

TRANSMITTED FOR ADP

Recorded by WTO
Date 4/18/86
Agency USGS

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
MISSISSIPPI DISTRICT

Well No. W43
E-Log No. 114
County Holmes
PICKENS

WELL RECORD

GEN SITE DATA

Site Id 3253360895811901 R=0* T=A* 2=W* Data reliab. 3=U* C U

Dist. 6=28* State 7=28* Co. 8=051* Lat. Long./ 9=325336* 10=08959119*

Well NO. 12=1W0431* Location NW, NW 13=NENE S 15 T 12 N R 03 E* Alt. 16=270.1*

Hyd. Unit (OWDC) 20=081030206* Date 21=1986104101* (YYYYMMDD) 17=M*

Agency Use 803=φ* Well Use 23=W* Water Use 24=P* Hole depth 27=11632.1* Well depth 28=11600.1*

WL 30=146.1* Date 31=1986105108* Source 33=D*

Project No. 5=

LIFT

R=42* T=A* 254#1* Date 38=1986105108* Lift Type 43=T* Intake 44=

Power Type 45=E* H.P. 46=100.1*

CONSTR.

R=58* T=A* 723#1* Date 60=1986105108* Drlg 63=064* Name Layne, Jackson

Method 65=H* Finish 66=G* Remarks _____

CASING

R=76* T=A* 725#1* 59#1* Top csng 77# 0.1* Bot. csng 78=1535.1* Diam. 79# 116.1*

R=76* T=A* 725#2* 59#1* Top csng 77# 1147.9.1* Bot. csng 78=11540.1* Diam. 79# 110.1*

OPENINGS

R=82* T=A* 726#1* 59#1* Top 83# 11540.1* Bottom 84=11600.1* Type 85=S*

Diam. 87# 110.1* Size 88=

R=82* T=A* 726#2* 59#1* Top 83# 11540.1* Bottom 84= Type 85=

87= 88=

AQUIFERS

R=90* T=A* 721#1* Top 91=1535.1* Bot 92=11600.1* Unit Id 93=124M U W X

R=90* T=A* 721#2* Top 91= Bot 92= Unit Id 93=

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 _____

ANAL. R=114* T=A* 706= | | | * Year 115# | | | | * 117= | | * 120= | | *

R=121* T=A* Yr Begin 115# | | | | * Network 257# | | *

YIELD R=146* T=A* Flows (Pumped/circle one) 147#1* 148= | | 9 | 8 | 6 | 1 | 0 | 5 | 1 | 0 | 8 | * Q 150= | | 1 | 0 | 0 | 0 | . | * Q/S 272= | | | . | | *

OWNER R=158* T=A* 718#1* Date 159# | | 9 | 8 | 6 | 1 | 0 | 5 | 1 | 0 | 8 | * Owner No. _____

Owner 161# PICKENS | | | | | | | | | | | | | | | | | | | | *

OTHER ID R=189* T=A* 736#1* E-Log No. 190# | | | 4 | * 191= M I S S I S S I D I S T *

FIELD QW R=192* T=A* 738#1* Date 193# | | 9 | 8 | 6 | 1 | 0 | 5 | 1 | 0 | 8 | * Temp 196#00010* 197= | 2 | 8 | . | 0 | *

R=192* T=A* 738#2* Date 193# | | | | | / | | | | * Cond 196#00095* 197= | | | | | . | *

R=192* T=A* 738#3* Date 193# | | 9 | 8 | 6 | 1 | 0 | 5 | 1 | 0 | 8 | * pH 196#00400* 197= | 8 | . | 8 | *

LOGS R=198* T=A* 739#1* Log 199# E * Top 200= | | 2 | 0 | . | * Bot 201= | | 6 | 2 | 0 | . | *

R=198* T=A* 739#2* 199# D * 200= | | | | 0 | . | * 201= | | 6 | 3 | 2 | . | *

Remarks: R=183# 311= | | | | | / | | | | | / | | | | *

184:

Description of formation encountered	feet	ft
Red Sandy clay	0'	20'
Yellow clay	20'	35'
Sand	35'	157'
Rock	157'	158'
Sandy clay & lignite	158'	212'
Clay	212'	306'
Clay & Sand streaks	306'	350'
Fine sand	350'	422'
Sand & Clay streaks	422'	460'
Sand	460'	540'
Sandy clay	540'	685'
Clay	685'	795'
Sandy clay	795'	824'
Clay & Sand streaks	824'	850'
Fine sand & Slaty streaks	850'	915'
Hard shale & Sand streaks	915'	983'
Rock	983'	985'
Hard clay	985'	1147'
Shale	1147'	1197'
Sand shale & lignite	1197'	1302'
Fine sand & clay	1302'	1372'
Rock	1372'	1388'
Sandy clay	1388'	1425'
Hard clay	1425'	1448'
Clay & fine sand streaks	1448'	1475'
Rock	1475'	1485'
Clay & fine sand streaks	1485'	1498'
Fine sand & lignite	1498'	1528'
Sand	1528'	1618'
Clay	1618'	1625'

HOLMES
W43
5-8-86

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**

Mar 8 1986 date well completed
Layne Central Company firm name
Holmes county well located

LANDOWNER: <u>Jawn of Pickens,</u> <u>Pickens, MS</u> (mailing address)	description of formations encountered	from	to	
WELL LOCATION: sec <u>15</u> T <u>12</u> (N) R <u>3</u> (E) NW 1/4 of NE 1/4 of NE 1/4 miles _____ of <u>Pickens</u> (distance) (direction) (nearest town) WELL PURPOSE: (home, irrigation, municipal, industrial) WELL COMPLETION DATA: (1) diameter (inches) <u>16"</u> (2) total depth (feet) <u>1606'</u> (3) static water level (feet) <u>46'</u> below above top of ground. (4) casing <u>Steel</u> , <u>1535'</u> (material) (depth) <u>16"</u> if telescope see back. (size) <u>61# of 10"</u> (5) screen <u>60'</u> , <u>1535'</u> (length) (depth to top) <u>10"</u> , <u>Stainless Steel</u> (size) (material) (6) pump <u>100</u> <u>1000</u> (HP) (yield gpm) <u>Electric</u> (type power) (7) electric log <u>yes</u> (yes or no) <u>Layne Central</u> (organization running log) (8) how well bottom plugged <u>PBV</u>	<u>Red Sandy Clay</u> <u>Yellow Clay</u> <u>Sand</u> <u>Rock</u> <u>Sandy Clay & Lignite</u> <u>Clay</u> <u>Clay & Sand Streaks</u> <u>Fine Sand</u> <u>Sand & Clay Streaks</u> <u>Sand</u> <u>Sandy Clay</u> <u>Clay</u> <u>Sandy Clay</u> <u>Shale & Rock Streaks</u> <u>Fine Sand & Shale Streaks</u> <u>Hard Shale & Sand Streaks</u> <u>Rock</u> <u>Hard Clay</u> <u>Shale</u> <u>Sandy Shale & Lignite</u> <u>Fine Sand & Clay</u> <u>Rock</u> <u>Sandy Clay</u> CODED <u>Hard Clay</u> <u>Clay & Fine Sand Streaks</u> <u>Rock</u> <u>Clay & Fine Sand Streaks</u> <u>Fine Sand Lignite</u> <u>Sand</u> <u>Clay</u>	0' 20' 35' 157' 158' 158' 212' 306' 350' 350' 433' 460' 540' 645' 795' 834' 850' 850' 915' 983' 985' 1147' 1197' 1307' 1332' 1332' 1338' 1425' 1428' 1473' 1475' 1475' 1498' 1498' 1525' 1618' 1618' 1632'	20' 35' 157' 158' 212' 306' 350' 433' 460' 540' 645' 795' 834' 850' 915' 983' 985' 1147' 1197' 1307' 1332' 1338' 1425' 1428' 1473' 1475' 1475' 1498' 1498' 1525' 1618' 1632'	
	DRILLERS REMARKS: <u>MS-GW-00990-</u>			Department of Natural Resources Bureau of Land & Water Resources REGISTERED JUL 28 1980

WILCOX DATA SHEET-VERIFICATION CHECKLIST

COUNTY HOLMES

Goodman Quad
U.S.G.S. E-105 #114

WELL OWNER Pickens

CHECKED

U.S.G.S. NO. W-43

7/19/94

B.O.H. NO 260013-03

7/19/94

OLWR NO. _____

LOCATION:

MAP NW, NW, NE, NE S 15, T 12 N, R 3 E

7/19/94

GPS x

ELEV. (MSL) 270'

7/19/94

W.L. (L.S.) (1) -62.62

7/19/94

(2) -62.60

7/19/94

HEAD (MSL) +207.4'

7/19/94

SCREENED INTERVAL 1,540' - 1,600' (c.s.) / -1,270' - -1,330' (MSL)

7/19/94

AQUIFER VERIFIED Meridian - upper Wilcox middle

PREVIOUS W.L. -46' (1986)

7/19/94

DATA ENTERED _____



Goodman Quad

00' 220 VAUGHAN 6 MI. 221 CANTON 18 MI. JACKSON 42 MI. 610 000 FEET (WEST) CAMERON 6 MI. 57'30" 224

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