

well should be open
Landowner: Herman McNeil

Paden

Hole 21A

FORM 9-1642 (1-68)

Well No. G4

E log # 22

U. S. DEPT. OF THE INTERIOR GEOLOGICAL SURVEY WATER RESOURCES DIVISION

MASTER CARD

see Data
11: 124.55
8-3-87
107.63

Record by WTO - BEW Source of data Obs. Date 5/29/71 Map _____

State 28 County TISHOMINGO (or town) 71

Latitude: 34 41 55 N Longitude: 08 8 19 48 Sequential number: 7

Lat-long accuracy: 2 4 9 0 26 SW SW SW

Local well number: 0004CC2604S09E Other number: at shady Grove ch 21A

Local use: 022 Owner or name: U.S. ARMY CORPS OF ENG. Address: MOBILE DIST.

Ownership: County (F) Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist (F)

Use of water: (U) Stock, Inatit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other

Use of well: (O) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed.

DATA AVAILABLE: Well data Freq. W/L meas.: (M) Field aquifer char.

Hyd. lab. data:

Qual. water data; type: (P)

Freq. sampling: Pumpage inventory: yes no period: _____

Aperture cards: yes

Log data: E log 10 - 301 (D) (E)

WELL-DESCRIPTION CARD

(S) SAME AS ON MASTER CARD Depth well: 278 ft Meas. rept. accuracy 1

Depth cased: 265 ft Casing type: PVC ; Diam. 4 1/2 in

Finish: (S) porous concrete, gravel w. (screen), gravel w. (horiz. gallery), open perf., (S) screen, (T) ad. pt., (W) shored, (X) open, (B) bble, other (S)

Method drilled: (R) air rot., (B) bored, (C) cable, (D) dug, (H) hyd. rot., (J) jetted, (P) air percussion, (R) reverse, (T) trenching, (V) driven, (W) drive wash, other (H)

Date drilled: 9711 Pump intake setting: _____ ft

Driller: U.S. ARMY CORPS OF ENG. MOBILE, ALA.

Lift (type): (S) air, bucket, cent. jet, multiple, multiple, none, piston, rot, submerg, turb, other (S) Deep Shallow

Power (type): (S) diesel, elec, gas, gasoline, hand, gas, wind; H.P. (S) Trans. or meter no. _____

Descrip. MP top of 4" coupling at above LSD, Alt. MP

Alt. LSD: OK (11/84) 585 Accuracy: topo (4)

Water Level: 129.87 ft above MP; 130 ft below LSD Accuracy: _____ (A)

Date meas: 3-7-72 372 Yield: _____ gpm Method determined (1)

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct (1) K x 10 (166) Temp. (47.2) Date sampled (472)

Taste, color, etc. _____

Well No.

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD **Physiographic Province:** 03 **Section:** _____

Drainage Basin: D **Subbasin:** 18R

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system _____ series K3 aquifer, formation, group G0

Lithology: _____ **Origin:** 2 **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft **Depth to top of:** 768 ft

MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____

Lithology: _____ **Origin:** _____ **Aquifer Thickness:** _____ ft

Length of well open to: _____ ft **Depth to top of:** _____ ft

Intervals Screened: _____

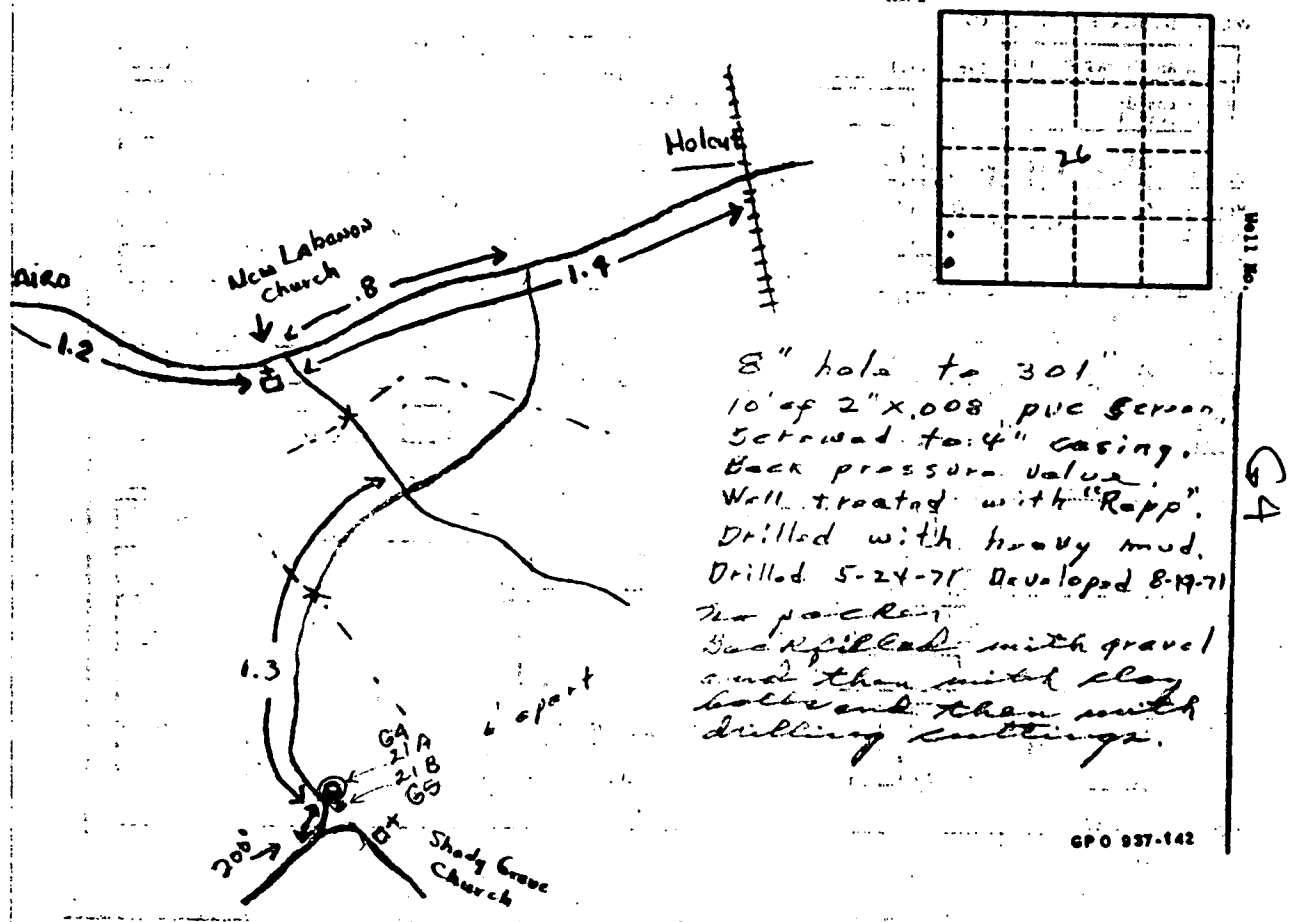
Depth to consolidated rock: _____ ft 298 **Source of data:** C

Depth to basement: _____ ft _____ **Source of data:** _____

Surficial material: _____ **Infiltration characteristics:** _____

Coefficient Trans: _____ gpd/ft _____ **Coefficient Storage:** _____

Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpd/ft; Number of geologic cards: _____



Recorded by M

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
GROUND WATER SITE INVENTORY
SITE SCHEDULE

Date 1.17.79

Check One English Metric Units

GENERAL SITE DATA (0)

Site Ident No 344155088194801 RG Number R=0* Transaction T=ADMV*
 Site-Type 2=C D H I M P T W* Reliability 3=C U L M* Reporting Agency 4=
 Project No. 5= District 6= State 7= County (or town) 8=
 Latitude 9= Longitude 10= Lat-Long Accuracy 11=S F T M*
 Local Number 12= Land Net Loc. 13= Scale 15=
 Location Map 14= Method of Measurement 17=A L M* Accuracy 18=
 Altitude 16= Topo Setting 19=D C E F H K L Ø P S T U V W* Hydrologic Unit (OWDC) 20=
 Date of First Construction/Completion 21=05/25/1971* Use of Site 23=A D E G H Ø M P R S T U W X Z*
 Use of Water 24=A B C D E F H I M N P R S T U Y Z*
 Secondary Water Use 25= Tertiary Use of Water 26= Depth of Hole 27=306* Depth of Well 28= Source of Depth Data 29=A*
 Water Level 30= Date Measured 31= Source 33=
 Method of Measurement 34=A C E G H L M R S T V Z*
 Site Status 37=D F G H Ø P R S T V X Z*
 Source of Geohydrologic Data 36= Pump Used 35= Measuring Point 266= Measuring Point Date 267=

OWNER IDENTIFICATION (1)

R=158* T=ADM* Date of Ownership 159#
 Name: Last 161= First 162= Middle Initial 163=

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189* T=ADM* Ident 190# Assigner 191=
 New Card Same R & T Ident 190# Assigner 191=

SITE VISIT DATA (1)

R=186* T=ADM* Date of Visit 187# Name of Person 188=

FIELD WATER QUALITY MEASUREMENTS (1)

R=192* T=ADM* Date 193# Geohydrologic Unit 195#
 New Card Same R thru 195
 Temperature 196# 0 0 0 1 0* Degrees C 197=
 Conductance 196# 0 0 0 9 5* µ Mhos 197=
 Other (STORET) Parameter 196# Value 197=
 Other (STORET) Parameter 196# Value 197=

FOOT NOTES:

① Source of Data Codes:

S	D	Ø	A	R	L	G	Z
reporting, drifter, owner, other gov't, agency			other	logs, geologist, other		reported,	

WELL CONSTRUCTION DATA (1)

R = 58 * T = A D M * Entry No 59 # * Date of Construction Completion 60 = / / * Source of Const. Data 64 = * *
add, delete, modify
 Name of Contractor/Driller 63 = *
 Method of Construction 65 = A B C D H J P R T V W Z *
air-rotary, bored or augered, cable-tool, dug, hydraulic rotary, jetted, air-percussion, reverse rotary, trenching, driven, drive, wash, other
 Finish 66 = C F G H Ø P S T W X Z * Type of Seal 67 = B C G Z *
porous, gravel w. concrete, gravel, screen, horizontal, gallery, open, end, perforated, or slotted, screen, sand point, walled, open, other hole, bentonite, clay, cement, other grout
 Bottom of Seal 68 = * Method of Development 69 = A B C J N P S Z * Number of Hours in Development 70 = *
air-lift, bailed, compressed, jetted, none, other, surged, other pump, air
 Special Treatment During Development 71 = C D E F H M Z *
chemicals, dry ice, explosives, deflocculant, hydrofracturing, mechanical, other

DIMENSIONS OF THE HOLE CONSTRUCTED (2)

R = 72 * T = A D M * Construction Entry No 59 # *
add, delete, modify
 Top of Hole Segment Below LSD 73 # * * * * *
 Bottom of Hole Segment below LSD 74 = * * * * *
 Diameter of Hole Segment 75 = * * * * *
 73 # * * * * * 74 = * * * * * 75 = * * * * *
 73 # * * * * * 74 = * * * * * 75 = * * * * *
 73 # * * * * * 74 = * * * * * 75 = * * * * *
 73 # * * * * * 74 = * * * * * 75 = * * * * *

New Card for Each Hole Segment - Same R, T & Field 5 9

CASING SCHEDULE (2)

R = 76 * T = A D M * Construction Entry No 59 # *
add, delete, modify
 Top of Casing Segment Below LSD 77 # * * * * *
 Bottom of Casing Segment Below LSD 78 = * * * * *
 Diameter of Casing Segment 79 # * * * * *
 Casing Material 80 = * * * * *
 Thickness of Casing 81 = * * * * *
 77 # * * * * * 78 = * * * * * 79 # * * * * * 80 = * * * * * 81 = * * * * *
 77 # * * * * * 78 = * * * * * 79 # * * * * * 80 = * * * * * 81 = * * * * *
 77 # * * * * * 78 = * * * * * 79 # * * * * * 80 = * * * * * 81 = * * * * *
 77 # * * * * * 78 = * * * * * 79 # * * * * * 80 = * * * * * 81 = * * * * *

New Card for Each Casing With Same R, T & Field 5 9

OPENINGS SCHEDULE (2)

R = 82 * T = A D M * Construction Entry No 59 # *
add, delete, modify
 Top of Section Below LSD 83 # * * * * *
 Bottom of Section Below LSD 84 = * * * * *
 Type of Openings 85 = S * * * * *
 Type of Material 86 = * * * * *
 Diameter of Open Section 87 = 2 * * * * *
 Width of Opening 88 = * * * * *
 Length of Opening 89 = * * * * *
 (Openings Data) (Openings Data) (Openings Data)
 83 # * * * * * 83 # * * * * * 83 # * * * * *
 84 = * * * * * 84 = * * * * * 84 = * * * * *
 85 = * * * * * 85 = * * * * * 85 = * * * * *
 86 = * * * * * 86 = * * * * * 86 = * * * * *
 87 = * * * * * 87 = * * * * * 87 = * * * * *
 88 = * * * * * 88 = * * * * * 88 = * * * * *
 89 = * * * * * 89 = * * * * * 89 = * * * * *

New Card for Each Open Section With Same R, T and Field 5 9

FOOT NOTES:

- ① Source of Data Codes: S D Ø A R L G Z
reporting, driller, owner, other gov't, other agency, logs, geologist, other reported
- ⑤ Casing Material Codes: B C G I M P R S T U W Z
brick, concrete, galv, wrought, other, PVC or, rock or, steel, tile, coated, wood, other iron, iron, metal, plastic, stone, steel
- ⑥ Type of Openings Codes: F L M P R S T W X Z
fracture, louvered, mesh, perforated, wire- screen, sand, walled, open, other shuttered or slotted wound (unknown) point hole
- ⑦ Type of Material Codes for Open Sections: B C G I M P R S T Z
brass or, concrete, galv, wrought, other, PVC or, stainless, steel, tile, other bronze iron iron metal plastic steel

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
GROUND WATER SITE INVENTORY
LITHOLOGIC SCHEDULE

G004 USCE 21A

Recorded by M

Date 1.17.79

Check One English Metric Units

GENERAL DATA FOR LITHOLOGIC SECTIONS

Site Ident No 349155088194801 RG Number R=0* Transaction T= A D M V *
 Site-Type 2= E β * Data Reliability 3= C U L M * Source Agency 4=
 Project No. 5= District 6= State 7= County (or town) 8=
 Latitude 9= Longitude 10= Lat-Long Accuracy 11= S F T M *
 Local Number 12= Land Net Loc. 13= section, township, range, merid
 Location Map 14= Scale 15=
 Altitude 16= Method of Measurement 17= A L M * Accuracy 18=
 Topo Setting 19= D C E F H K L φ P S T U V * Hydrologic Unit (OWDC) 20=
 Source of Geohydrologic Data 36= A D G L O R S Z *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90* T= A D M * Entry No 256 # Depth to Top 91= Depth to Bottom 92=
 Unit Identifier 93= Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T= A D M * Geohydrologic Unit Entry No 256 #
 Date 95 # / / Water Level 126= % Water Contributed 132=

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90* T= A D M * Entry No 256 # Depth to Top 91= 0. Depth to Bottom 92= 18.
 Unit Identifier 93= 2.1.1.C.F.F. Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T= A D M * Geohydrologic Unit Entry No 256 #
 Date 95 # / / Water Level 126= % Water Contributed 132=

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90* T= A D M * Entry No 256 # Depth to Top 91= 18. Depth to Bottom 92= 105.
 Unit Identifier 93= 2.1.1.T.B.G.B. Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T= A D M * Geohydrologic Unit Entry No 256 #
 Date 95 # / / Water Level 126= % Water Contributed 132=

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90* T= A D M * Entry No 256 # Depth to Top 91= 105. Depth to Bottom 92= 230.
 Unit Identifier 93= 2.1.1.E.U.T.W. Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T= A D M * Geohydrologic Unit Entry No 256 #
 Date 95 # / / Water Level 126= % Water Contributed 132=

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = (A) D M * Entry No 256 # 4 * Depth to Top 91 = 230 * Depth to Bottom 92 = 262 *

Unit Identifier 93 = 211MCSN * Lithology 96 = * Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * T = A D M * Geohydrologic Unit Entry No 256 # *

Date 95 # / / * Water Level 126 = * % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = (A) D M * Entry No 256 # 5 * Depth to Top 91 = 262 * Depth to Bottom 92 = *

Unit Identifier 93 = 211GØRD * Lithology 96 = * Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * T = A D M * Geohydrologic Unit Entry No 256 # *

Date 95 # / / * Water Level 126 = * % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = A D M * Entry No 256 # * Depth to Top 91 = * Depth to Bottom 92 = *

Unit Identifier 93 = * Lithology 96 = * Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * T = A D M * Geohydrologic Unit Entry No 256 # *

Date 95 # / / * Water Level 126 = * % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = A D M * Entry No 256 # * Depth to Top 91 = * Depth to Bottom 92 = *

Unit Identifier 93 = * Lithology 96 = * Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * T = A D M * Geohydrologic Unit Entry No 256 # *

Date 95 # / / * Water Level 126 = * % Water Contributed 132 = *

NOTES:

PRODUCTION DATA (1)

R = 134 146 * T = A D M * Entry No 147 # Date 148 = / / *
flowing, pumped add, delete, modify month day year

Discharge: 150 = Source of Data ① 151 = *
bailler, current, estimated, flume, totaling, orifice, pitot-tube, reported, trajectory, venturi, volumetric, weir, other

Method of Measurement 152 = B C E F M O P R T U V W Z *
meter

Production Level 153 = Static Level 154 = Source of Data ① 155 = * Specific Capacity 272 = *
airline, calibrated, estimated, pressure, calibrated, geophysical, manometer, reported, steel, electric, calibrated, other

Method of Measurement 156 = A C E G H L M R S T V Z * Pumping Period 157 = *
airline gauge pressure gauge logs tape tape electric tape

LIFT DATA (1)

R = 42 * T = A D M * Type of Lift 43 # A B C J P R S T U Z * Entry No 254 # *
add, delete, modify air, bucket, centrifugal, jet, piston, rotary, submergible, turbine, unknown, other

Pump Intake Setting 44 = Type of Power 45 = D E G H L N W Z *
diesel, electric, gasoline, hand, LP gas, natural, windmill, other

Date 38 = / / * Horsepower 46 = *
month day year

MAJOR PUMP DATA (2)

R = 47 * T = A D M * Type of Lift 43 # * Lift Entry No 254 # * Manufacturer of Pump 48 = *
add, delete, modify

Serial No of Pump 49 = Name of Power Company 50 = *
 Power Company Account No 51 = Power Meter No 52 = * Pump Rating 53 = *
 Person or Company Who Maintains the Pump 54 = Additional Lift 255 = * Rated Pump Capacity 268 = *

STANDBY POWER DATA (2)

(See LIFT DATA for codes of fields 43 and 56 below)

R = 55 * T = A D M * Type of Lift 43 # * Type of Power 56 = * Horsepower 57 = * Lift Entry No 254 # *

AVAILABLE LOG DATA (1)

R = 198 * T = A D M * New Card for Each Log Type Same R & T

Type of Log ②	199 # D *	Begin Depth 200 = 0. * *	End Depth 201 = 306. * *	Source of Data ① 202 = A * *
	199 # E *	200 = 10. * *	201 = 301. * *	202 = S * *
	199 # * *	200 = * *	201 = * *	202 = * *
	199 # * *	200 = * *	201 = * *	202 = * *

WATER QUALITY DATA COLLECTION (1)

R = 114 * T = A D M * Begin Year 115 # End Year 116 = Source Agency 117 = *
add, delete, modify

Frequency of Collection ③ 118 = * Network Site 257 = * Type of Analyses ④ 120 = *

WATER LEVEL DATA COLLECTION (1)

R = 121 * T = A D M * Begin Year 122 # End Year 123 = Source Agency 124 = *
add, delete, modify

Frequency of Collection ③ 125 = * Network Site 258 = *

WATER PUMPAGE/WITHDRAWAL DATA COLLECTION (1)

R = 127 * T = A D M * Begin Year 128 # End Year 129 = Source Agency 130 = *
add, delete, modify

Frequency of Collection ③ 131 = * Network Site 259 = * Method of Collection 133 = C E M U Z *
calculated, estimated, metered, unknown, other

OTHER DATA AVAILABLE (1)

R = 180 * T = A D M * Type of Data 181 # Loc 182 = C D Z * Format 261 = F M P Z *
add, delete, modify operator, district, other files, machine, published, other readable

New Card Same R & T Type of Data 181 # Loc 182 = C D Z * Format 261 = F M P Z *

FOOT NOTES:

① Source of Data Codes:

S	D	Ø	A	R	L	G	Z
---	---	---	---	---	---	---	---

reporting, driller, owner, other gov't, agency other logs, geologist, other reported.

② Type of Log Codes

A	B	C	D	E	F	G	H	I	J	K	L	M	N	Ø	P	Q
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

time, collar, caliper, driller's, electric, fluid, geologist, magnetic, induction, gamma, dipmeter, laterlog, microlog, neutron, µ later, photo, radio, active

S	T	U	V	Z
---	---	---	---	---

sonic, temp, gamma, fluid, other conduct ray gamma velocity

③ Frequency of Collection Codes

A	B	C	D	F	I	M	Ø	Q	S	W	Z
---	---	---	---	---	---	---	---	---	---	---	---

annual, bi-monthly, continuous, daily, semi, intermittent, monthly, one time, quarter, semi, weekly, other monthly only annual annual

④ Type of Quality Analyses Codes

A	B	C	D	E	F	G	H	J	K	L	M	Z
---	---	---	---	---	---	---	---	---	---	---	---	---

physical, common, trace, pesticides, nutrients, sanitary, codes, codes, codes, codes, codes, all or, other chemical elements B&D B&E B&F D&E C,D&E most

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * T= A D M * Entry No 256 # 1 1 * Depth to Top 91 = . . . * Depth to Bottom 92 = . . . *

Unit Identifier 93 = . . . * Lithology 96 = . . . * Lithologic Modifier 97 = . . . *

AQUIFER DATA (2)

R=94 * T= A D M * Geohydrologic Unit Entry No 256 # . . . *

Date 95 # / / * Water Level 126 = . . . * % Water Contributed 132 = . . . *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * T= A D M * Entry No 256 # . . . * Depth to Top 91 = . . . * Depth to Bottom 92 = . . . *

Unit Identifier 93 = . . . * Lithology 96 = . . . * Lithologic Modifier 97 = . . . *

AQUIFER DATA (2)

R=94 * T= A D M * Geohydrologic Unit Entry No 256 # . . . *

Date 95 # / / * Water Level 126 = . . . * % Water Contributed 132 = . . . *

PERTINENT REMARKS

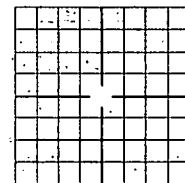
R=183 * T= A * 185 = . . . *

add 185 = . . . *

New Card Same R&T

185 = . . . *

NOTES:



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
Bureau of Land and Water Resources

P.O. Box 10631
Jackson, Mississippi 39289-0631
WATER WELL PLUGGING
DECOMMISSIONING

COUNTY WELL LOCATED Tishomingo	
WELL NUMBER 21A	CODED
DATE WELL PLUGGED	

PERMIT NUMBER
NAME OF DRILLING FIRM

NAME & MAILING ADDRESS OF LANDOWNER HERMAN R. McNEIL			
8797 LANE STREET			
DETROIT, MICHIGAN 48209			
WELL LOCATION	SEC	TOWNSHIP	RANGE
SWSWS26T04SR09E			
DISTANCE	DIRECTION	NEAREST TOWN	
OTHER LANDMARK			
WELL PURPOSE Home, Irrigation, Municipal, Industrial, Fish Pond, etc. Groundwater Study			

NAME OF WELL CONTRACTOR WHO DRILLED THE WELL		
NAME OF LANDOWNER WHEN WELL WAS DRILLED		
WELL DATA		
Well Depth 278'	Casing Diameter (In.) 4.0	Casing Length (Ft.)
Type of Casing PVC	Moisture Depth	Depth to Static Water Level
DATE WELL COMPLETED		

DESCRIBE HOW THE WELL OR HOLE WAS PLUGGED (AMOUNT OF CASING AND OR SCREEN THAT WAS REMOVED OR LEFT IN HOLE MATERIAL USED IN PLUGGING ETC.)
Well left open at request of landowner

I CERTIFY THAT THE WELL WAS PLUGGED OR ABANDONED IN ACCORDANCE WITH THE STATE OF MISSISSIPPI REGULATIONS
John C. Shaw
SIGNATURE
2/6/91
DATE

PADEN QUAD

