

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

TRANSMITTED FOR ADP
4/77

WELL RECORD

Record by WTO Date 3-23-76 County Rankin Well No. P89
GW01744 0610024-01 Florence E-log No. 421
Quad

GEN. SITE DATA

Site ID	321059090080901	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=	4 2 1	* Lat/Long.	9=	3 2 1 0 5 9	* 10=	0 9 0 0 8 0 9 *
Well No.	12=	P 0 8 9	* Loc	13=	S W S W S 1 8	T	0 4 N R 0 2 E *
Alt.	16=	3 3 0	* Hyd. Unit (OWDC)	20=			
Date	21=	0 2 / 2 5 / 1 9	* Well use	23=	W	* Water use	24= P * W A
Hole depth	27=	1 3 7 5	* Well depth	28=	1 2 9 5		
WL	30=	2 0 5	* Date	31=	0 4 / 0 0 / 1 9	* Source	33= D *

OWNER

R = 158 * T = (A) M * Date 159# 0 4 / 0 0 / 1 9 7 6 * Owner No. Well # 3
Owner 161= S O U T H E R N R A N K I N W A *

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 4 / 0 0 / 1 9 7 6 *
Drlr 63= 1 8 4 * Name: Owner 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 0 . *
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# 1 2 5 4 . *	83# . *
Bot. 84# 1 2 9 5 . *	84# . *
Type 85= S *	85= * SPRT
Diam. 87= 6 . *	87= . *
Size 88= 0 1 4 *	88= . *

YIELD

R = 134 (146) * T = (A) M * 147# 1 * Q 150= 1 5 0 . * Q/s 272= . *

LIFT

R= 42 * T=(A) M * Lift type 43# T * Intake 44= * Power type 45= E *
Date 38= 04/00/1976 * H.P. 46= 20 . *

LOGS

R= 198 * T=(A) M * Log 199# D * Top 200= 0 . * Bot. 201= 1375 . *
R= 198 * T=(A) M * Log 199# E * Top 200= 53 . * Bot. 201= 1365 . *
R= 189 * T=(A) * 190# 421 * 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= 1240 . * Bot. 92= 1335 . *
Unit ID 93= 124SPRT * 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

(2.31 gpm/ft rpt by driller)

rpt 30 ppm Color

pH= 8.8 CO₂= 0 Total Solids= 227
ALK= 201 Fe= .1 hard: trace
CL= 11 Mg= 0
SO₄= 7.7 Ca= 0
F= .5 Na= 108
 K= 1.0

RANKIN
P 89
4- 76
E Log # 421

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

CODED

WATER WELL DRILLERS LOG

date well completed Mill 1976 firm name GRINER DRILLING SERVICE county well located RANKIN

LANDOWNER: SOUTHERN RANKIN WATER ASSN.
Well # 3
 (mailing address)

WELL LOCATION: sec. 18 T. 4 N R. 2 E
 (distance) miles _____ of _____ (direction) (nearest town)

WELL PURPOSE: (home, irrigation, municipal, industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 10 3/4
 - (2) total depth (feet) 1295
 - (3) static water level (feet) 205 below top of ground.
 - (4) casing B.I. 1243 (material) (depth)
10 3/4 (size) if telescope see back.
 - (5) screen 40 1254 (length) (depth to top)
6 307 S.S. (1014) (size) (material)
 - (6) pump 20 150 (HP) (yield gpm)
Elect. (type power)
 - (7) electric log Yes (yes or no)
MGS (organization running log)
 - (8) how well bottom plugged BACK
WASH VALVE

description of formations encountered	from	to
Top Soil	0	3
CLAY	3	70
LIME ROCK/stumps of SAND	70	190
CLAY (YAZOO)	190	638
SANDY CLAY + SAND stumps	638	710
CLAY	710	830
SAND w/ clay stumps	830	902
CLAY + LIMESTONE bands	902	1119
SAND + CLAY stumps	1119	1228
SANDY CLAY	1228	1250
SAND, fine	1250	1338
CLAY, hard	1338	1395

CODED

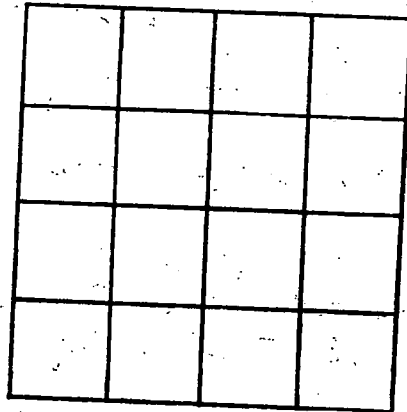
Sp. Capacity = 2.5177 @ 24in.

DRILLERS REMARKS:

(8)

If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

ADDITIONAL INFORMATION

Lined area for recording 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: 8/1/96

UNIT DEQ #: _____ FILE #: A080114D

HEALTH DEPT. #: 610024-01 ELEV. 329'

USGS #: P89 OLWR #: GW01744

OWNER: Southern Rankin W.A. #2 QUAD: Florence

LOCATION: SW/SW S 18 T 4N R 2E COUNTY: Rankin

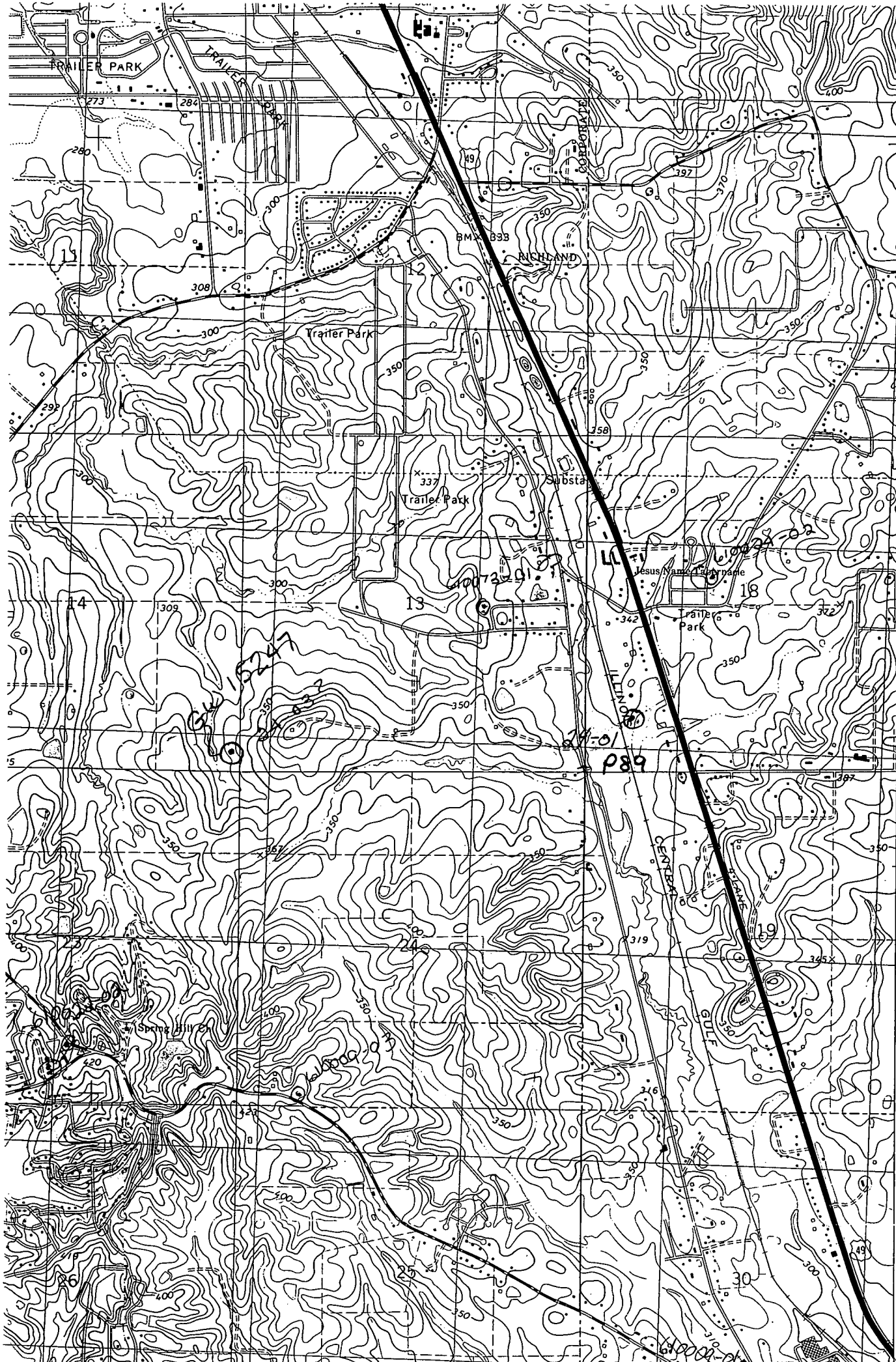
LOCATION DESCRIPTION: West of HWY 49 in middle of woods
sw of big tanks.

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/25 HP

GPS FIELD LOCATION: LAT. 32° 10.981' N LONG. 90° 08.367' W

GPS CORRECTED LOCATION: LAT. 32.18352348 LONG. 90.13931727

REMARKS: Measured 15' east of well



12'30"

3566

3565

3564

3563

10'

3562

(WHITFIELD)
2948 11 NE

STAR 6 MI.
MENDENHALL 20 MI.

TRAILER PARK

TRAILER

NICHLAND

Trailer Park

Trailer Park

JESUS MARTIN LUTHER KING JR. PARK

CENTRAL GULF

CORPORATE

BM 333

X 337

089

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