1/81 WTO

Recorded by JCourt

Date 7/28/81

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

TRANSMITTED FOR ADP

No longer measured Tchula
Replaced by K-201

Well No. K21

E-Log No.

County Holmes

Site ID 5 33 10 18 09 01 14 20 1 19 | R=0* | T= A * | 2=W*

Data reliab. 3=U* C U | Report. agency 4=USGS* | Dist. 6=28* | 7=28* | Co. 8=051*

GEN. SITE DATA

Lat. Long./ 9=33 10 18* | 10=090142* | Well No. 12=K021*

Location 13=NW NE S09 T15N R01E* (See back file) | Alt. 16=111.* 110

Hyd. Unit(OWDC) 20=* | Date 21=04 07 1981*

Well use 23=W* | Water Use 24=Q* | Hole depth 27=105.* | Well depth 28=105.*

WL 30=15.* | Date 31=04 07 1981* | Source 33=D*

Status 273 =* | Project No. 5=*

OWNER

R=158* | T= A * | Date 159#04 07 1981* | Owner No.

Owner 161#TCHULA LAKE FARMS*

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=04 07 1981* | Remarks

Drlg. 63=4 07* | Name DREILING | Method 65=R* | Finish 66=S*

CASING

R=76* | T= A * | 59#1* | Steel

Top csgn. 77#0.* | Bot. csgn. 78=65.* | Diam. 79#16.*

R=76* | T= A * | 59#1*

Top csng 77#.* | Bot. csgn. 78=.* | Diam. 79#.*

OPENINGS

R=82* | T= A * | 59#1* | Top 83#65.* | Bottom 84=105.*

Type 85=L* | Diam. 87=16.* | 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=350.* | Q/S 272=.*

134 flows 146 pumped

LIFT

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

Date 38= 04/07/1981 * | H.P. 46= 65. *

LOGS

R=198* | T= A * | Log 199# 1 * | Top 200= 0. * | Bot 201= 105. *

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 *

ANAL.

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

AQUIFERS

R=90* | T= A * | 256# 1 * | Top 91= 65. * | Bot 92= 105. *

Unit ID 93= 112MRVA * | Name of Unit Alluv.

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)/ft^2

110= . * | Storage coeff. | Boundaries

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

Water Level Data Collection (1)

2 miles W of Tchula

description of formations encountered	from
Clay top	0
Clay	5
Clay brown	10
Brown clay	15
Brown clay	20
Brown clay-sand stone	25
Blue clay	30
Blue clay	35
Blue clay	40
Blue clay	45
Blue clay	50
Blue clay	55
Blue clay-coarse sand	60
Coarse sand	65
Coarse sand	70
Coarse sand	75
Coarse sand & gravel	80
Coarse sand & gravel	85
Coarse sand & gravel	90
Coarse sand & gravel	95
Coarse sand-gravel Bottom hole	
	100

Holmes
K21
4-7-81

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

CODED

WATER WELL DRILLERS LOG

437 19 81 Dreiling & Associates Holmes
date well completed firm name county well located

LANDOWNER: Tchula Lake Farms

P. O. Box 159

Tchula, MS 39169
(mailing address)

WELL LOCATION:

sec. 9 T. 15 (N) S R. 1 (E) W

2 miles W of Tchula
(distance) (direction) (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 16"

(2) total depth (feet) 105'

(3) static water level (feet) 15' (below) above top of ground.

(4) casing steel (material), 65' (depth),
16" (size) If telescope see back.

(5) screen 40 (length), 65' (depth to top)
16" (size), steel (material)

(6) pump 65 (HP) 3500 (yield gpm)
Deisel (type power)

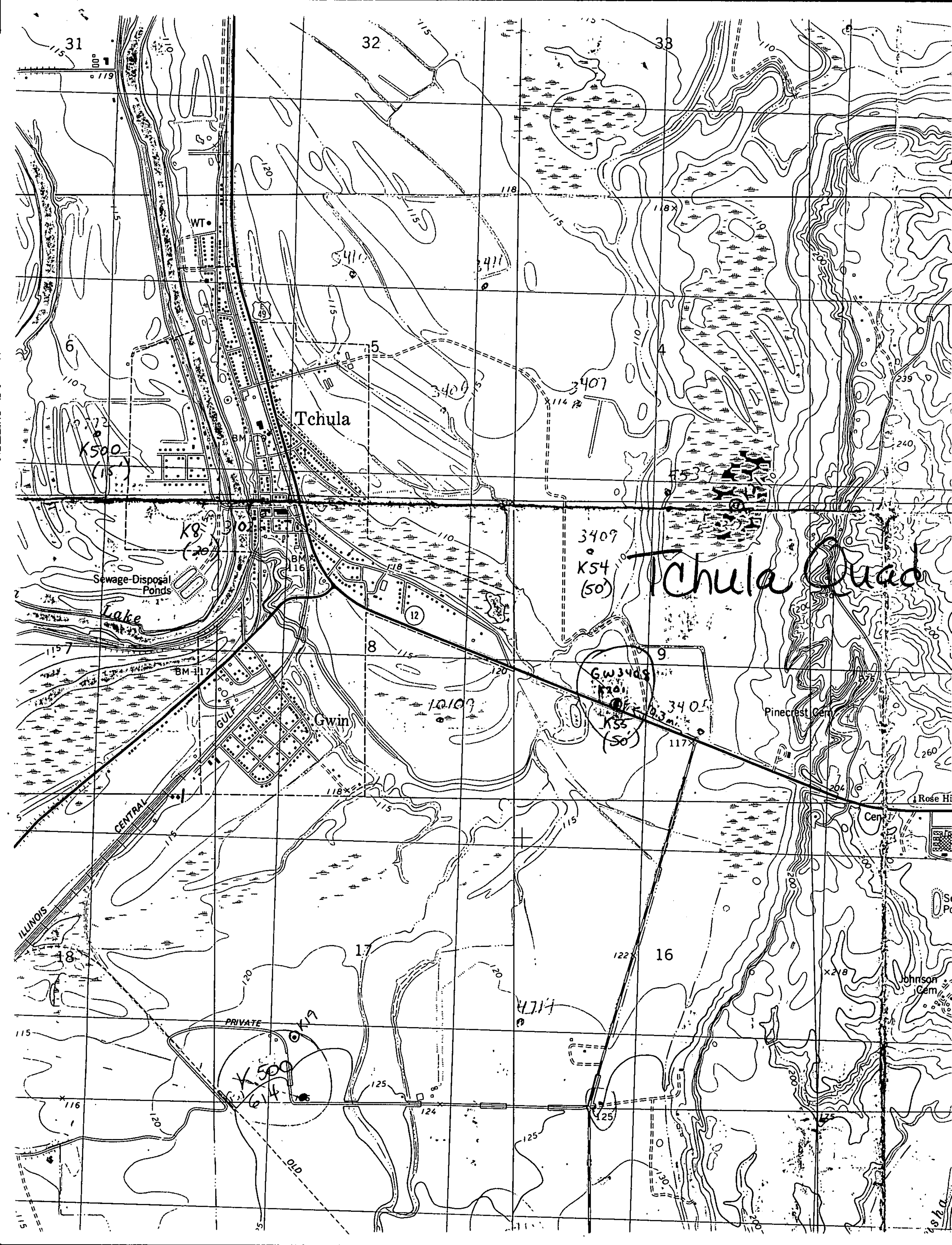
(7) electric log No (yes or no)
No (organization running log)

(8) how well bottom plugged steel plug

DRILLERS REMARKS:

description of formations encountered	from	to
Clay top	0	5
Clay	5	10
Clay brown	10	15
Brown clay	15	20
Brown clay	20	25
Brown clay-sand stone	25	30
Blue clay	30	35
Blue clay	35	40
Blue clay	40	45
Blue clay	45	50
Blue clay	50	55
Blue clay	55	60
Blue clay-coarse sand	60	65
Coarse sand	65	70
Coarse sand	70	75
Coarse sand	75	80
Coarse sand & gravel	80	85
Coarse sand & gravel	85	90
Coarse sand & gravel	90	95
Coarse sand & gravel	95	100
Coarse sand-gravel Bottom hole	100	105

RECEIVED
MAY 1981



31
32
33
6
5
4
7
8
9
18
17
16
WT
49
Tchula
BM 119
BM 116
BM 117
Sewage-Disposal Ponds
Lake
12
Gwin
GULF
ILLINOIS
CENTRAL
PRIVATE
OLD
Pinecrest Cem
Cem
Rose Hi
Johnson Cem
Tchula Quad
K500 (15')
K8 (20')
3409
K54 (50')
3407
3411
K55 (50')
K19
K500
10109
4714