

1/81 WTO
Recorded by WTO
Date 11/3/83

well 11...
Elev. = 355
by Permit
File
map

7/3/96
Well No. P101
E-Log No. _____
County Rankin
MSGW 1742
2=W* Florence
Quad Q

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

Site ID 32 11 19 09 00 75 9 0 1 R=0* T=A*

GEN. SITE DATA
Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=21*
Lat. _____
Long. / 9=32 11 19 * 10=09 00 75 9 * Well No. 12=P101 *
SE
Location 13=SENE S 18 T 04 N R 02 E * Alt. 16=350. * 354
NW/SE/SE/NW
Hyd. Unit (DWDC) 20= * Date 21=09/01/1983 *
Well use 23=W * Water Use 24=P * Hole depth 27=1508. * Well depth 28=1296. *
WL 30=243. * WA Date 31=10/19/1983 * Source 33=D *
Status 273= * Project No. 5= *

OWNER
R=158* T=A* Date 159# 10/19/1983 * Owner No. _____
Owner 161# SOUTHERN RANKIN AW A *

FIELD QW
R=192* T=A* Date 193# / / / / / * Temp. 196#00010* 197= . . . *
R=192* T=A* Date 193# / / / / / * Cond. 196#00095* 197= . . . *
R=192* T=A* Date 193# 10/17/1983 * pH 196#00400* 197=8.9 *

CONSTR.
R=58* T=A* 59# 1* Date 60= 10/19/1983 * Remarks _____
Drlg. 63= 0.64 * Name Layne Method 65=H * Finish 66=5 *

CASING
R=76* T=A* 59# 1*
Top csgn. 77# 0. * Bot. csgn. 78= 1245. * Diam. 79# 12. *
R=76* T=A* 59# 1*
Top csgn 77# * Bot. csgn. 78= * Diam. 79# *

OPENINGS
R=82* T=A* 59# 1* Top 83# 1245. * Bottom 84= 1296. *
Type 85= S * Diam. 87= 8. * Size 88= *
R=82* T=A* 59# 1* Top 83# * Bottom 84= *
Type 85= * Diam. 87= * Size 88= *

SPRT

YIELD
R= 146 * T=A* 147# 1 * Q 150= 400. * Q/S 272= *
134 flows 146 pumped

R=42* T= A * Lift type 43# T* Intake 44= * Power type 45= E*

Date 38= 10/19/1983* H.P. 46= 75.*

LIFT

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1508.*

R=198* T= A * Log 199# * Top 200= * Bot 201= *

R=189* T= A * E Log No. 190# * 191= M I S S D I S T *

LOGS

R=114* T= A * Year 115# * 117= * 120= *

ANAL.

R=90* T= A * 256# 1 * Top 91= 1200.* Bot 92= 1310.*

Unit ID 93= 124SPRT* Name of Unit

R=90* T= A * 256# 1 * Top 91= * Bot 92= *

Unit ID 93= * Name of Unit

AQUIFERS

R=98* T= A * 99# 1 * Unit tested 100= * 103= *

R=105* T= A * 99# 1 * Test No. 106# *

107= * Transmissivity (gal/d)/ft

108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

HYDRAULICS

R=121* T= * Yr Begin 122# * Network 258# *

Water Level Data Collection (1)

Color=40

50' dd @ 400 gpm (vet)

Permit MS GW 1742
400 gpm } permitted
.160 mgd } amt

description of formations encountered	from	to
sandy clay	0	4
blue clay	4	76
lime rock	76	85
clay + sand, (tkw) rock	85	186
rock	186	187
clay	187	742
sandy clay	742	840
hard clay	840	896
sandy clay	896	1030
hard clay	1030	1136
rock	1136	1139
hard clay	1139	1230
sandy clay	1230	1315
sand	1315	1416
clay	1416	1457
sandy clay	1457	1508

RANKIN
P101

10/19/83

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

WATER WELL DRILLERS LOG

CODED

Oct. 19 1983 date well completed
Layne-Central Company Rankin firm name
Rankin county well located

LANDOWNER: Bo Rankin
W.A. Inc. % Eng. Services,
P.O. Box 4632 Jackson, MS
(mailing address) 39216

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

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 12"
 - (2) total depth (feet) 1306'
 - (3) static water level (feet) 243' below top of ground.
 - (4) casing steel (material), 1245' (depth)
12" (size) if telescope see back.
 - (5) screen 51' (length), 1245' (depth to top)
8" (size), stainless steel (material)
 - (6) pump 75 (HP), 400 (yield gpm)
electric (type power)
 - (7) electric log yes (yes or no) Layne
McKen Survey (organization running log)
 - (8) how well bottom plugged W.R.

description of formations encountered	depth	
	from	to
sandy clay	0	4
blue clay	4	76
lime rock	76	85
clay sand, stks.	85	186
rock	186	187
clay	187	742
sandy clay	742	840
hard clay	840	896
sandy clay	896	1030
hard clay	1030	1186
rock	1186	1189
hard clay	1189	1230
sandy clay	1230	1315
sand	1315	1416
clay	1416	1457
sandy clay	1457	1508

CODED

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

OCT 28 1983

RECEIVED

DRILLERS REMARKS:



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): Hardin/Phillips DATE: 7/3/96

UNIT DEQ #: _____ FILE #: A070320A

HEALTH DEPT. #: 610024-02 ELEV. 354'

USGS #: P101 OLWR #: GW01742

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

LOCATION: SE/NW S18 T4N R2E COUNTY: Rankin

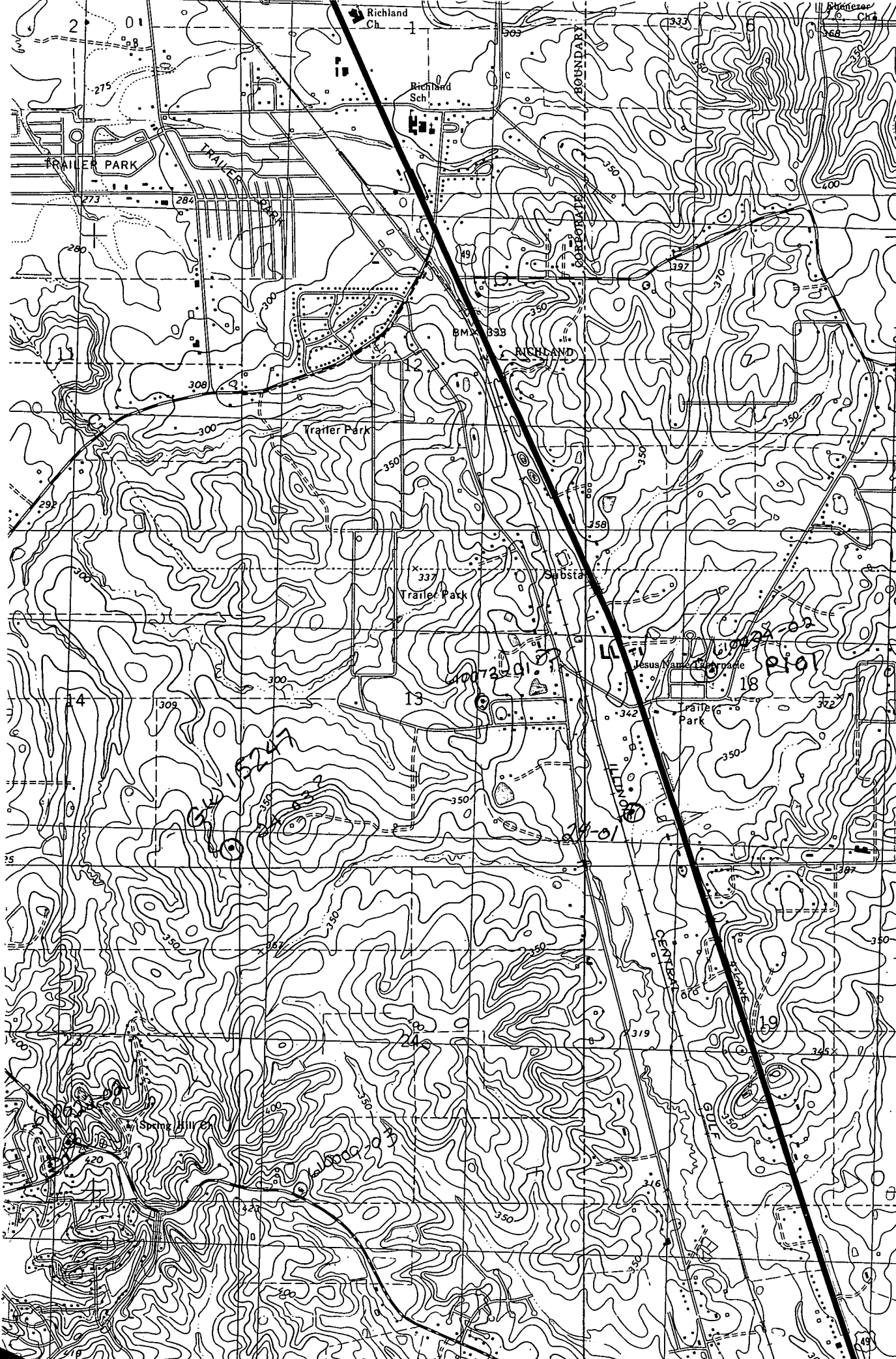
LOCATION DESCRIPTION: At elevated tank behind trailer
park east of Hwy 49

CASING DIA: _____ PUMP TYPE & SIZE: Turbine/75 HP

GPS FIELD LOCATION: LAT. 32°11.392'N LONG. 90°08.036'W

GPS CORRECTED LOCATION: LAT. 32.18959030 LONG. 90.13427849

REMARKS: Measured 140' ese of well



3568
12' 30"
3566
3565
3564
3563
10'
3562
20 MI.

(WHITFIELD)
2948 11 NE

10172491
18 P191