

GW-14349

Ybarra

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Recorded by WTO
Date 4/77

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

Well No. J19
E-Log No. 90
County HOLMES

GEN. SITE DATA

Site ID 330748090175701 R-0* T-A* 2-W*
Data reliab. 3-C*U Report agency 4-USGS* Dist. 6-28* 7-28* Co. 8-051*
Lat. Long. / 9-330748 * 10-0901757 * Well No. 12-J019 *
Location 13-NESE S 21 T 15N R 01W * Alt. 16-175 *
Hyd. Unit (OWDC) 20- * Date 21-03/30/1977 *
Well use 23-W * Water Use 24-P * Hole depth 27-1512 * Well depth 28-1488 *
WL 30--79 * Date 31-08/30/1979 * Source 33-S *
Status 273-Y *

OWNER

R-158* T-A* Date 159#05/03/1977 * Owner No. 161-WEST HOLMES W A *

FIELD QW

R-192* T-A* Date 193#08/30/1979 * Temp. 196#00010* 197-30.5 *
R-192* T-A* Date 193#08/30/1979 * Cond. 196#00095* 197-36.5 *
R-192* T-A* Date 193#08/30/1979 * pH 196#00400* 197-8.3 *

CONSTR.

R-58* T-A* 59#1* Date 60-05/03/1977 * Remarks
Drig. 63-06A * Name Payne Cleveland Method 65-H * Finish 66-S *

CASING

R-76* T-A* 59#1*
Top csgn. 77#0 * Bot. csgn. 78-1438 * Diam. 79#10 *
R-76* T-A* 59#1*
Top csgn. 77#1400 * Bot. csgn. 78-1446 * Diam. 79#6 *

OPENINGS

R-82* T-A* 59#1* Top 83#1446 * Bottom 84-1488 *
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 150-350 * Q/S 272- *
134 flows 146 pumped
448 @ 70*

R-42* T-A* Lift type 43# T* Intake: 44#

Date 38-05/03/1977 46-LE

LOGS

R-198* T-A* Log 199# D* Top 200-07

R-198* T-A* Log 199# E* Top 200-55

R-189* T-A* E Log No. 190# 090 191-111573

ANAL

R-114* T-A* Year 115# 1979 120-10

AQUIFERS

R-90* T-A* 256# 1* Top 91-1430 Bot 92-1505

Unit ID 93-124Mux Name of Unit: Mendota

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-

R-105* T-A* 99# 1* Test No. 106#

107- Transmissivity (gal/d)/ft

108- Hydraul. cond. (gal/d)/ft

110- Storage coeff. Boundaries

Flowed 600gpm
33' (8/30/79)

Holmes
 J19
 S-3-77
 E log #90

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

WATER WELL DRILLERS LOG **CODED**

5-3 1977 Layne Central Co. Holmes
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
West Holmes Co. Water Assn.	Clay	0	12
Mileston, MS	Sand	12	66
(mailing address)	coarse sand & pea gravel	66	106
	coarse sand & gravel	106	136
WELL LOCATION:	clay	136	168
sec. <u>21</u> T <u>15</u> N ✓	sand & lignite	168	190
S R <u>1</u> E ✓	clay	190	230
10 miles S of Tchula	hard clay	230	240
(distance) (direction) (nearest town)	sandy clay CODED	240	280
WELL PURPOSE: <u>Municipal</u>	sand & stks. of shale	280	315
(home, irrigation, municipal, industrial)	hard clay	315	320
WELL COMPLETION DATA:	sand w/shale stks.	320	367
(1) diameter (inches) <u>10"</u>	clay	367	458
(2) total depth (feet) <u>1487' 7"</u>	hard white clay	458	487
(3) static water level (feet) <u>40'</u> above top of ground.	clay	487	497
(4) casing <u>Steel</u> <u>1438'</u>	sand	497	624
(material) (depth)	sand & stks. of clay	624	643
<u>10"</u> if telescope see back.	hard clay	643	682
(size)	clay	682	724
(5) screen <u>42' 2"</u> <u>1445' 5"</u>	sandy clay w/stks. sand	724	750
(length) (depth to top)	sand w/stks. of clay	750	802
<u>6"</u> <u>St. Steel</u>	clay	802	971
(size) (material)	hard clay	971	1003
(6) pump <u>25</u> <u>350</u>	shale	1003	1011
(HP) (yield gpm)	rock	1011	1013
<u>electric</u>	shale	1013	1019
(type power)	rock	1019	1021
(7) electric log <u>Yes</u>	shale	1021	1054
(yes or no)	fine sand	1054	1083
<u>U.S.G.A.</u>	clay	1083	1160
(organization running log)	shale	1160	1238
(8) how well bottom plugged <u>Backwash Valve</u>	fine sand w/stks. shale	1238	1274
	shale	1274	1303
	sand	1303	1310
	shale	1310	1361
	sand	1361	1386
	shale AUG 8 1977	1386	1404
DRILLERS REMARKS:	sand	1404	1418
	sand & stks. shale COMM	1418	1428
	shale MISS. BD. OF WATER	1428	1435
	sand	1435	1507
	shale	1507	1512

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Marcella Quod
U.S.G.S. E-10J #90

WELL OWNER West Holmes W.A.

CHECKED

U.S.G.S. NO. J-19

7/19/94

B.O.H. NO _____

OLWR NO. _____

LOCATION:

MAP NW, SE, SE, SE S 21, T 15N, R 1W

7/19/94

GPS _____

ELEV. (MSL) 116'

7/19/94

W.L. (L.S.) (1) + 53'

7/19/94

(2) _____

HEAD (MSL) + 169'

7/19/94

SCREENED INTERVAL 1,446' - 1,488' (L.S.) / -1,330' - -1,372' (MSL)

7/19/94

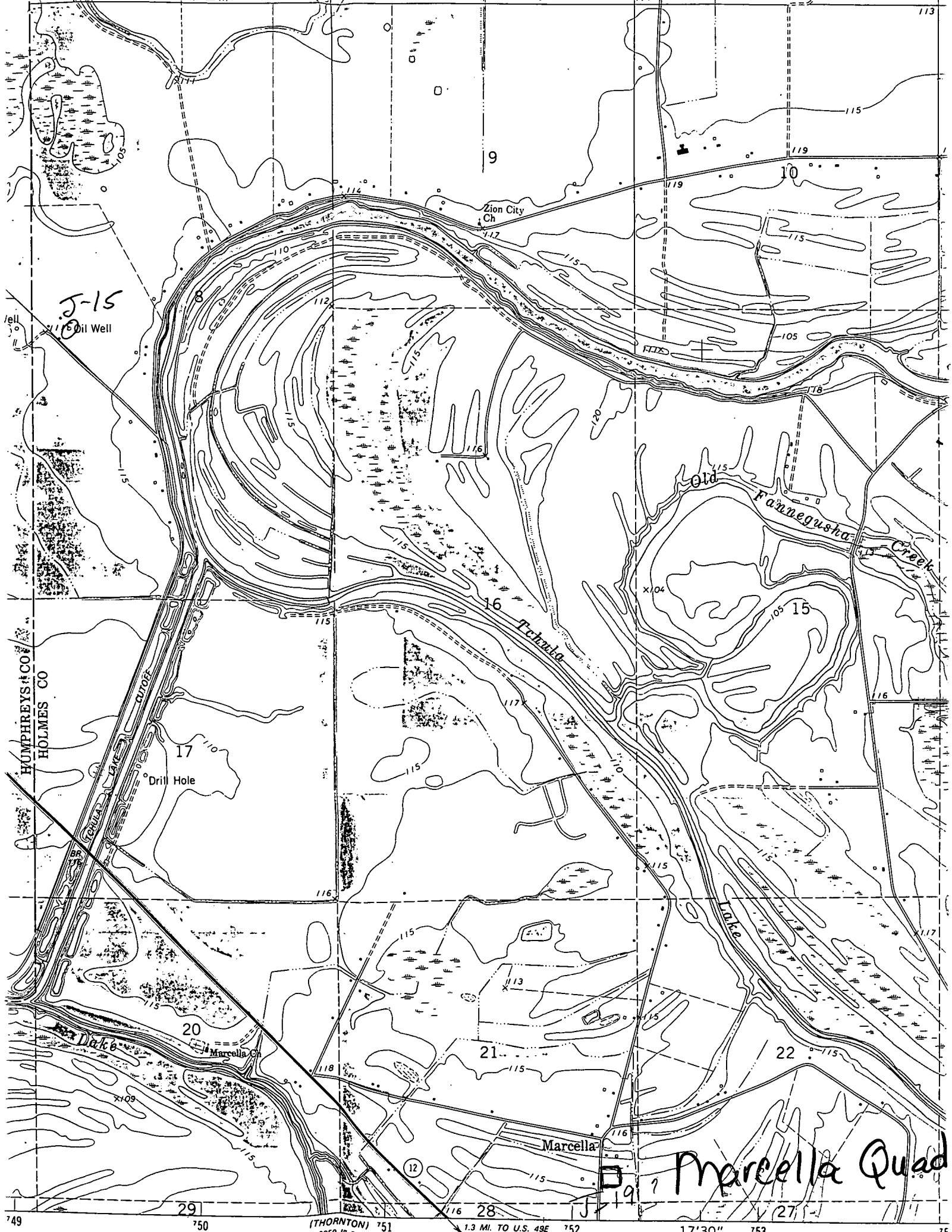
AQUIFER VERIFIED Meridian - Upper Wilcox

7/19/94

PREVIOUS W.L. + 79' (1979)

7/19/94

DATA ENTERED _____



J-15
Oil Well

Zion City
Ch.

HUMPHREYS & CO.
HOLMES CO.

Drill Hole

Old Fannegusta
Creek

Tchula

lake

Dake

Marcella

Marcella Quad