

Marcella

# TRANSMITTED FOR ADP

Coded By Q 6/1/88  
Checked By \_\_\_\_\_  
Entered By \_\_\_\_\_  
Date \_\_\_\_\_

U.S. GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  
MISSISSIPPI DISTRICT

Well No. 661  
E-Log No. 78  
County HUMPHREYS  
Agency \_\_\_\_\_

## WELL RECORD

Agency Code U S G S Site Id 1433081015101910120151011 Project No. 54

Station Name 1261016111 BERNARD JONES Latitude 9431310181015 Longitude 1040190120151

Lat/Long Ac. 114 S F T M Dist 6=28 State 7=28 County 8=05B1 Land Net NEW SE

Location Map 14= Altitude 16=11151 Met/Meas 13=STENWESIZ14M1151NR10121W

Agency Use 8034 A I O Date Inventoried 7114051/2711/11918181 Station Type Y Accuracy 184 5.1 Hydrologic Unit 20=018101301210161

Instru. 8054 Remarks 8064 Relia. 3= C L M U Data Type 8044

Date of Construction 214016/10121/11918181 Well Use 234D1 Water Use 244H1 Primary Aquifer 7144 Hole Depth 274151681

Well Depth 8411512101 Water Level 304-15131481 Water Level Date 314061/1091/11918181 Method 344G1 Status 3741 Source 334S1

CONSTRUCTION DATA

Construction Date 604016/10121/11918181 Contractor 63415101 Name Cresswell Method 654H Finish 664S

CONSTRUCTION CASING DATA

Top/Casing 7741101 Bot/Casing 784110151 Diameter 79414

Top/Casing 774110151 Bot/Casing 78411418101 Diameter 79412415

CONSTRUCTION OPENINGS DATA

Top/Depth 83411418101 Bot/Depth 84411512101 Diameter 87412145 Type 854S Length 894 Width 884

Top/Depth 834 Bot/Depth 844 Diameter 874 Type 854 Length 894 Width 884

CONSTRUCTION LIFT DATA

Lift Type 254#1 Lift 434 Date 384 Intake 444

H.P. 464 Serial No. 494

ANEQUOUS OWNER DATA

Date of Ownership 1594016/10121/11918181 Owner Name 1614 BERNARD JONES

ANEQUOUS OTHER ID DATA

E-Log No. 190407101 Assigner 1914 M I S S I S S I D I S T R I C T

MISCELLANEOUS QW DATA

R=192	T=A	738#1	Date of Measurement 193#0161 / 1099 / 11918181 *	Aquifer Sampled 195# / 124# M U W I X I *	Par. Code 196#00010	Value 197# 3101 1 5 T *
R=192	T=A	738#2	Date of Measurement 193#0161 / 1099 / 11918181 *	Aquifer Sampled 195# / 124# M U W I X I *	Par. Code 196#00095	Value 197# 14101 1 *
R=192	T=A	738#3	Date of Measurement 193#0161 / 1099 / 11918181 *	Aquifer Sampled 195# / 124# M U W I X I *	Par. Code 196#00400	Value 197# 81 1 71 *

MISCELLANEOUS LOGS DATA

R=198	T=A	739#1	Log Type 199#   *	Req. Depth 200#           *	End Depth 201#           *
R=198	T=A	739#1	Log Type 199#   *	Req. Depth 200#           *	End Depth 201#           *

MISCELLANEOUS NETWORK DATA

R=114	T=A	730#1	Network Type 706#     *	Req. Year 115#   9       *	End Year 116#   9       *
R=121	T=A	730#1	Analysis 120#   *	Agency Source 117#         *	Freq. 118#     *

MISCELLANEOUS REMARKS DATA

R=183	T=A	311#1	Date of Remarks 184#     /     /       *	Remarks 185#                     *
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DISCHARGE DATA

R=146	T=A	147#1	148#     /     /       *	703# P R	150#           *	272#           *
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GEOHYDROLOGIC DATA

R=90	T=A	721#1	Depth Top 91#           *	Depth Bot. 92#           *	Unit Id 93# / 124# M U W I X I *
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HYDRAULIC DATA

R=98	T=A	790#1	Unit Tested 100#                 *	103#     *
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Humphreys  
G 61  
4/2/88

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

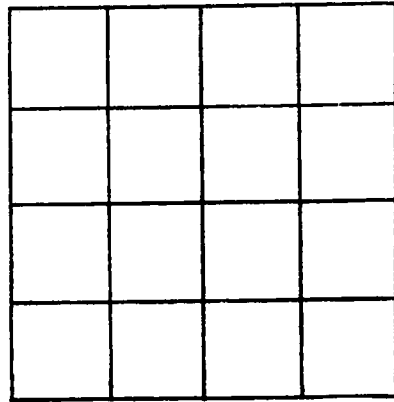
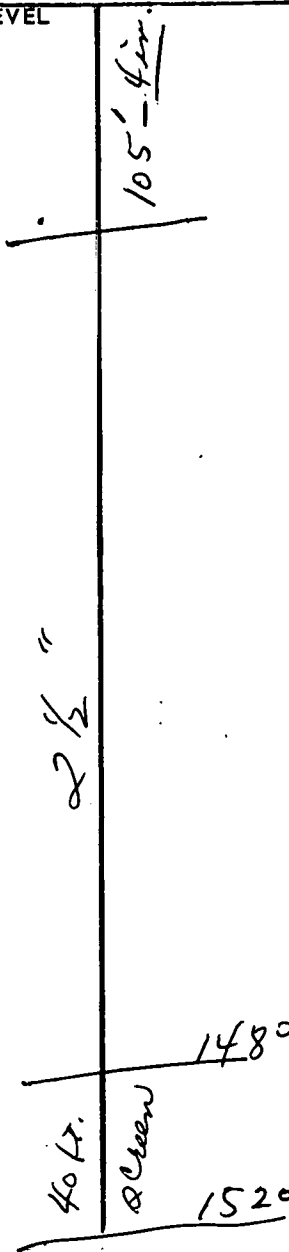
Coded

June 2 1988 E.M. Bud Cresswell Humphreys  
 date well completed firm name county well located

LANDOWNER:	description of formations encountered	from	to
<u>W.E. Jones Estate</u>	<u>Surface</u>	<u>0</u>	<u>20</u>
<u>Thornton, Mo.</u> (mailing address)	<u>Sand - gravel</u>	<u>20</u>	<u>125</u>
WELL LOCATION: sec. <u>24</u> T. <u>15</u> N R. <u>2</u> W	<u>Shale</u>	<u>125</u>	<u>190</u>
<u>10</u> miles <u>EAST</u> of <u>Beltonia</u> (distance) (direction) (nearest town)	<u>Sand</u>	<u>190</u>	<u>240</u>
WELL PURPOSE: <u>FARM</u> (home, irrigation, municipal, industrial)	<u>Shale</u>	<u>240</u>	<u>290</u>
WELL COMPLETION DATA:	<u>Sand</u>	<u>290</u>	<u>345</u>
(1) diameter (inches) <u>4</u>	<u>Shale</u>	<u>345</u>	<u>370</u>
(2) total depth (feet) <u>1520</u>	<u>Sand</u>	<u>370</u>	<u>390</u>
(3) static water level (feet) <u>60</u> below top of ground.	<u>Shale</u>	<u>390</u>	<u>500</u>
(4) casing <u>Steel</u> <u>1480</u> (material) (depth)	<u>Sand</u>	<u>500</u>	<u>690</u>
<u>2 1/2</u> If telescope see back. (size)	<u>Sandy Shale</u>	<u>690</u>	<u>700</u>
(5) screen <u>40</u> <u>1480</u> (length) (depth to top)	<u>Shale</u>	<u>700</u>	<u>990</u>
<u>2</u> <u>STAINLESS</u> (size) (material)	<u>Rock</u>	<u>990</u>	<u>995</u>
(6) pump <u>None</u> <u>12</u> (HP) (yield gpm)	<u>Shale</u>	<u>995</u>	<u>1070</u>
(type power)	<u>Rock</u>	<u>1070</u>	<u>1080</u>
(7) electric log <u>yes</u> (yes or no)	<u>Shale</u>	<u>1080</u>	<u>1400</u>
<u>State</u> (organization running log)	<u>Sand - fine</u>	<u>1400</u>	<u>1470</u>
(8) how well bottom plugged	<u>Sand - fair</u>	<u>1470</u>	<u>1520</u>
DRILLERS REMARKS: <u>Drilled to 1568</u>	<u>Shale</u>	<u>1520</u>	<u>1568</u>

If well telescopes please sketch and show depths.

GROUND LEVEL



SECTION \_\_\_\_\_

Please indicate well location X.

ADDITIONAL INFORMATION

Well flowing  
60 foot head

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

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HUMPHREYS

Marcella Qu...  
U.S.G.S. E-log #70

WELL OWNER Bernard Jones CHECKED

U.S.G.S. NO. G-61 8/5/94

B.O.H. NO. N/A 8/5/94

OLWR NO. \_\_\_\_\_

LOCATION:

MAP SE, SE, NE S 24, T 15N, R 2W 8/5/94

GPS \_\_\_\_\_

ELEV. (MSL) 112' 8/5/94

W.L. (L.S.) (1) +46' 8/5/94

(2) \_\_\_\_\_

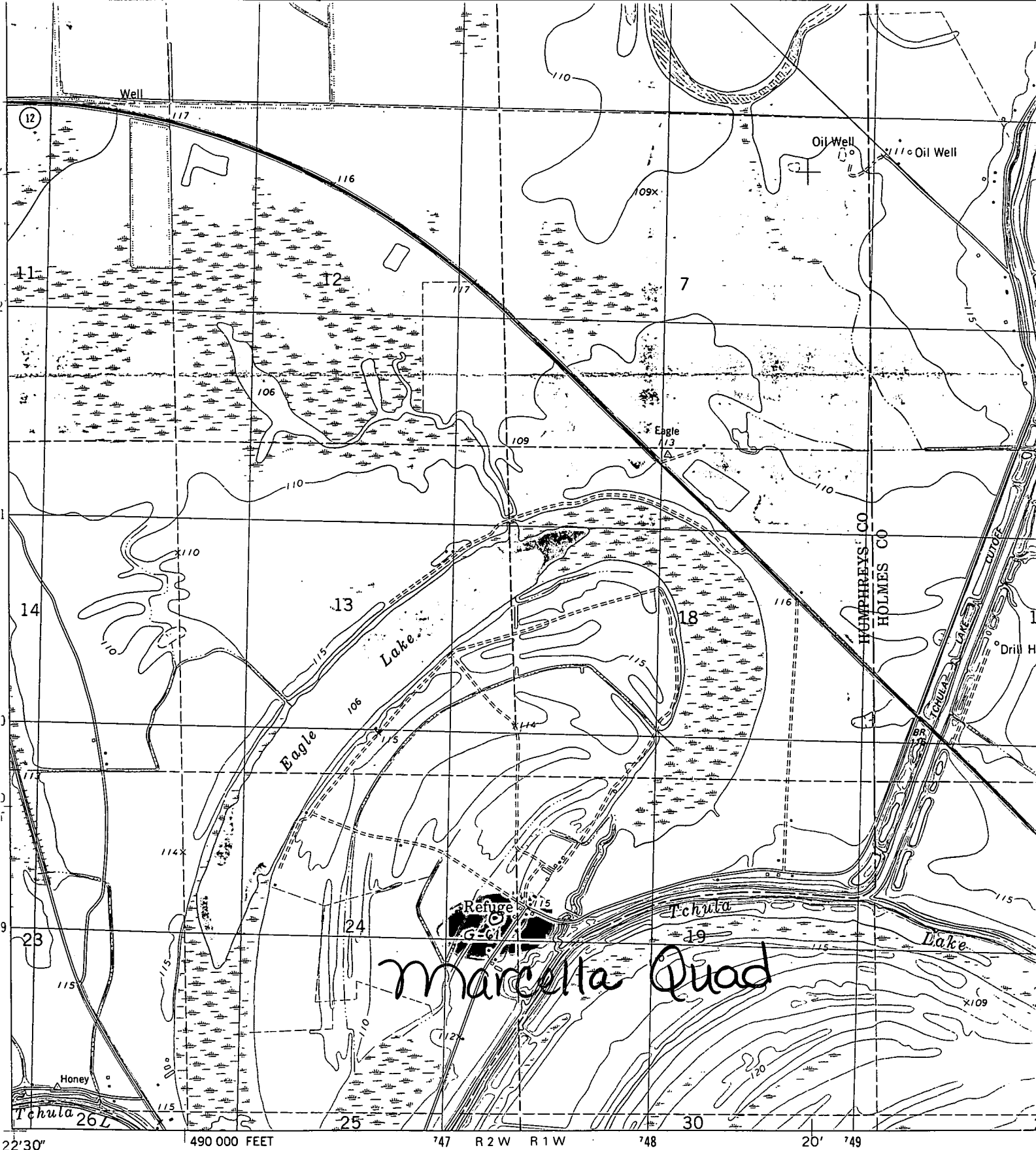
HEAD (MSL) +158' 8/5/94

SCREENED INTERVAL 1,480' - 1,520' (L.S.) / -1,368' - -1,408' (MSL) 8/5/94

AQUIFER VERIFIED Meridian - Upper Wilcox 8/5/94

PREVIOUS W.L. +53.8' (1988) 8/5/94

DATA ENTERED \_\_\_\_\_



Marcella Quad

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

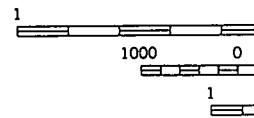
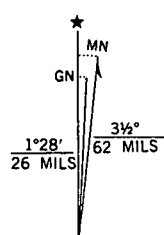
Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1982

Projection and 10,000-foot grid ticks: Mississippi coordinate system, west zone (transverse Mercator)

1000-meter Universal Transverse Mercator grid, zone 15

1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 11 meters south and 8 meters east as shown by dashed corner ticks



UTM GRID AND 1982 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET