

6/78.WTO

Recorded by

Date

WTO
3/20/79

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

TRANSMITTED FOR ADP

Well No. Q14
E-Log No.
County CARROLL
Vaiden Quad

GEN. SITE DATA

Site ID 331631089441701 R=0* T=A* 2=W*

Data reliab. 3-U* Report. agency 4-USGS* Dist. 6=28* 7=28* Co. 8=015*

Lat. Long. / 9=331631 * 10=0894417 * Well No. 12=Q014 *

NW NE Location 13=NWNE S 12 T 16 N R 05 E * Alt. 16=297. *

Hyd. Unit (OWDC) 20= * Date 21=03/13/1979 *

Well use 23=W * Water Use 24=I * Hole depth 27=300. * Well depth 28=295. *

WL 30=1.2. * Date 31=03/13/1979 * Source 33= *

Status 273= * Project No. 5= *

OWNER

R=158* T=A* Date 159#03/13/1979 * Owner No. _____

Owner 161=U.S. CATTLE CORP. * *R.W. Wade*

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=03/13/1979 * Remarks _____

Drig. 63=087 * Name Butane Gas Method 65=H * Finish 66=S *

CASING

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

Top csng. 77# 0. * Bot. csng. 78=255. * Diam. 79# 4. *

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

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

OPENINGS

R=82* T=A* 59#1* Top 83# 255. * Bottom 84=295. *

Type 85=S * Diam. 87=4. * 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= 50. * Q/S 272= . . *

134 flows 146 pumped

LIFT

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

Date 38- 03/13/1979* H.P. 46= 3.*

LOGS

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 300.*

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# * Type 120= *

AQUIFERS

R=90* T= A * 256# 1 * Top 91= 234.* Bot 92= 300.*

Unit ID 93= 124M U W X * 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

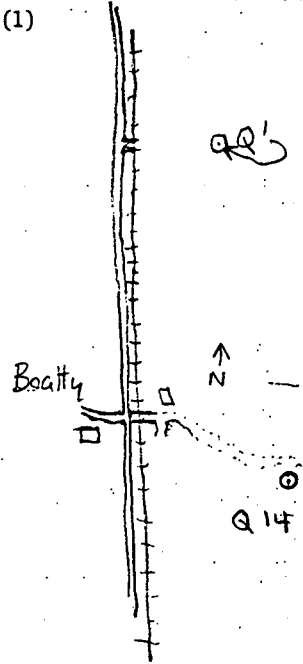
108= * Hydraul. cond. (gal/d)/ft²

110= * Storage coeff. Boundaries

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

Water Level Data Collection (1)

9/1/93 PEG/JG
 20.00 21.00
 2.92 3.95
 17.08 17.05
 -1.25
 15.83



description of formations encountered	from	to
CLAY	0	3.1
Sand	3.1	4.4
CLAY	4.4	7.0
Sand & CLAY	7.0	10.5
CLAY	10.5	12.0
Sand & CLAY	12.0	23.4
Big white Sand	23.4	30.0

Q14 4" plastic well on side of Rd over barbed wire fence
 sub pump
 cut elect. before measure
 electric box on pole near well
 LSC = 1.25 above GL

CARROLL
 14
 3/13/79

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

CODED

WATER WELL DRILLERS LOG
 BUTANE GAS COMPANY
 OF GREENWOOD

CARROLL
 county well located

3-13-79 19
 date well completed

LANDOWNER:	description of formations encountered	from	to
U-S Cattle Corp. Vaiden (mailing address)			
	SAND	30	44
	CLAY	44	70
	SAND + CLAY	70	105
	CLAY	105	120
	SAND + CLAY	120	234
	BIG WHITE SAND	234	300
WELL LOCATION: sec. <u>16</u> T. <u>16</u> N. R. <u>5</u> E. <u>3 1/2</u> miles <u>S</u> of <u>Vaiden</u> (distance) (direction) (nearest town)			
WELL PURPOSE: <u>FR</u> (home, irrigation, municipal, industrial)			
WELL COMPLETION DATA:			
(1) diameter (inches) <u>4"</u>			
(2) total depth (feet) <u>295</u>			
(3) static water level (feet) <u>12</u> below above top of ground.			
(4) casing <u>PVC</u> <u>255</u> (material) (depth) <u>4"</u> (size) if telescope see back.			
(5) screen <u>40</u> <u>255</u> (length) (depth to top) <u>4"</u> <u>PVC</u> (size) (material)			
(6) pump <u>3</u> <u>50</u> (HP) (yield gpm) <u>Elec.</u> (type power)			
(7) electric log <u>NO</u> (yes or no) (organization running log)			
(8) how well bottom plugged <u>BACK PRESSURE VALVE</u>			
DRILLERS REMARKS:			

CODED

Miss. Board of Water Comm.
 18 1979
 RECEIVED

If well telescopes please sketch and show depths.

GROUND LEVEL

			X

SECTION 7

Please indicate well location X.

ADDITIONAL INFORMATION

If more than one screen, show locations of each on sketch.

WILCOX DATA SHEET-VERIFICATION CHECKLIST Muwx

COUNTY Carroll

Vaiden Quad

WELL OWNER US Cattle Corp

CHECKED

U.S.G.S. NO. Q 14

9/20/94

B.O.H. NO _____

OLWR NO. _____

LOCATION:

MAP NW, NE, NW, NE S 12, T16N, R5E

9/20/94

GPS _____

ELEV. (MSL) 297 ← looks lower on map but may be built up $\frac{1}{2}$ mile from

9/20/94

W.L. (L.S.) (1) $20.00 - 2.92 = 17.08 - 12.5 = 4.58$

9/20/94

(2) $21.00 - 3.95 = 17.05 - 1.25 = 15.80$

9/20/94

HEAD (MSL) $297 - 15.80 = +281.20$

9/20/94

SCREENED INTERVAL $255' - 295' (L.S.) / +42' - +2' (MSL)$

9/20/94

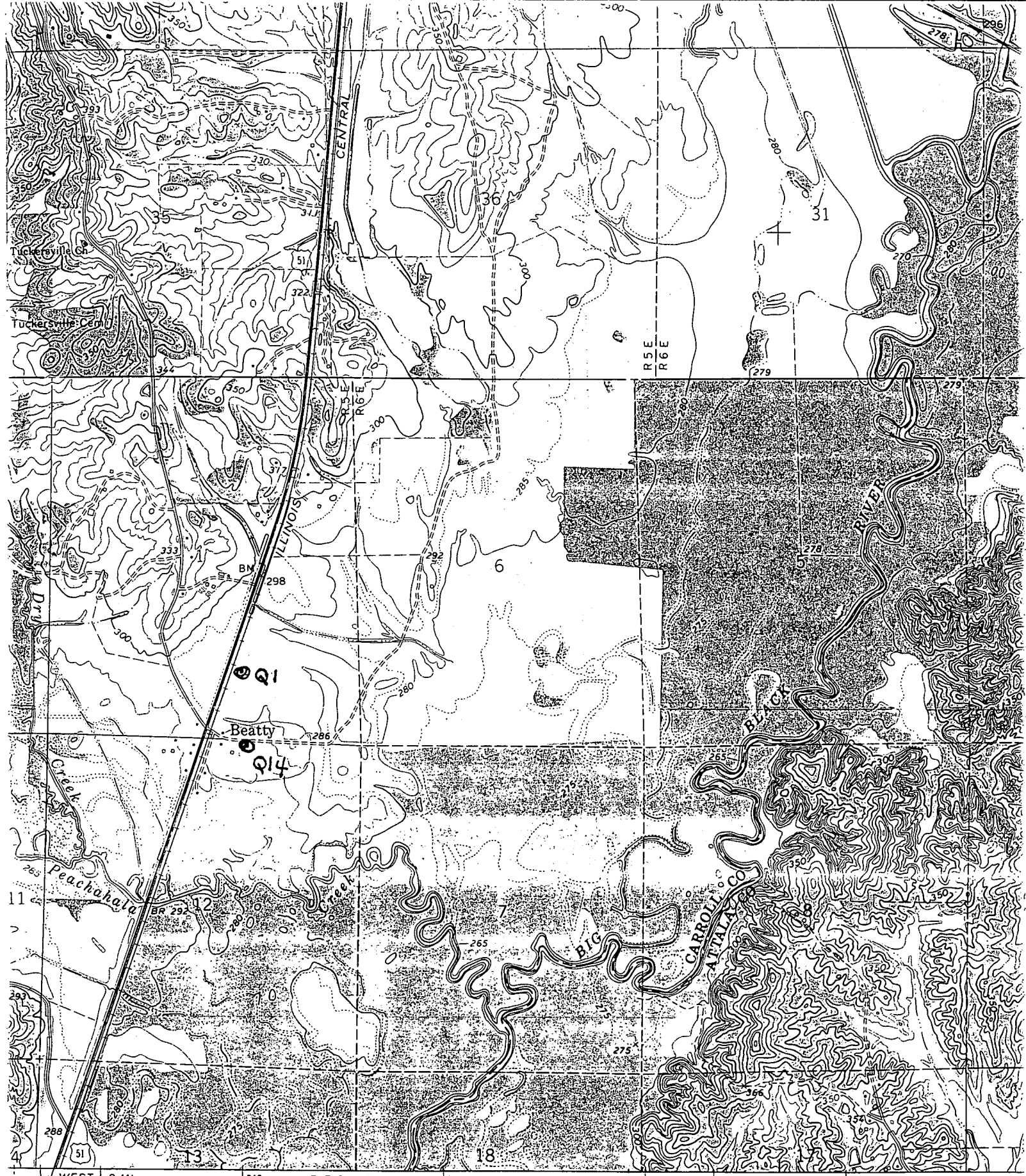
AQUIFER VERIFIED Meridian - Upper Wilcox

9/20/94

PREVIOUS W.L. $-12'$ (1979)

9/20/94

DATA ENTERED _____



WEST 4.2 MI.
 CANTON 48 MI.

245 R. 5 E. R. 6 E. 246 690 000 FEET (WEST) 42' 30" 248

mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial
 photographs taken 1964. Field checked 1966
 Polyconic projection. 1927 North American datum
 60,000-foot grids based on Mississippi coordinate system, east and
 west zones
 1000-meter Universal Transverse Mercator grid ticks.

Vaiden Quad

1" = 26 MILS
 5" = 89 MILS