AQUIFERS

R= 90 * T= A M * 256# 1 * Top 91= 680 * Bot. 92= 865. *
 Unit ID 93= 124 CCKFKY Name of unit
 R= 90 * T= A M * 256# * Top 91= * Bot. 92= *
 Unit ID 93= Name of unit

HYDRAULICS

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)/ft²
 Storage coeff. 110= * Boundaries



RANKIN
K 164
9-17-74
Flow # 399

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

CODED

WATER WELL DRILLERS LOG

date well completed 9-17 firm name 74 Singer-Lewis Central Div. county well located Rankin

LANDOWNER:	description of formations encountered	from	to
Miss. State Hospital Whitfield, Miss (mailing address)	Yellow Clay	0	15
	Hard Clay	15	28
WELL LOCATION: sec. <u>26 T 5 N</u> R. <u>2 E</u> (distance) miles (direction) of (nearest town)	Hard Clay	28	61
	Hard Clay Shale	61	76
	Hard Clay	76	330
	Wicksburg Limestone	330	444
	Hard Shale	444	450
	Hard Shale	450	525
	Hard Shale	525	578
	Hard Shale	578	593
	Hard Shale	593	624
	Hard Shale	624	683
	Hard Shale Shale	683	740
	Hard Shale	740	815
	Hard Shale	815	836
	Britton Shale	836	905
	Rock	905	906
Hard Shale	906	909	
CODED			
WELL PURPOSE: <u>Domestic</u> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>18"</u>	If telescope see back.		
(2) total depth (feet) <u>939'</u>	size <u>60' 9" 10"</u>		
(3) static water level (feet) <u>172</u> below top of ground.			
(4) casing <u>Steel</u> <u>720'</u> (material) (depth)			
(5) screen <u>80'</u> (length) (depth to top)			
<u>10"</u> (size) <u>Stainless Steel</u> (material)			
(6) pump <u>150</u> <u>950</u> (HP) (yield gpm)			
<u>Electric</u> (type power)			
(7) electric log <u>yes</u> (yes or no)			
<u>U.S.G.S.</u> (organization running log)			
(8) how well bottom plugged <u>Valve</u>			
DRILLERS REMARKS:			

If well telescopes please sketch and show depths.

GROUND LEVEL

Large grid area for sketching ground level details.

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

SECTION

Please indicate well location X.

ADDITIONAL INFORMATION

Series of horizontal lines for providing additional information.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/2/96

UNIT DEQ #: _____ FILE #: B0702180

HEALTH DEPT. #: 610032-07 ELEV. 336'

USGS #: K164 CLWR #: GW0155.1

OWNER: MS State Hospital/Whitfield QUAD: Whitfield

LOCATION: NE/SW S 26 T 5N R 2E COUNTY: Rankin

LOCATION DESCRIPTION: North of Bldg 35

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/125 HP

GPS FIELD LOCATION: LAT. 32°14'44.5N LONG. 90°04'05.7" W

GPS CORRECTED LOCATION: LAT. ²⁴⁸³⁵⁹⁶32.24543264 LONG. ⁰⁶⁸¹³⁶⁸⁸90.07068123

REMARKS: Measured @ 12' south of well

32°14'43.29" 90°04'05.29

02- OBS well

1.4 from well to 469

