

TRANSMITTED FOR ADP [✓] 3/86

1/81 WTO

Recorded by WTO

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

Well No. L51
E-Log No. 224
County CLARKE

Site ID 3,2,0,2,3,9,0,8,8,5,2,5,4,0,1 R=0* T=A* 2=W* Pachuta Quad
GW01627
0120006-02

GEN. SITE DATA

Data reliab. 3=C* Report. agency 4=USGS* Dist. 6=28* 7=28* Co. 8=0,2,3*

Lat. Long./ 9=3,2,0,2,3,9* 10=0,8,8,5,2,5,4* Well No. 12=L,0,5,1*

Location SW 13=SENE S,0,5 T,0,2 N,R,1,4 E* Alt. 16=3,0,8* 303

Hyd. Unit (OWDC) 20= Date 21=0,9,1,1,7,1,1,9,8,5*

Well use 23=W* Water Use 24=P* Hole depth 27=5,2,2.* Well depth 28=4,3,5.*

WL 30=5,8.* Date 31=0,9,1,1,7,1,1,9,8,5* Source 33=D*

Status 273= Project No. 5= MU SPRT

OWNER

R=158* T=A* Date 159#0,9,1,1,7,1,1,9,8,5* Owner No. Well# 3

Owner 161#P, A, C, H, U, T, A

FIELD LOG

R=192* T=A* Date 193#0,7,1,1,1,1,1,9,8,5* Temp. 196#00010* 197=2,1,0*

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

R=192* T=A* Date 193#0,7,1,1,1,1,1,9,8,5* pH 196#00400* 197=6,8*

CONSTR.

R=58* T=A* 59#1* Date 60=0,9,1,1,7,1,1,9,8,5* Remarks

Drlg. 63=4,5,5* Name Herndon, Pearl Method 65=H* Finish 66=6*

CASING

R=76* T=A* 59#1* Top csgn. 77#0.* Bot. csgn. 78=3,9,5.* Diam. 79#1,0.*

R=76* T=A* 59#1* Top csgn 77# Bot. csgn. 78= Diam. 79#

OPENINGS

R=82* T=A* 59#1* Top 83#3,9,5.* Bottom 84=4,3,5.*

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=46* T=A* 147#1* Q 150=2,7,7.* Q/S 272=3,0,5.*

134 flows 146 pumped

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

Date 38= 09/17/1985 H.P. 46= 10.*

LIFT

R=198* T= A * Log 199# D* Top 200= 0.* Bot 201= 521.*

R=198* T= A * Log 199# E* Top 200= 45.* Bot 201= 522.*

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

LOGS

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

ANAL.

R=90* T= A * 256# 1 * Top 91= 350.* Bot 92= 470.*

Unit ID 93= 124SPRT * Name of Unit

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

Unit ID 93= * Name of Unit

AQUIFERS

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

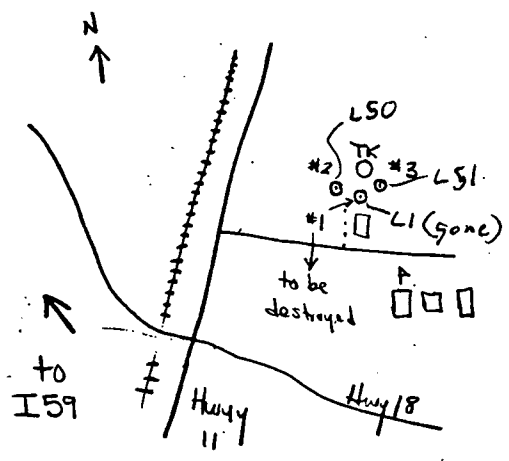
110= * Storage coeff. Boundaries

HYDRAULICS

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

Water Level Data Collection (1)

Tested 230gpm 7.5' dd @ 24hrs.



Sandy Clay	0	20
Blue Clay	20	40
Blue Sand/Clay	40	80
Brown Sandy Clay	80	140
Brown Sandy Clay/Shell	140	180
Sandy Clay	180	200
Coarse Sandy Clay	200	220
Sandy Clay/Shell	220	240
Clay/Shell/Sand	240	260
Rock/Sand/Shell	260	280
Brown Clay/Sandy Shell	280	320
Fine Sand/Shell	320	360
Sand	360	480
Rock	480	480
Clay	480	521

L51
 CLARKE
 9-17-85
 001627

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

9-17 1985 *Herndon Wells & Supply* *Clarke*
 date well completed firm name (Please) county well located

LANDOWNER:	description of formations encountered	from	to
<i>Village of Pachuta</i>	<i>Sandy Clay</i>	0	20
<i>Pachuta, MS.</i>	<i>Blue Clay</i>	20	40
(mailing address)	<i>Blue Sandy Clay</i>	40	80
	<i>Brown Sandy Clay</i>	80	140
	<i>Brown Sand Clay Shell</i>	140	180
	<i>Sandy Clay</i>	180	200
	<i>Brown Sandy Clay</i>	200	220
	<i>Sandy Clay & Shell</i>	220	240
	<i>Clay Shell & Sand</i>	240	260
	<i>Rock / Sand / Shell</i>	260	280
	<i>Brown Clay / Sandy Shell</i>	280	320
	<i>Grey Sand / Shell</i>	320	360
	<i>Sand</i>	360	480
	<i>Rock</i>	480	485
	<i>Clay</i>	485	521

WELL LOCATION:
 sec. 5 T. 2 (N) R. 9 (E)
 miles 1.5 (distance) S (direction) of Pachuta (nearest town)

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

WELL COMPLETION DATA:

(1) diameter (inches) 10

(2) total depth (feet) 442

(3) static water level (feet) 58 below above top of ground.

(4) casing Steel (material) 395' (depth)

(size) if telescope see back.

(5) screen 40' (length) 435' (depth to top)

6" (size) SS (material)

(6) pump 10 (HP) 277 (yield gpm)

Elec. (type power)

(7) electric log Yes (yes or no)

Herndon Wells & Supply (organization running log)

(8) how well bottom plugged well

DRILLERS REMARKS:

RECEIVED

SEP 25 1985

Department of Natural Resources
 Bureau of Land & Water Resources

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): RLB DATE: Aug 6/96

UNIT DEQ #: _____ FILE #: A080617A

HEALTH DEPT. #: 120006-02 ELEV. _____

USGS #: L051 OLWR #: GW 01627

OWNER: Pachuta, Village of QUAD: Pachuta

LOCATION: _____ S _____ T _____ R _____ COUNTY: _____

LOCATION DESCRIPTION: at Pachuta Hy 11, at elevated tank
NO. 32 02 39 88 52 57

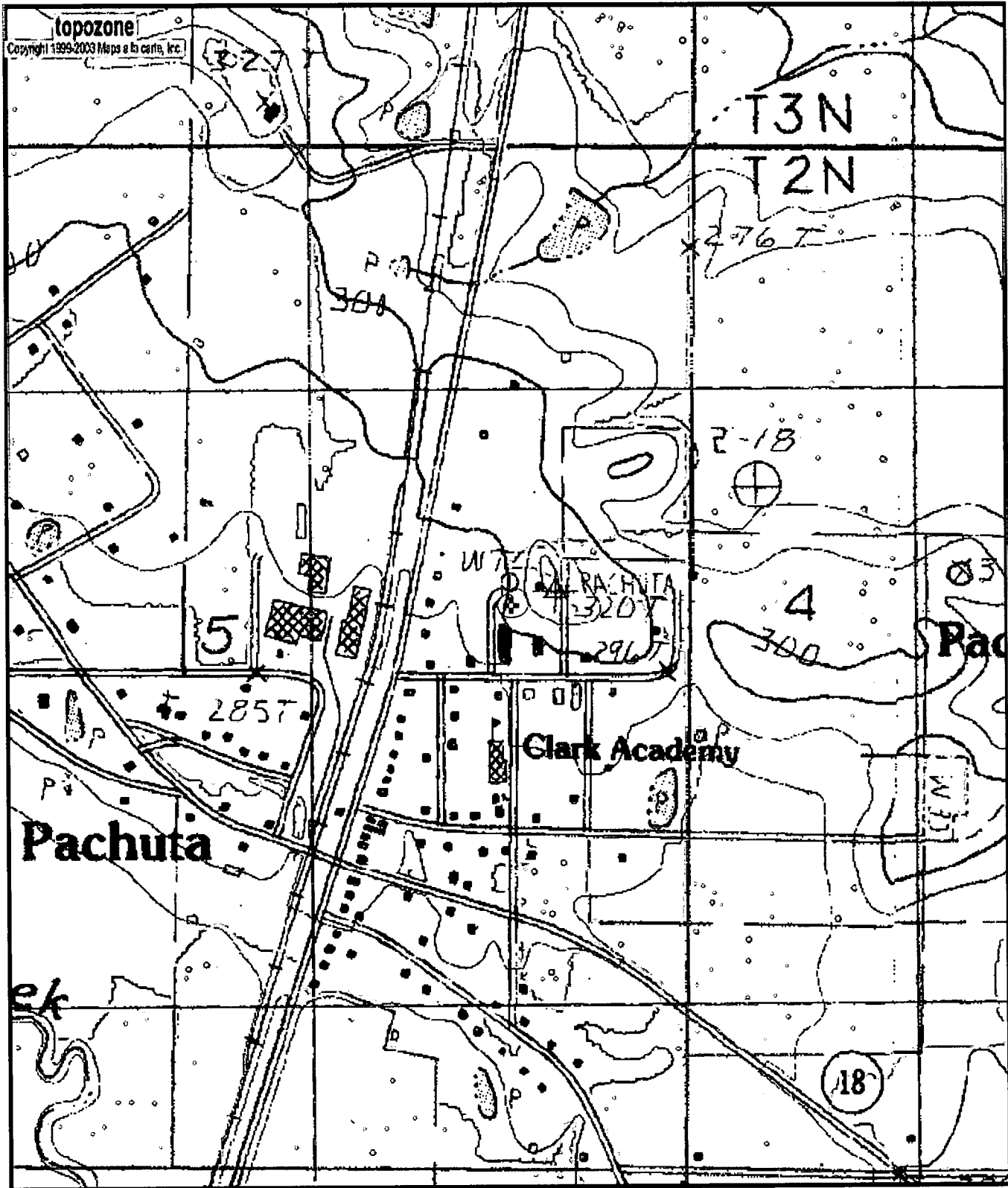
CASING DIA: 6 PUMP TYPE & SIZE: Jacuzzi

GPS FIELD LOCATION: LAT. 32 02 643 LONG. 88 52 914

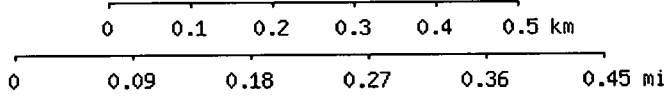
GPS CORRECTED LOCATION: LAT. 32.04408647 LONG. 88.88181120

REMARKS: _____

32°02'38.7" 88°52'54.5"



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Map center is 32° 02' 39"N, 88° 52' 54"W (WGS84/NAD83)
Pachuta quadrangle
 Projection is UTM Zone 16 NAD83 Datum

