

1/81 WFO

GW02231
0610081-02

Star 7/3/96
2490

Recorded by

WFO

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

Well No.

U 82

Date

5/20/91

Log No.

517

County

Rankin

TRANSMITTED FOR APP

Star Quad

Site ID

320614090040701

R=0*

T=A*

2=W*

Data reliab.

3=C*
U

Report agency

4=USGS*

Dist.

6=28*

7=28*

Co.

8=121*

Lat.

Long.

9=320614*

10=0900407*

Well No.

12=U082*

Location

13=N 1/2 N W 1/4 T 03 N R 02 E*

Alt.

16=38.9*

Hyd. Unit (OWDC)

20=

Date

21=04/23/1981*

Well use

23=W*

Water Use

24=P*

Hole depth

27=1840*

Well depth

28=1752*

WL

30=24.8*

Date

31=11/01/1981*

Source

33=D*

Status

273=

Project No.

5=

R=158*

T=A*

Date

159# 11/01/1981*

Owner No.

TH for well #2

Owner

161# CENTRAL RANKIN W A *

S.P.R.T.

R=192*

T=A*

Date

193# 05/13/1983*

Temp.

196#00010*

197=33.0*

R=192*

T=A*

Date

193# / / *

Cond.

196#00095*

197=

R=192*

T=A*

Date

193# 05/13/1983*

pH

196#00400*

197=8.2*

R=58*

T=A*

59# 1*

Date

60=11/01/1981*

Remarks

Drlg.

63=001*

Name

Lipe Well Sup

Method

65=H*

Finish

66=5*

R=76*

T=A*

59# 1*

Top csgn.

77# 0.*

Bot. csgn.

78=1690.*

Diam.

79# 12.*

R=76*

T=A*

59# 1*

Top csgn

77# 1594.*

Bot. csgn.

78=1692.*

Diam.

79# 8.*

R=82*

T=A*

59# 1*

Top

83# 1692.*

Bottom

84=1752.*

Type

85=S*

Diam.

87=8.*

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=500.*

Q/S

272=

134 flows 146 pumped

LIFT

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

Date 38= 11/01/1981* H.P. 46= 7.5.*

LOGS

R=198* T= A * Log 199# E* Top 200= 440.* Bot 201= 1840.*

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 1770.*

R=189* T= A * E Log No. 190# 51.7* 191= M I S S D I S T *

ANAL.

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

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 1.6.6.5.* Bot 92= 1.7.6.5.*

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)

Color = 15

description of formations encountered	from	to
SANDY CLAY	0'	10'
SAND + CLAY STREAKS	10'	38'
HARD CLAY	38'	110'
SANDY CLAY	110'	136'
ROCK	136'	137'
SANDY CLAY	137'	183'
CLAY	183'	240'
SANDY CLAY	240'	274'
CLAY + SAND STREAKS	274'	301'
HARD CLAY	301'	371'
CLAY + SAND STREAKS	371'	382'
HARD CLAY	382'	461'
SANDY CLAY	461'	474'
CLAY	474'	533'
ROCK	533'	554'
CLAY	534'	558'
CLAY + SAND STREAKS	558'	600'
SAND + CLAY STREAKS	600'	670'
SAND	670'	767'
SANDY CLAY	767'	814'

Rankin
U82
11/81

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

CODED

WATER WELL DRILLERS LOG

11-81-1981 date well completed
Lipe Well Supply firm name
Rankin county well located

LANDOWNER:
Central Rankin Univ
Star, Miss
(mailing address)

WELL LOCATION:
sec. 14 T. 30 R. 2 E
1 miles N of STAR
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:
(1) diameter (inches) 12"
(2) total depth (feet) 1750
(3) static water level (feet) 248 below top of ground.
(4) casing Steel 1690
(material) (depth)
8 If telescope see back.
(size)
(5) screen 60' 1692
(length) (depth to top)
8" 304 SS
(size) (material)
(6) pump 75 560
(HP) (yield gpm)
Elect
(type power)
(7) electric log V.S.
(yes or no)
Miss. Div. Survey
(organization running log)
(8) how well bottom plugged sig. T

description of formations encountered	from	to
Brown & white clay	0	24
Grey clay, shale	24	64
Light & red sandy clay	64	104
Green & blue clay	104	164
Fine sand & clay	164	184
Green clay, sand	184	224
Green clay, shale	224	324
Green clay, shale	324	339
Rock	339	339
Grey clay	339	342
Rock	342	343
Light & dark shale	343	404
Dark shale	404	523
Dark shale, pond	523	523
Red shale	523	663
Red. clay	663	763
Green clay	763	907
Yellow & green shale	907	942
Green clay & sand	942	1002
Green sand, shale	1002	1122
Fine dust, sand	1122	1200
Green clay & sand	1200	1281
Shale & hard lime	1281	1301
Dark sand, lime	1301	1361
White shell	1361	1410
Fine sand	1410	1480
Fine sand	1480	1520
Fine sand	1520	1540
Fine dust, sand	1540	1600
Fine sand	1600	1640
Fine sand	1640	1670
Shale & sand	1670	1700
Fine sand	1700	1770

DRILLERS REMARKS:

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES

MAY 26 1982

RECEIVED

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hardin/Phillips DATE: 7/3/96

UNIT DEQ #: _____ FILE #: A070316D

HEALTH DEPT. #: 610081-02 ELEV. 390'

USGS #: U82 OLWR #: GW02231

OWNER: Central Rankin W.A QUAD: Star

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

LOCATION DESCRIPTION: On North side of Old Hwy 49
just east of Westville Rd.

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

GPS FIELD LOCATION: LAT. 32° 06.239' N LONG. 90° 04.121' W

GPS CORRECTED LOCATION: LAT. ~~32.10427510~~ LONG. ~~90.07172155~~
32.103946 90.068936

REMARKS: Measured 90' s of well

610081-02 90' From 610081-01

A07 AUG

A070316D

