

6/78WTO

TRANSMITTED FOR ADP

7/31/96

Recorded by WTO

U.S. GEOLOGICAL SURVEY

Well No. X105

Date 2/17

WATER RESOURCES DIVISION

E-Log No. 485

MISSISSIPPI DISTRICT

WELL RECORD DEC 1979

County Rankin

Puckett Quad

Site ID 320631089450801 R=0* T=A*

2=W* GWO1580 0610030-02

GEN. SITE DATA

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

Lat. Long. 9=320631* 10=0894508* Well No. 12=X105*

Location 13=SWSEYS 11 T 03N R 05E* Alt. 16=400. * 403

Hyd. Unit (OWDC) 20= Date 21=01/25/1979*

Well use 23=W* Water Use 24=P* Hole depth 27=1420.* Well depth 28=1378.*

WL 30=208.* Date 31=09/01/1979* Source 33=D*

Status 273= Project No. 5=

OWNER

R=158* T=A* Date 159# 09/01/1979* Owner No. T.N.#1 for Well#2

Owner 161=UNION WA

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# pH 196#00400* 197=

CONSTR.

R=58* T=A* 59#1* Date 60=09/01/1979* Remarks

Drlg. 63=184* Name Griner Drlg Method 65=H* Finish 66=S*

CASING

R=76* T=A* 59#1* Top csng. 77# 0.* Bot. csng. 78=1332.* Diam. 79# 10.*

R=76* T=A* 59#1* Top csng 77# 1272.* Bot. csng. 78=1338.* Diam. 79#

OPENINGS

R=82* T=A* 59#1* Top 83# 1338.* Bottom 84=1378.*

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=188.* Q/S 272=

134 flows 146 pumped

LIFT

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

Date 38= 09/01/1979 * H.P. 46= 25. * *

LOGS

R=198* T= A * Log 199# E * Top 200= 25. * Bot 201= 1400. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 1420. *

R=189* T= A * E Log No. 190# 485 * 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= 1155. * Bot 92= 1400. *

Unit ID 93= 124 S.P.R.T. * 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= * Hydraulic cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

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

Water Level Data Collection (1)

description of formations encountered	from	to
TOP SOIL	0	3
CLAY	3	50
SAND	50	140
CLAY	140	224
SAND STREAKS	224	244
CLAY	244	372
SAND + MARL	372	602
CLAY	602	740
SAND	740	756
CLAY	756	770
SAND	770	810
SAND + CLAY STREAKS	810	842
CLAY + LIMESTONE	842	1036
SAND, FINE	1036	1120
CLAY	1120	1154
SAND, FINE w/ clay streaks	1154	1400
CLAY	1400	1420

RANKIN
X 105
9/79
FL # 485

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

WATER WELL DRILLERS LOG **CODED**

95-1979 GRINER DRILLING SER. RANKIN
 date well completed firm name county well located

LANDOWNER: UNION WATER ASSOCIATION, WELL NO. 2
 (mailing address)

WELL LOCATION: NE 1/4 SW 1/4 sec. 11 T. 3 N. R. 5 E
 (distance) miles (direction) of (nearest town)

WELL PURPOSE: Normal water supply
 (home, irrigation, (municipal) industrial)

- WELL COMPLETION DATA:
- (1) diameter (inches) 10 3/4"
 - (2) total depth (feet) 1378
 - (3) static water level (feet) 207.63 below above top of ground.
 - (4) casing Steel 1332
 (material) (depth)
10 3/4" if telescope see back.
 (size)
 - (5) screen 40' 1338'
 (length) (depth to top)
6" 304 S.S.
 (size) (material)
 - (6) pump 25 188
 (HP) (yield gpm)
Elect.
 (type power)
 - (7) electric log Yes
 (yes or no)
MGS
 (organization running log)
 - (8) how well bottom plugged BACK
WASH DRIVE

description of formations encountered	from	to
Top soil	0	3
CLAY	3	50
SAND	50	140
CLAY	140	224
SAND STREAKS	224	244
CLAY	244	292
SAND + MARL	292	602
CLAY	602	740
SAND	740	756
CLAY	756	770
SAND	770	810
SAND + CLAY STREAKS	810	842
CLAY + LIMESTONE	842	1036
SAND, FINE	1036	1120
CLAY	1120	1154
SAND, FINE w/ clay str.	1154	1400
CLAY	1400	1420

CODED

Miss. Board of Water Comm.

SEP 19 1979

RECEIVED

DRILLERS REMARKS:

RANKIN
 X-105
 X 79
 ELEV 485

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

CODED

WATER WELL DRILLERS LOG

19 79 GRINER DRILLING SER. RANKIN
 date well completed firm name county well located

LANDOWNER: UNION WATER ASSOCIATION, WELL NO. 2
 (mailing address)

WELL LOCATION: NE 1/4 S 1/4 SEC 11 T 30 N R 5 E S W
 (distance) miles (direction) of (nearest town)

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

- WELL COMPLETION DATA:
- (1) diameter (inches) 10 3/4
 - (2) total depth (feet) 1378
 - (3) static water level (feet) 200 below above top of ground.
 - (4) casing steel 1338'
 (material) (depth)
10 3/4" If telescope see back.
 (size)
 - (5) screen 40ft. 1338
 (length) (depth to top)
6 304 S.S. C.O.I
 (size) (material)
 - (6) pump 25 150
 (HP) (yield gpm)
Elect
 (type power)
 - (7) electric log YES
 (yes or no)
MGS
 (organization running log)
 - (8) how well bottom plugged BACK
WITH VALVE

description of formations encountered	from	to
TOP SOIL	0	3
CLAY	3	50
SAND	50	140
CLAY	140	224
SAND streaks	224	244
CLAY	244	572
SAND + MARL	572	606
CLAY CODED	606	740
SAND	740	756
CLAY	756	770
SAND	770	810
SAND + CLAY STREAKS	810	842
CLAY + LIMESTONE	842	1036
SAND, FINE	1036	1120
CLAY	1120	1154
SAND with clay streak	1154	1400
CLAY	1400	1420

DEPT. OF NATURAL RESOURCES
 BUREAU OF LAND & WATER RESOURCES

FEB 26 1980

RECEIVED

DRILLERS REMARKS:

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

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

UNIT DEQ #: _____ FILE #: A073118A

HEALTH DEPT. #: 610030-02 ELEV. 403

USGS #: X105 OLWR #: GW01580

OWNER: Union W.A QUAD: Puckett

LOCATION: SW/SE S 11 T 3N R 5E COUNTY: Rankin

LOCATION DESCRIPTION: On Johns - Mayton Rd (North side)
0.15 miles from Hwy 13

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

GPS FIELD LOCATION: LAT. 32° 06.498' N LONG. 89° 45.058' W

GPS CORRECTED LOCATION: LAT. 32.10803505 LONG. 89-75125015

REMARKS: Measured 30' SE of well
610030-01 & 02 in same fenced area, used
same file for both (~~both~~)

GPS

PUCKETT QUADRANGLE MISSISSIPPI 7.5 MINUTE SERIES (TOPOGRAPHIC)

30-8 11 NW
(POLKVILLE)

47°30' PELAHATCHIE 17 MI.
RUFUS 4.5 MI. 238 239 680 000 FEET 89°45' 32°07'30"

590 000
FEET

3556

DANIEL 2.7 MI.
MORTON 21 MI.

3554

3553

3552

30-01
30-02
2.5' PART
X105

