

6/78 WTO

7/3/96

Recorded by WTO

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Well No. U 75

Date 1/79

MISSISSIPPI DISTRICT

E-Log No. 481

WELL RECORD

TRANSMITTED FOR ADP County RANKIN

GW02230 0610081-01

APR 1979

Star Quad

Site ID 320618090042201 R-0* T-A* 2-W*

GEN. SITE DATA

Data reliab. 3-C*0 Report. agency 4-USGS* Dist. 6-28* 7-28* Co. 8-121*

Lat. Long. / 9-320518* 10-0900422* Well No. 12-U075*

NE NW Location 13-SWNW S 14 T 03 N 2 O 2 E* Alt. 16-41.0*

Hyd. Unit. (OWDC) 20- * Date 21-12.08.1978*

Well use. 23-W* Water Use 24-P* Hole depth 27-1912.* Well depth 28-1805.*

WL 30-2.60.* Date 31-03.10.1979.* Source 33-D*

Status 273- * Project No. 5- *

OWNER

R-158* T-A* Date 159# 03.10.1979* Owner No. T.H.#1 for Well #1

Owner 161-CENTRAL RANKIN W. A. * SPRT

FIELD CW

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# / / / * pH 196#00400* 197- *

CONSTR.

R-58* T-A* 59# 1* Date 60-03.10.1979* Remarks

Drlg. 63-064.* Name Layne Central Method 65-H* Finish 66-B*

CASING

R-76* T-A* 59# 1*

Top csng. 77# 0.* Bot. csng. 78- * Diam. 79# 1.0.* *

R-76* T-A* 59# 1*

Top csng 77# * Bot. csng. 78- * Diam. 79# *

OPENINGS

R-82* T-A* 59# 1* Top 83# 1745.* Bottom 84-1805.*

Type 85-S* Diam. 87- 6.* Size 88- *

R-82* T-A* 59# 1* Top 83# * Bottom 84- *

Type 85- * Diam. 87- * Size 88- *

YIELD

R- 146* T-A* 147# 1* Q 150- 429.* Q/S 272- 19.5*

134 flows 146 pumped

R=42* T= A * Lift type 43# T* Intake 44= 350 * Power type 45= E *

LIPT Date 38- 03/10/1979 * H.P. 46= 75. * *

LOGS
 R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 190.4. *
 R=198* T= A * Log 199# E * Top 200= 0. * Bot 201= 191.2. *
 R=189* T= A * E-Log No. 190# 48.1 * 191= M I S S D I S T *

ANAL. R=114* T= A * Year 115# * Type 120= *

AQUIFERS
 R=90* T= A * 256# 1 * Top 91= 170.0. * Bot 92= 180.6. *

Unit ID 93= 124SPRT * Name of Unit

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

Unit ID 93= * Name of Unit

HYDRAULICS
 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

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

Water Level Data Collection (1)

22'dd @ 429 gpm

description of formations encountered	from	to
Hard Sandy Clay	0	5
Hard Clay Brittle	5	38
Blue Clay Hard	38	105
Lime	105	115
Hard Shale	115	275
Sandy shale & Hard Shale	225	352
Clay, Sand & Sand Shale	352	367
Shale & Sand Shale	367	444
Hard Shale	444	812
Sandy shale	812	915
Hard Sand & Shale	915	979
Sandy shale	979	1120
Hard Sand & Shale Shale	1120	1250
Shale & Sand Shale	1250	1305
Hard Lime	1305	1340
Hard Shale	1340	1360
Lime & Sand Shale	1360	1390
Sandy shale & Hard Shale	1390	1490
Hard Shale	1490	1495
Sandy shale	1495	1580
Hard Shale & Sand Shale	1580	1628
Sand & Shale Shale	1628	1685
Shale & Sand Shale	1685	1740
Shale & Sand Shale	1740	1867
Shale & Sand Shale	1867	1904

RANKIN
U75
3-10-79
Elog # 481

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

17
CODED

WATER WELL DRILLERS LOG

3-10 date well completed 1979 firm name *Leone Central Company* Rankin county well located

LANDOWNER:	description of formations encountered	from	to
<i>Central Rankin</i>	<i>Hard Sandy Clay</i>	0	5
<i>Water Association, Inc.</i>	<i>Hard Clay, Brittle</i>	5	38
(mailing address)	<i>Blue Clay, Hard</i>	38	105
WELL LOCATION:	<i>Lime</i>	105	115
sec <u>14</u> T <u>3</u> N R <u>2</u> E	<i>Hard Shale</i>	115	225
miles _____ of _____	<i>Sandy shale & Hard streaks</i>	225	352
(distance) (direction) (nearest town)	<i>Lime Rock & Sand streaks</i>	352	367
WELL PURPOSE: <i>Domestic</i>	<i>Shale & Sand streaks</i>	367	444
(home, irrigation, municipal, industrial)	<i>Hard Shale</i>	444	812
WELL COMPLETION DATA:	<i>Sandy shale</i>	812	915
(1) diameter (inches) <u>10"</u>	<i>Fine Sand & Shale</i>	915	979
(2) total depth (feet) <u>1815'</u>	<i>Sandy shale</i>	979	1120
(3) static water level (feet) <u>260'</u> below above top of ground.	<i>Fine Sand & Shale streaks</i>	1120	1250
(4) casing <u>Steel</u> <u>1745'</u> (material) (depth)	<i>Shale & Sand streaks</i>	1250	1305
<u>10"</u> if telescope see back. (size) <u>60' 3 6"</u>	<i>Hard Lime</i>	1305	1340
(5) screen <u>60'</u> <u>1745'</u> (length) (depth to top)	<i>Hard Shale</i>	1340	1360
<u>6"</u> (size) <u>Stainless Steel</u> (material)	<i>Lime & Rock streaks</i>	1360	1390
(6) pump <u>75</u> <u>400</u> (HP) (yield gpm)	<i>Sandy shale & Hard streaks</i>	1390	1490
<u>Electric</u> (type power)	<i>Hard Shale</i>	1490	1495
(7) electric log <u>Yes</u> (yes or no)	<i>Sandy shale</i>	1495	1580
<u>Miss. Geo. Survey</u> (organization running log)	<i>Hard Shale & Sand streaks</i>	1580	1628
(8) how well bottom plugged <u>Valve</u>	<i>Sand & Shale streaks</i>	1628	1685
DRILLERS REMARKS:	<i>Shale & Sand streaks</i>	1685	1740
	<i>Shale & Sand streaks</i>	1740	1867
	<i>Shale & Sand streaks</i>	1867	1904

Miss. Board of Water Comm.

MAR 21 1979

RECEIVED



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: 7/3/96

UNIT DEQ #: _____ FILE #: A070316C

HEALTH DEPT. #: 610081-01 ELEV. 410'

USGS #: 475 OLWR #: GW02230

OWNER: Central Rankin W.A. QUAD: Star

LOCATION: NW/NW S 14 T 3N R 2E COUNTY: Rankin

LOCATION DESCRIPTION: At elevated tank on Old Hwy 49
just west of Westville Rd

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

GPS FIELD LOCATION: LAT. 32°¹⁵06.250' N LONG. 90°^{18.12}04.302' W

GPS CORRECTED LOCATION: LAT. 32.10427510 LONG. 90.07172155

REMARKS: Measured 70' North of well

