

See D34 for sketch

Plugged

Hole 14A

Kerrisville Quad

FORM 9-642
(1-66)

Well No. D:1

WELL SCHEDULE

(see log #53)

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by B.E.W. Source of data Del. logs Date 3-27-72 Map Kerrisville

State Ill. County DeKalb (or town) DeKalb

Latitude: 39° 46' 43" N Longitude: 88° 18' 21" W Sequential number: 2

Lat-long accuracy: 30' 3" 15" 30"

Local well number: D 037 P B 36 03 S 09 E Other number: B & M

Local use: USCE NO 14A Owner or name: USCG 14A Address: Hardy

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

Use of: Air cond, Bottling, Comm, Devator, Power, Fire, Dom, Irr, Mad, Ind, P & Rec, Stock, Instit, Unused, Recharge, Desal-P 5, Desal-other, Other Q

Use of well: Anode, Drain, Spasmodic, Heat Reg, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed D

DATA AVAILABLE: Well data 1 Prog. W/L meas.: M Field marker char. M

Hyd. tab. data:

Qual. water data: type:

Free sampling: Pumpage inventory: yes no period:

Aperture cards: yes

Log data: E-log D/E

WELL-DESCRIPTION CARD

4" casing to 170 - Comp. test

SAME AS ON MASTER CARD Depth well: 184 ft. Meas. accuracy: 3

Depth cased: 174 ft. Casing type: PVC Diam. 4 X 2

Finish: porous gravel w. concrete, (perf.) P gravel w. (screen) horis. gallery, end, slotted open para., screen, sd. pt., shored, open hole, other

Method Drilled: air bored, cable, auger, rot, jetted, air reverse, percussion, rotary, trenching, driven, drive wash, other H

Date Drilled: 972 Pump intake setting: ft.

Driller: USCE

Lift (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other Deep 4 Shallow

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

Descrip. MP OK(11/89) ft above below LSD, Alt. MP

Alt. LSD: 545 Accuracy: (source) 3

Water Level: 6796 ft above below MP; Ft below LSD 68 Accuracy: A

Date meas: 372 Yield: gpm Method determined

Drawdown: ft Accuracy: Pumping period: hrs

QUALITY OF WATER DATA: Iron Sulfate Chloride Hard.

Sp. Conduct K x 10⁶ Temp. 62 °F Date sampled 472

Taste, color, etc.

PUNCHED



*Use of water...
 Use of water...
 Use of water...
 Use of water...
 Use of water...
 Use of water...*

Hydrogeologic Card Form with handwritten entries:

- Section: **0.3**
- Subbasin: **18 R**
- Top of depression, stream channel, dunes, flat, hill top, sink, swamp: (A) **18 R**
- Offshore, pediment, hillside, terrace, undulating, valley flat: (B) **18 R**
- MAJOR: **AQUICL**
- MINOR: **AQUICL**
- System: **AQUICL**
- Lithology: **AQUICL**
- Length of well open to: **18 R**
- Depth to top of: **18 R**
- Origin: **18 R**
- Aquifer formation, group: **18 R**
- Adaptor: **18 R**
- Thickness: **18 R**
- Depth to: **18 R**
- Cap of: **18 R**
- Source of data: **18 R**
- Source of data: **18 R**
- Infiltration characteristics: **18 R**
- Characteristics: **18 R**
- Infiltration: **18 R**
- Coefficient: **18 R**
- Storage: **18 R**
- Spec cap: **18 R**
- Spec cap: **18 R**

HYDROGEOLOGIC CARD

PHYSIOGRAPHIC PROVINCE

SECTION

WELL NO.

DATE

BY

REVISION

SCALE

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

Recorded by M

Date 1.11.79

Check One English Metric Units

GENERAL SITE DATA (0)

Site Ident No 344643088182102 RG Number R-0* Transaction T-A D M V*
 Site-Type 2-C D H I M P T W* Data 3-C U L M* Reporting Agency 4-USGS*
 Project No. 5- District 6-28* State 7-28* County (or town) 8-141*
 Latitude 9-34:46:43* Longitude 10-088:18:30* Lat-Long Accuracy 11-S F T M*
 Local Number 12-D037 Land Net Loc. 13-SENE 36 T 03S R 09E*
 Location Map 14- Scale 15-1
 Altitude 16-545* Method of Measurement 17-A L M* Accuracy 18-1.0*
 Topo Setting 19-D C E F H K L P S T U V W* Hydrologic Unit (OWDC) 20-
 Date of First Construction/Completion 21-03/06/1972* Use of Site 23-A D E G H 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 27-1.84* Depth of Well 28-1.84* Source of Depth Data 29-A*
 Water Level 30-67.96* Date Measured 31-03/21/1972* Source 33-S*
 Method of Measurement 34-A C E G H L M R S T V Z*
 Site Status 37-D F G H P R S T V X Z*
 Source of Geohydrologic Data 36-A* Pump Used 35- Measuring Point 266-1.0* Measuring Point Date 267-03/21/1972*

OWNER IDENTIFICATION (1)

R-158* T-A D M* Date of Ownership 159-03/21/1972*
 Name: Last 161-USCE 14A First 162- Middle Initial 163-

OTHER SITE IDENTIFICATION NUMBERS (1)

R-189* T-A D M* Ident 190-56 Assigner 191-MISS. DIST.
 New Card Same R & T Ident 190- Assigner 191-

SITE VISIT DATA (1)

R-186* T-A D M* Date of Visit 187- Name of Person 188-

FIELD WATER QUALITY MEASUREMENTS (1)

R-192* T-A D M* Date 193-04/00/1972* Geohydrologic Unit 195-21160RD*
 New Card Same R thru 195 Temperature 196-0,0,0,1,0* Degrees C 197-67.*
 Conductance 196-0,0,0,8,5* μ Mhos 197-
 Other (STORE) Parameter 198- Value 197-
 Other (STORE) Parameter 196- Value 197-

FOOT NOTES:

① Source of Data Codes:
S D Ø A R L G Z
 reporting, driller, owner, other gov't, other logs, geologist, other agency reported.

WELL CONSTRUCTION DATA (1)

R-58 * T-ADM * Entry No 59 # 1 * Date of Construction Completion 60=03/06/1972* Source of Const. Data 64=A *

Name of Contractor/Driller 63=USCE *

Method of Construction 65= A B C D H J P R T V W Z *
air-rotary, bored, cable, dug, hydraulic, jettied, air-per., reverse, trenching, driven, drive, other
or augered, tool, and, rotary, rotary, cushion, rotary, hole

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, and, perforated, or slotted, screen, sand point, walled, open, other hole, bentonite, clay, cement, other grout

Bottom of Seal 68=17.0 * Method of Development 69= A B C J N P S Z * Number of Hours in Development 70= *
air-lift, bailed, compressed, jettied, none, other, surged, other pump, air pump

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-ADM * Construction Entry No 59 # 1 *

Top of Hole Segment Below LSD	Bottom of Hole Segment below LSD	Diameter of Hole Segment
73 # 0. * *	74 = 17.0 * *	75 = 6.25 * *
73 # 17.0 * *	74 = 18.4 * *	75 = 3.88 * *
73 # * *	74 = * *	75 = * *
73 # * *	74 = * *	75 = * *
73 # * *	74 = * *	75 = * *

New Card for Each Hole Segment Same R, T & Field 59

CASING SCHEDULE (2)

R-76 * T-ADM * Construction Entry No 59 # 1 * New Card for Each Casing With Same R, T & Field 59

Top of Casing Segment Below LSD	Bottom of Casing Segment Below LSD	Diameter of Casing Segment	Casing Material	Thickness of Casing
77 # 1.0 * *	78 = 17.0 * *	79 # 4. * *	80 = * *	81 = * *
77 # 16.4 * *	78 = 17.4 * *	79 # 2. * *	80 = * *	81 = * *
77 # * *	78 = * *	79 # * *	80 = * *	81 = * *
77 # * *	78 = * *	79 # * *	80 = * *	81 = * *
77 # * *	78 = * *	79 # * *	80 = * *	81 = * *

OPENINGS SCHEDULE (2)

R-82 * T-ADM * Construction Entry No 59 # 1 * New Card for Each Open Section With Same R, T and Field 59

Top of Section Below LSD	Bottom of Section Below LSD	Type of Openings	Type of Material	Diameter of Open Section	Width of Opening	Length of Opening
83 # 17.4 * *	84 = 18.4 * *	85 = P * *	86 = * *	87 = 2. * *	88 = * *	89 = * *
83 # * *	84 = * *	85 = * *	86 = * *	87 = * *	88 = * *	89 = * *
83 # * *	84 = * *	85 = * *	86 = * *	87 = * *	88 = * *	89 = * *

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. iron, wrought iron, other, metal, PVC or iron, rock or metal, steel, tile, coated, wood, other 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 bronze, concrete, galv. iron, wrought iron, other, metal, PVC or iron, stainless steel, tile, other steel

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

D037 USCE 14A

Recorded by

Date 1.11.79

Check One English Metric Units

GENERAL DATA FOR LITHOLOGIC SECTIONS

Site Ident No 344643088182102 RG Number R=0* Transaction T=A D M V*
add, delete, modify, verified

Site-Type 2= E β * Data Reliability 3= C U L M * Source Agency 4=
excavation, outcrop field checked, unchecked, location not, minimal accurate data

Project No. 5= District 6= State 7= County (or town) 8=
accurate data

Latitude 9= Longitude 10= Lat-Long Accuracy 11= S F T M *
deg min sec deg min sec sec. 5 sec, 10 sec, Min

Local Number 12= Land Net Loc. 13=
1/4 1/4 1/4 section, township, range, merid

Location Map 14= Scale 15=

Altitude 16= Method of Measurement 17= A L M * Accuracy 18=
altimeter, level, map

Topo Setting 19= D C E F H K L β P S T U V * Hydrologic Unit (OWDC) 20=
depression, stream, dunes, flat, hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat

Source of Geohydrologic Data 36= A D G L O R S Z *
other gov't, driller, geologist, logs, owner, reported, USGS, other

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

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

Unit Identifier 93= Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T=A D M * Geohydrologic Unit Entry No 256 #
add, delete, modify

Date 95 # / / 126= Water Level 132= % Water Contributed
month day year

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

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

Unit Identifier 93= Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T=A D M * Geohydrologic Unit Entry No 256 #
add, delete, modify

Date 95 # / / 126= Water Level 132= % Water Contributed
month day year

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

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

Unit Identifier 93= Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T=A D M * Geohydrologic Unit Entry No 256 #
add, delete, modify

Date 95 # / / 126= Water Level 132= % Water Contributed
month day year

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

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

Unit Identifier 93= Lithology 96= Lithologic Modifier 97=

AQUIFER DATA (2)

R=94* T=A D M * Geohydrologic Unit Entry No 256 #
add, delete, modify

Date 95 # / / 126= Water Level 132= % Water Contributed
month day year

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

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

add, delete, modify

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 =

add, delete, modify

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 =

add, delete, modify

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 =

add, delete, modify

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 151 = *
Method of Measurement 152 = B C E F M O P R T U V W Z *
batter, current, estimated, flume, totaling, orifice, pitot-tube, reported, trajectory, venturi, volumetric, weir, other
meter, meter, meter

Production Level 153 = Static Level 154 = Source of Date 155 = * Specific Capacity 272 = *
Method of Measurement 156 = A C E G H L M R S T V Z * Pumping Period 157 = *
airline, calibrated, estimated, pressure, calibrated, geophysical, manometer, reported, steel, electric, calibrated, other
airline gage pressure gage logs 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, submersible, 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 gas

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 # *
add, delete, modify

AVAILABLE LOG DATA (1)

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

Type of Log 199 # D *	Begin Depth 200 = 0 *	End Depth 201 = 1.84 *	Source of Data 202 = A *
199 # E *	200 = 1 *	201 = 1.69 *	202 = S *
199 # *	200 = *	201 = *	202 = *
199 # *	200 = *	201 = *	202 = *

WATER QUALITY DATA COLLECTION (1)

R = 114 * T = A D M * Begin Year 115 # 1972 * End Year 116 = * Source Agency 117 = USGS *
add, delete, modify

Frequency of Collection 118 = B * Network Site 257 = * Type of Analysis 120 = *
Frequency of Collection 118 = B * Network Site 257 = * Type of Analysis 120 = *

WATER LEVEL DATA COLLECTION (1)

R = 121 * T = A D M * Begin Year 122 # 1972 * End Year 123 = * Source Agency 124 = USGS *
add, delete, modify

Frequency of Collection 125 = Q * 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 131 = * Network Site 259 = * Method of Collection 133 = C E M U Z *
Frequency of Collection 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 cooperater, 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-
conduct ray
- S T U V Z
sonic, temp, gamma, fluid, other gamma velocity
- ③ Frequency of Collection Codes: A B C D F I M Ø O 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, unitary, 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 # Depth to Top 91 = 175 * Depth to Bottom 92 = *

Unit Identifier 93 = ZINGARO * 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 = *

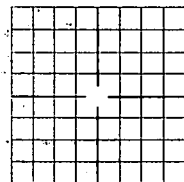
AQUIFER DATA (2)

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 = * 185 = * 185 = * New Card Same R&T

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		PERMIT NUMBER
WELL NUMBER 14A	CODED	
D37		NAME OF DRILLING FIRM
DATE WELL PLUGGED 2 Oct 90		

NAME & MAILING ADDRESS OF LANDOWNER U.S. Army Engr. Dist., Mobile			
P.O. Box 2268			
Mobile, AL 36628			
WELL LOCATION	SEC	TOWNSHIP	RANGE
SE NWS 36 T 03 S R 09 E			
DISTANCE	DIRECTION	NEAREST TOWN	
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation, Municipal, Industrial, Fish Pond, etc Groundwater Study (USGS)			

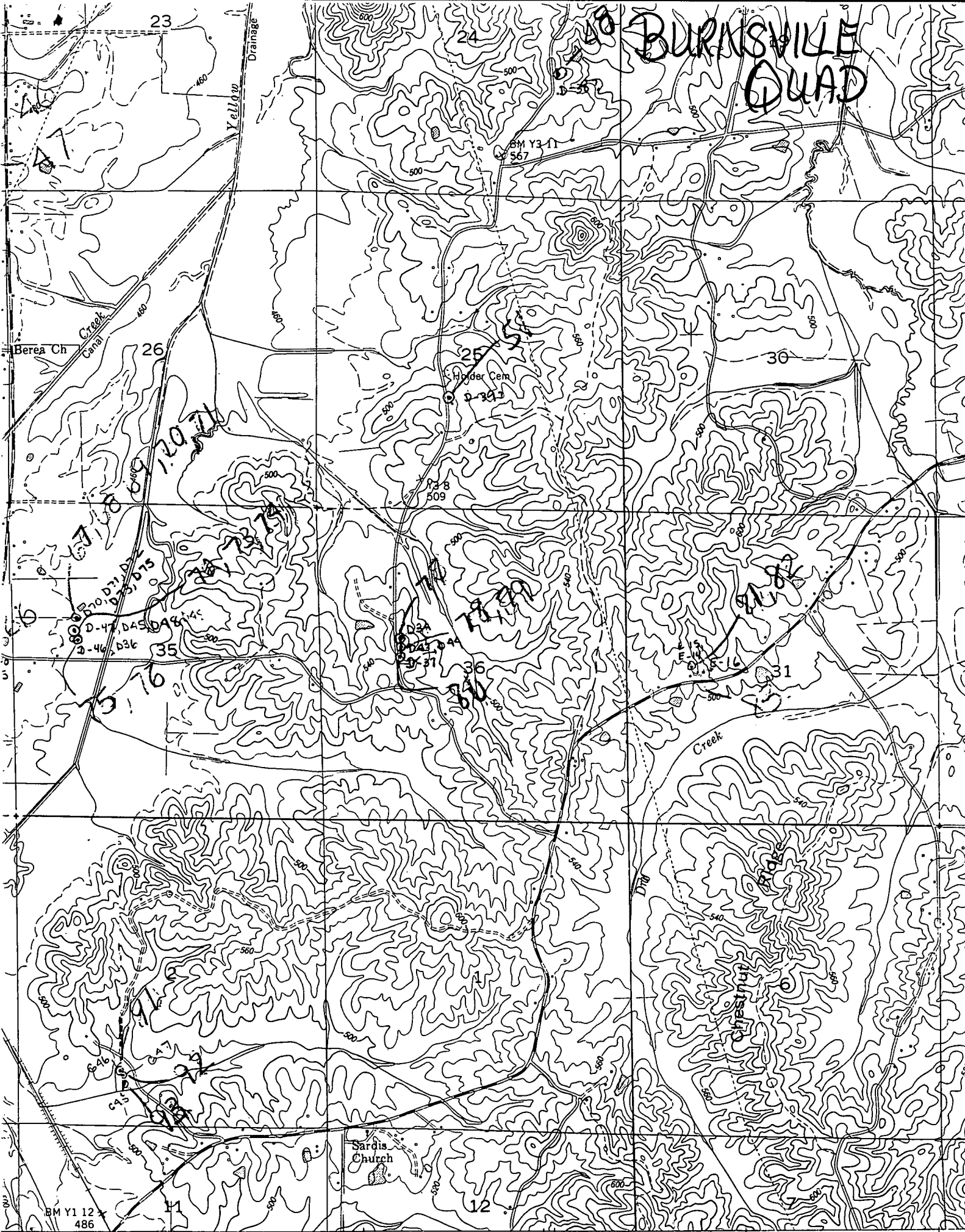
NAME OF WELL CONTRACTOR WHO DRILLED THE WELL		
NAME OF LANDOWNER WHEN WELL WAS DRILLED		
WELL DATA		
Well Depth 184'	Casing Diameter (In.) 4"	Casing Length (Ft.)
Type of Casing PVC	Hole Depth	Depth to Static Water Level 70'
DATE WELL COMPLETED		

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.)
Portland cement Mix - 1 bag cement w/ 5.5 gal water
Pumped 9 bags, approx 10.8 cf. Grout mix in hole.
Cut 4" riser pipe flush w/ground. left
well screen and remaining pipe in hole.

I CERTIFY THAT THE WELL WAS PLUGGED OR ABANDONED IN ACCORDANCE WITH THE STATE OF MISSISSIPPI REGULATIONS	
_____ SIGNATURE	_____ DATE
Ruby Clements	2 Oct 90

TY
631
VG
VG

BURNSVILLE QUAD



1.3 MI. TO MISSISSIPPI 365

(PADEN 15-NE)
3353 III NE

R. 9 E. R. 10 E. 17' 30"

SCALE 1:24000

1 MILE