GW 12827 Whiting Bayou

1/81 WTO

TRANSMITTED FOR ADP

U.S. GEOLOGICAL SURVEY 6/84
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT
WELL RECORD

Well No. C45
E-Log No. 107
County ISSAQUENA

Recorded by ND
Date 5-30-84

Site ID 324604091063302 (5–19) R=0* T=A* 2=W*

GEN. SITE DATA

Data reliab. 3=C* (C U) Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=055*

Lat. / Long. 9=324604* 10=0910633* Well No. 12=C045*

Location 13=Irreg. S T N R 09W* Alt. 16=105.*

Hyd. Unit(OWDC) 20=* Date 21=02/17/1984*

Well use 23=W* Water Use 24=P* Hole depth 27=1186.* Well depth 28=955.*

WL 30=32.* Date 31=02/17/1984* Source 33=D*

Status 273=* Project No. 5=*

OWNER

R=158* T=A* Date 159#02/17/1984* Owner No.

Owner 161#TALLULA UTIL DIST*

FIELD OW

R=192* T=A* Date 193#07/23/1984* Temp. 196#00010* 197=26.0*

R=192* T=A* Date 193#/ / * Cond. 196#00095* 197=*

R=192* T=A* Date 193#07/23/1984* pH 196#00400* 197=8.4*

CONSTR.

R=58* T=A* 59#1* Date 60=02/17/1984* Remarks

Drlg. 63=064* Name LAYNE CENTRAL Method 65=H* Finish 66=S*

CASING

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

Top csgn. 77#0.* Bot. csng. 78=928.* Diam. 79#10.*

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

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

OPENINGS

R=82* T=A* 59#1* Top 83#930.* Bottom 84=955.*

Type 85=S* Diam. 87=16.* Size 88=*

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

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

YIELD

R=410* T=A* 147#1* Q 150=200.* Q/S 272=*

134 flows 146 pumped

226 @ 70'

LIFT

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

Date 38= 02/17/1984 * H.P. 46= 25 *

LOGS

R=198* T= A * Log 199# E * Top 200= 40. * Bot 201= 1184. *

R=198* T= A * Log 199# D * Top 200= 0. * Bot 201= 1186. *

R=189* T= A * E Log No. 190# 107 * 191= M I S S I S S I P *

ANAL.

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

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 933. * Bot 92= 967. *

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)/ft^2

110= . * Storage coeff. Boundaries

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

Water Level Data Collection (1)

dd 100' @ 226 gpm

F = 2.5 * above contaminant level

1.7 resampled @ 2.1

Color 200 units

TDS 963 ppm

sandy clay	0	19
blue clay	19	24
sand	24	60
coarse sand	60	92
coarse sand/pea gravel	92	118
coarse sand/gravel	118	131
clay	131	137
sand	137	190
sandy clay	190	221
sand	221	250
sand/stks.of shale	250	307
clay	307	318
sand	318	416
sandy clay	416	420
rock	420	422
sandy clay	422	473
clay	473	491
sand	491	555
shale	555	610
shale	610	734
clay	734	767
sand/stks.of clay	767	777
shale	777	827
sandy shale	827	933
clay	933	967
sand/clay stks.	967	1071
clay	1071	1174
sand	1174	1186
sand and shale	1186	

ISSAQUENA
CL-2592 C45
2-17-84
GW 12827

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
Bureau of Land and Water Resources
Southport Mall
P.O. Box 10631
Jackson, Mississippi 39209
CODED

WATER WELL DRILLERS LOG

2-17 (date well completed) 1984 LAYNE CENTRAL COMPANY (firm name) ISSAQUENA (county well located)

LANDOWNER:
TALLULA UTILITY DISTRICT

near MAYERSVILLE, MS
(mailing address)

WELL LOCATION:
sec. 12 T. 11 N R. 9 W

2 (distance) miles S (direction) of Tallula (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 15"

(2) total depth (feet) 960'3"

(3) static water level (feet) 32' below top of ground.

(4) casing steel (material), 928' (depth), 10" (size) If telescope see back.

(5) screen 25'3" (length), 930 (depth to top), 6" (size), st. steel (material)

(6) pump 25 (HP) 200 (yield gpm) electric (type power)

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

(8) how well bottom plugged 4"BP valve

DRILLERS REMARKS:

description of formations encountered	from	to
sandy clay	0	19
blue clay	19	24
sand	24	60
coarse sand	60	92
coarse sand/pea gravel	92	118
coarse sand/gravel	118	131
clay	131	137
sand	137	190
sandy clay	190	221
sand	221	250
sand/stks.of shale	250	307
clay	307	318
sand	318	416
sandy clay	416	420
rock	420	422
sandy clay	422	473
clay	473	491
sand	491	555
shale	555	610
clay	610	734
sand/stks.of clay	734	767
shale	767	777
sandy shale	777	827
clay	827	933
sand/clay stks.	933	967
clay	957	1071
sand	1071	1174
sand and shale	1174	1186

CODED

DEPT. OF NATURAL RESOURCES
BUREAU OF LAND & WATER RESOURCES
MAY 17 1984
RECEIVED

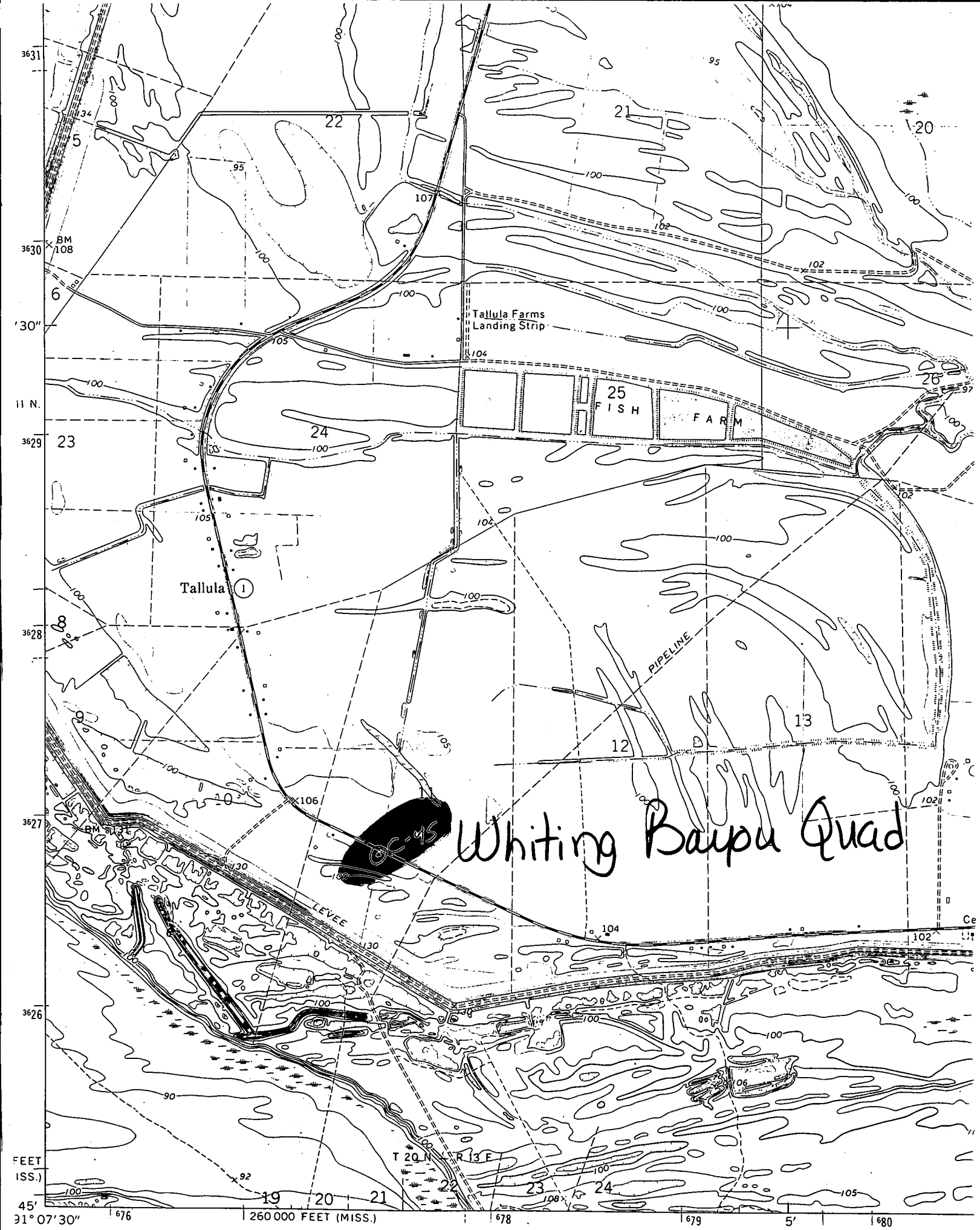
SPARTA DATA SHEET-VERIFICATION CHECKLIST

WHITING BAYOU

COUNTY ISSAQUENA

	CHECKED
WELL OWNER TALLULA UTIL DIST	
U.S.G.S. NO. C45	
B.O.H. NO	
OLWR NO.	
LOCATION:	
MAP SW 11 T11N R9W (irreg sec)	
GPS	
ELEV. (MSL) 105	
W.L. (L.S.) (1) 18.1	
(2)	
HEAD (MSL) 86.9	
SCREENED INTERVAL 930 - 955	
AQUIFER VERIFIED SPARTA SAND	
PREVIOUS W.L. 32 (2-17-84)	
DATA ENTERED	

EHB



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