Hole 14 | Burnsville Quad

FORM 9-1642 (1-68)

Well No. D 34

Elog # 53

WELL SCHEDULE

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

PUNCHED

MASTER CARD

Record by: BEW Source of data: Obs driller Date: 2-24-72 Map: Burnsville

State: MISS [28] County (or town): TISH [141]

Latitude: 3 4 4 6 1 9 N Longitude: 0 8 8 1 8 2 3 Sequential number: 1

Lat-long accuracy: 2 T 3 R 9 Sec 36 NW SW SE NW / SW SE SW

?? match w/ sketch prob. should be SW/SE/NW

Local well number: D0 34 DC 36 085 09E Other number: Hole 14

Local use: 053

Owner or name: USCE NO 14

Ownership: (C) County, (F) Fed Gov't, (M) City, (N) Corp or Co, (P) Private, (S) State Agency, (W) Water Dist

Use of water: (A) Air-cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (H) Dom, (I) Irr, (M) Med, (N) Ind, (P) P-S, (R) Rec, (S) Stock, (T) Instit, (U) Unused, (V) Repressure, (W) Recharge, (X) Desal-P-S, (Y) Desal-other, (Z) Other

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (O) Obs, (P) Oil-gas, (R) Recharge, (T) Test, (U) Unused, (W) Withdraw, (Z) Waste, (X) Destroyed

DATA AVAILABLE: Well data [ ] Freq. W/L meas.: N Field aquifer char.

Hyd. lab. data:

Qual. water data; type:

Freq. sampling: Pumpage inventory: yes / no, period:

Aperture cards: yes

Log data: Elog 2'-390' [DE]

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: ft [3] Meas. / rept / accuracy [B]

Depth cased (first perf.): ft Casing type: Diam. in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (O) open end, (P) perf., (S) screen, (T) sd. pt., (W) shored, (X) open hole, (Z) other

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

Date Drilled: 9 72 Pump intake setting:

Driller: USCE, name; MOBILE ALA, address

Lift (type): (A) air, (B) bucket, (C) cent, (J) jet, (L) multiple (cent.), (M) multiple (turb.), (N) none, (P) piston, (R) rot, (S) submerg, (T) turb, (Z) other Deep / Shallow

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

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

Alt. LSD: 545 Accuracy (source): topo [4]

Water Level: ft above/below MP; ft above/below LSD Accuracy:

Date meas.: Yield: gpm Method determined

Drawdown: ft Accuracy: Pumping period hrs

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

Sp. Conduct K x 10^6 Temp. °F Date sampled

Taste, color, etc.

Well No. D34

Well No. _____

Latitude-longitude N S d m s d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: _____ 03 Section: _____

D Drained Basin: _____ 18R Subbasin: _____

Topo of well site: (D) depression, (C) stream channel, (E) dunes, (F) flat, (H) hilltop, (K) sink, swamp, (L) offshore, (P) pediment, (S) hillside, (T) terrace, (U) undulating, (V) valley flat

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

Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft

Length of well open to: _____ ft Depth to top of: _____ 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 Source of data: _____

Depth to basement: _____ ft Source of data: _____

Surficial material: _____ Infiltration characteristics: _____

Coefficient Trans: _____ gpd/ft Coefficient Storage: _____

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

.3 14A,B,C (about 20' apart)

Well No.

GPO 937-142

FORM NO 9-1904— A

SITE NO. 0034 USCE 14

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 5 34461408818230 19 | RG Number R=0 | Transaction T=(A) D M V (add, delete, modify, verified)

Site-Type 2=C D H I M P T (W) (collector, drain, sinkhole, connector, multiple, pond, tunnel or, well shaft, well) | Data Reliability 3=C (U) L M (field checked, unchecked, location not accurate, minimal data) | Reporting Agency 4=USGS

Project No. 5= | District 6=28 | State 7=28 | County (or town) ___ 8=141

Latitude 9=34:46:42 (deg min sec) | Longitude 10=088:18:30 (deg min sec) | Lat-Long Accuracy 11=(S) F T M (sec, 5 sec, 10 sec, Min)

Local Number 12=0034 | Land Net Loc. 13= 1/4 SENW 1/4 S 36 section, T 03S township, R 06E range, merid

Location Map 14= | Scale 15=

Altitude 16=545. | Method of Measurement 17=A L (M) (altimeter, level, map) | Accuracy 18=1.0

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

Date of First Construction/Completion 21=02/24/1972 (month day year) | Use of Site 23=A D E G H (J) M P R S (T) U W X Z (anode, drain, geothermal, seismic, heat reserv, observation, mine, oil or gas, recharge, repress, test, unused, withdrawal, waste, destroyed)

Use of Water 24=A B C D E F H I M N P R S T (U) Y Z (air cond., bottling, commercial, dewater, power, fire, domestic, irrigation, medicinal, industrial, public supply, recreation, stock, institution, unused, desal, other)

Secondary Water Use 25= | Tertiary Use of Water 26= | Depth of Hole 27=390. | Depth of Well 28= | Source of Depth Data ① 29=A

Water Level 30= | Date Measured 31= (month day year) | Source ① 33=

Method of Measurement 34=A C E G H L M R S T V Z (airline, calibrated airline, estimated, pressure gage, calibrated pressure gage, geophysical logs, manometer, reported, steel tape, electric tape, calibrated electric tape, other)

Site Status 37=D F G H Ø P R S T V X Z (dry, flowing, nearby flowing, nearby recently flowing, obstruction, pumping, recently pumped, nearby pumping, nearby recently pumped, foreign substance, surface water effects, other)

Source of Geohydrologic Data ① 36=A | Pump Used 35= (no) | Measuring Point 266= | Measuring Point Date 267= (month day year)

OWNER IDENTIFICATION (1)

R=158 | T=(A) D M (add, delete, modify) | Date of Ownership 159#02/24/1972 (month day year)

Name: Last 161=USCE 14 | First 162= | Middle Initial 163=

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 | T=(A) D M (add, delete, modify)

Ident 190#53 | Assigner 191=MISS DIST

New Card Same R & T

Ident 190# | Assigner 191=

SITE VISIT DATA (1)

R=186 | T=A D M (add, delete, modify) | Date of Visit 187# (month day year) | Name of Person 188=

FIELD WATER QUALITY MEASUREMENTS (1)

R=192 | T=A D M (add, delete, modify) | Date 193# (month day year) | Geohydrologic Unit 195#

New Card Same R thru 195

Temperature 196#00010 | Degrees C 197=

Conductance 196#00095 | 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 agency, driller, owner, other gov't, other reported, logs, geologist, other)

WELL CONSTRUCTION DATA (1)

R = 58 * | T = (A) D M * (add, delete, modify) | Entry No 59 # 1 * | Date of Construction Completion 60 = 02/24/1972 * (month / day / year) | Source of (1) 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 *
(A air-rotary, B bored or augered, C cable-tool, D dug, H hydraulic rotary, J jetted, P air-percussion, R reverse rotary, T trenching, V driven, W drive wash, Z other)

Finish 66 = C F G H Ø P S T W X Z *
(C porous concrete, F gravel w/ perf, G gravel screen, H horizontal gallery, Ø open end, P perforated or slotted, S screen, T sand point, W walled, X open hole, Z other)

Type of Seal 67 = B C G Z *
(B bentonite, C clay, G cement grout, Z other)

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

Special Treatment During Development 71 = C D E F H M Z *
(C chemicals, D dry ice, E explosives, F deflocculent, H hydrofracturing, M mechanical, Z other)

DIMENSIONS OF THE HOLE CONSTRUCTED (2)

R = 72 * | T = (A) D M * (add, delete, modify) | Construction Entry No 59 # 1 *

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

Top of Hole Segment Below LSD	Bottom of Hole Segment below LSD	Diameter of Hole Segment
73 # 0. *	74 = 390. *	75 = 4.25 *
73 # *	74 = *	75 = *
73 # *	74 = *	75 = *
73 # *	74 = *	75 = *
73 # *	74 = *	75 = *

CASING SCHEDULE (2)

R = 76 * | T = A D M * (add, delete, modify) | Construction Entry No 59 # *

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 (5)	Thickness of Casing
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *

OPENINGS SCHEDULE (2)

R = 82 * | T = A D M * (add, delete, modify) | Construction Entry No 59 # *

New Card for Each Open Section With Same R, T and Field 59

	(Openings Data)	(Openings Data)	(Openings Data)
Top of Section Below LSD	83 # *	83 # *	83 # *
Bottom of Section Below LSD	84 = *	84 = *	84 = *
Type of Openings (6)	85 = *	85 = *	85 = *
Type of Material (7)	86 = *	86 = *	86 = *
Diameter of Open Section	87 = *	87 = *	87 = *
Width of Opening	88 = *	88 = *	88 = *
Length of Opening	89 = *	89 = *	89 = *

FOOT NOTES:

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

(5) Casing Material Codes
B C G I M P R S T U W Z
(B brick, C concrete, G galv. iron, I wrought iron, M other metal, P PVC or plastic, R rock or stone, S steel, T tile, U coated steel, W wood, Z other)

(6) Type of Openings Codes
F L M P R S T W X Z
(F fracture, L louvered shuttered, M mesh, P perforated or slotted, R wire-wound, S screen (unknown), T sand point, W walled, X open hole, Z other)

(7) Type of Material Codes for Open Sections
B C G I M P R S T Z
(B brass or bronze, C concrete, G galv. iron, I wrought iron, M other metal, P PVC or plastic, R stainless steel, S steel, T tile, Z other)

FORM NO 9-1904—A

SITE NO. D034 USCE-14

Recorded by JL

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

Date 1.11.79

Check One ✓ English ___ Metric Units

GENERAL SITE DATA (0)

Site Ident No 344619088182391 (5–19)

RG Number R=0 *

Transaction T= A (D) M V * (add, delete, modify, verified)

Site-Type 2= C D H I M P T W * (collector, drain, sinkhole, connector, multiple, pond, tunnel or, well shaft, well)

Data Reliability 3= C U L M * (field checked, unchecked, location not accurate, minimal data)

Reporting Agency 4= *

Project No. 5= *

District 6= *

State 7= *

County (or town) ___ 8= *

Latitude 9= * (deg min sec)

Longitude 10= * (deg min sec)

Lat-Long Accuracy 11= S F T M * (sec, 5 sec, 10 sec, Min)

Local Number 12= *

Land Net Loc. 13= S T R * (1/4 1/4 1/4 section, township, range, merid)

Location Map 14= *

Scale 15= *

Altitude 16= *

Method of Measurement 17= A L M * (altimeter, level, map)

Accuracy 18= *

Topo Setting 19= D C E F H K L Ø P S T U V W * (depression, stream channel, dunes, flat, hilltop, sink, swamp, offshore, pediment, hillside, terrace, undulating, valley flat, upland draw)

Hydrologic Unit (OWDC) 20= *

Date of First Construction/ Completion 21= / / * (month day year)

Use of Site 23= A D E G H Ø M P R S T U W X Z * (anode, drain, geo-thermal, seismic, heat, observ- reserv- ation, mine, oil or gas, recharge, repress, test, unused, with- drawal, waste, destroyed)

Use of Water 24= A B C D E F H I M N P R S T U Y Z * (air cond., bottling, commercial, dewater, power, fire, domestic, irrigation, medicinal, industrial, public supply, recreation, stock, institution, unused, desal, other)

Secondary Water Use 25= *

Tertiary Use of Water 26= *

Depth of Hole 27= *

Depth of Well 28= *

Source of Depth Data ① 29= *

Water Level 30= *

Date Measured 31= / / * (month day year)

Source ① 33= *

Method of Measurement 34= A C E G H L M R S T V Z * (airline, calibrated, estimated, pressure airline, calibrated, pressure gage, geophysical, logs, manometer, reported, steel tape, electric, calibrated, tape, electric tape, other)

Site Status 37= D F G H Ø P R S T V X Z * (dry, flowing, nearby, flowing, nearby, recently flowing, obstruction, pumping, recently pumped, nearby, pumping, nearby, recently pumped, foreign substance, surface water effects, other)

Source of Geohydrologic Data ① 36= *

Pump Used 35= (no) *

Measuring Point 266= *

Measuring Point Date 267= / / * (month day year)

OWNER IDENTIFICATION (1)

R=158 * T= A D M * (add, delete, modify)

Date-of-Ownership 159 # / / * (month day year)

Name: Last 161= * First 162= * Middle Initial 163= *

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 * T= A D M * (add, delete, modify)

Ident 190 # * Assigner 191= *

New Card Same R & T

Ident 190 # * Assigner 191= *

SITE VISIT DATA (1)

R=186 * T= A D M * (add, delete, modify)

Date of Visit 187 # / / * (month day year)

Name of Person 188= *

FIELD WATER QUALITY MEASUREMENTS (1)

R=192 * T= A D M * (add, delete, modify)

Date 193 # / / * (month day year)

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 * µMhos 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 agency, driller, owner, other gov't, other reported, logs, geologist, other)

WELL CONSTRUCTION DATA (1)

R = 58 * | T = A D M * (add, delete, modify) | Entry No 59 # * | Date of Construction Completion 60 = / / * (month / day / year) | Source of ① Const. Data 64 = *

Name of Contractor/Driller 63 = *

Method of Construction 65 = A B C D H J P R T V W Z *
A air-, rotary; B bored, or augered; C cable-, tool; D dug; H hydraulic, rotary; J jetted; P air-per-, cussion; R reverse, rotary; T trenching; V driven; W drive, wash; Z other

Finish 66 = C F G H Ø P S T W X Z *
C porous, concrete; F gravel w, perf; G gravel screen; H horizontal, gallery; Ø open, end; P perforated, or slotted; S screen; T sand point; W walled; X open, hole; Z other

Type of Seal 67 = B C G Z *
B bentonite; C clay; G cement, other grout

Bottom of Seal 68 = *

Method of Development 69 = A B C J N P S Z *
A air-lift, bailed, pump; B compressed, air; C jetted; J none; N other, pump; P surged; S other; Z other

Number of Hours in Development 70 = *

Special Treatment During Development 71 = C D E F H M Z *
C chemicals; D dry ice; E explosives; F defloculent; H hydrofracturing; M mechanical; Z other

DIMENSIONS OF THE HOLE CONSTRUCTED (2)

R = 72 * | T = A D M * (add, delete, modify) | Construction Entry No 59 # *

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

Top of Hole Segment Below LSD	Bottom of Hole Segment below LSD	Diameter of Hole Segment
73 # *	74 = *	75 = *
73 # *	74 = *	75 = *
73 # *	74 = *	75 = *
73 # *	74 = *	75 = *
73 # *	74 = *	75 = *

CASING SCHEDULE (2)

R = 76 * | T = A D M * (add, delete, modify) | Construction Entry No 59 # * | 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 ⑤	Thickness of Casing
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *
77 # *	78 = *	79 # *	80 = *	81 = *

OPENINGS SCHEDULE (2)

R = 82 * | T = A D M * (add, delete, modify) | Construction Entry No 59 # * | New Card for Each Open Section With Same R, T and Field 59

	(Openings Data)	(Openings Data)	(Openings Data)
Top of Section Below LSD	83 # *	83 # *	83 # *
Bottom of Section Below LSD	84 = *	84 = *	84 = *
Type of Openings ⑥	85 = *	85 = *	85 = *
Type of Material ⑦	86 = *	86 = *	86 = *
Diameter of Open Section	87 = *	87 = *	87 = *
Width of Opening	88 = *	88 = *	88 = *
Length of Opening	89 = *	89 = *	89 = *

FOOT NOTES:

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

⑤ Casing Material Codes: B C G I M P R S T U W Z
B brick; C concrete; G galv. iron; I wrought iron; M other metal; P PVC or plastic; R rock or stone; S steel; T tile; U coated steel; W wood; Z other

⑥ Type of Openings Codes: F L M P R S T W X Z
F fracture; L louvered, shuttered; M mesh; P perforated or slotted; R wire-wound; S screen (unknown); T sand point; W walled; X open hole; Z other

⑦ Type of Material Codes for Open Sections: B C G I M P R S T Z
B brass or bronze; C concrete; G galv. iron; I wrought iron; M other metal; P PVC or plastic; R stainless steel; S steel; T tile; Z other

FORM NO. 9—1904—F

Recorded by M

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

D034 USCE 14

Date 1.11.79

LITHOLOGIC SCHEDULE

Check One ✓ English ___ Metric Units

GENERAL DATA FOR LITHOLOGIC SECTIONS

Site Ident No 344619088182301 (5–19)

RG Number R=0 *

Transaction T= (A) D M V * (add, delete, modify, verified)

Site-Type 2= E Ø * (excavation, outcrop)

Data Reliability 3= C U L M * (field checked, unchecked, location not accurate, minimal data)

Source Agency 4= *

Project No. 5= *

District 6= *

State 7= *

County (or town) 8= *

Latitude 9= * (deg min sec)

Longitude 10= * (deg min sec)

Lat-Long Accuracy 11= S F T M * (sec, 5 sec, 10 sec, Min)

Local Number 12= *

Land Net Loc. 13= S T R * (1/4 1/4 1/4 section, township, range, merid)

Location Map 14= *

Scale 15= *

Altitude 16= *

Method of Measurement 17= A L M * (altimeter, level, map)

Accuracy 18= *

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

Hydrologic Unit (OWDC) 20= *

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 * (add, delete, modify) | Entry No 256 # 3 * | Depth to Top 91= 158. * | Depth to Bottom 92= 175. *

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

AQUIFER DATA (2)

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

Date 95 # / / * (month day year) | Water Level 126= . * | % Water Contributed 132= *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * | T= (A) D M * (add, delete, modify) | Entry No 256 # 4 * | Depth to Top 91= 175. * | Depth to Bottom 92= 384. *

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

AQUIFER DATA (2)

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

Date 95 # / / * (month day year) | Water Level 126= . * | % Water Contributed 132= *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * | T= (A) D M * (add, delete, modify) | Entry No 256 # 5 * | Depth to Top 91= 384. * | Depth to Bottom 92= ~~[illegible]~~ *

Unit Identifier 93= 330MSSP * | Lithology 96= SDMN * | Lithologic Modifier 97= RØCK, WEATHERED *

AQUIFER DATA (2)

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

Date 95 # / / * (month day year) | Water Level 126= . * | % Water Contributed 132= *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * | T= A D M * (add, delete, modify) | 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 * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126= . * | % Water Contributed 132= *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * | T= A D M * (add, delete, modify) | 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 * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = . * | % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * | T= A D M * (add, delete, modify) | 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 * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = . * | % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * | T= A D M * (add, delete, modify) | 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 * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = . * | % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R=90 * | T= A D M * (add, delete, modify) | 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 * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = . * | % Water Contributed 132 = *

NOTES:

U.S. GOVERNMENT PRINTING OFFICE : 1975 O - 579-024

PRODUCTION DATA (1)

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

Discharge: 150 = * | Source of Data ① 151 = * | Method of Measurement 152 = B C E F M O P R T U V W Z * (bailer, current meter, estimated, flume, totaling meter, orifice, pitot-tube meter, reported, trajectory, venturi, volumetric, weir, other)

Production Level 153 = * | Static Level 154 = * | Source of Data ① 155 = * | Specific Capacity 272 = *

Method of Measurement 156 = A C E G H L M R S T V Z * (airline, calibrated, estimated, pressure gage, calibrated airline, geophysical, pressure gage, manometer, logs, reported, steel, electric tape, calibrated, electric tape, other) | Pumping Period 157 = *

LIFT DATA (1)

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

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

Date 38 = / / * (month day year) | Horsepower 46 = *

MAJOR PUMP DATA (2)

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

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 * (add, delete, modify) | Type of Lift 43 # * | Type of Power 56 = * | Horsepower 57 = * | Lift Entry No 254 # *

AVAILABLE LOG DATA (1)

R = 198 * | T = A D M * (add, delete, modify)

New Card for Each Log Type Same R & T

Type of Log ②	Begin Depth	End Depth	Source of Data ①
199 # E *	200 = 2. *	201 = 390. *	202 = S *
199 # D *	200 = 0. *	201 = 390. *	202 = A *
199 # *	200 = *	201 = *	202 = *
199 # *	200 = *	201 = *	202 = *

WATER QUALITY DATA COLLECTION (1)

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

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

WATER LEVEL DATA COLLECTION (1)

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

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

WATER PUMPAGE/WITHDRAWAL DATA COLLECTION (1)

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

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 * (add, delete, modify) | Type of Data 181 # * | Loc 182 = C D Z * (cooperator, district, other) | Format 261 = F M P Z * (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 agency, driller, owner, other gov't, other reported, logs, geologist, other)

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 conduct, fluid, geologist, magnetic, induction, gamma ray, dipmeter, laterlog, microlog, neutron, μ later, photo, radioactive)

S T U V Z
(sonic, temp, gamma-gamma, fluid velocity, other)

③ Frequency of Collection Codes

A B C D F I M Ø Q S W Z
(annual, bi-monthly, continuous, daily, semi-monthly, intermittent, monthly, one time only, quarter annual, semi-annual, weekly, other)

④ Type of Quality Analyses Codes

A B C D E F G H J K L M Z
(physical, common chemical, trace elements, pesticides, nutrients, sanitary, codes B&D, codes B&E, codes B&F, codes D&E, codes C,D&E, all or most, other)

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * | T = (A) D M * (add, delete, modify) | Entry No 256 # 1 * | Depth to Top 91 = 0. * | Depth to Bottom 92 = 53. *

Unit Identifier 93 = 21ILTBGB * | Lithology 96 = * | Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * | T = A D M * (add, delete, modify) | Geohydrologic Unit Entry No 256 # * | Date 95 # / / (month / day / year) * | Water Level 126 = * | % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * | T = (A) D M * (add, delete, modify) | Entry No 256 # 2 * | Depth to Top 91 = 53. * | Depth to Bottom 92 = 158. *

Unit Identifier 93 = 21ILEUTW * | Lithology 96 = * | Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * | T = A D M * (add, delete, modify) | Geohydrologic Unit Entry No 256 # * | Date 95 # / / (month / day / year) * | Water Level 126 = * | % Water Contributed 132 = *

PERTINENT REMARKS

R = 183 * | T = A * (add) | 185 = *

New Card Same R&T | 185 = *

185 = *

NOTES:

U. S. GOVERNMENT PRINTING OFFICE : 1975 O - 579-019

PRODUCTION DATA (1)

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

Discharge: 150 = *
Source of Data ① 151 = *

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

Production Level 153 = *
Static Level 154 = *
Source of Data ① 155 = *
Specific Capacity 272 = *

Method of Measurement 156 = A C E G H L M R S T V Z *
(airline, calibrated, estimated, pressure gage, calibrated pressure gage, geophysical logs, manometer, reported, steel tape, electric tape, calibrated electric tape, other)

Pumping Period 157 = *

LIFT DATA (1)

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

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

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

MAJOR PUMP DATA (2)

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

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 * (add, delete, modify)
Type of Lift 43 # *
Type of Power 56 = *
Horsepower 57 = *
Lift Entry No 254 # *

AVAILABLE LOG DATA (1)

R = 198 *
T = A D M * (add, delete, modify)

New Card for Each Log Type Same R & T

Type of Log ②	Begin Depth	End Depth	Source of Data ①
199 # *	200 = *	201 = *	202 = *
199 # *	200 = *	201 = *	202 = *
199 # *	200 = *	201 = *	202 = *
199 # *	200 = *	201 = *	202 = *

WATER QUALITY DATA COLLECTION (1)

R = 114 *
T = A D M * (add, delete, modify)
Begin Year 115 # *
End Year 116 = *
Source Agency 117 = *
Frequency of Collection ③ 118 = *
Network Site 257 = *
Type of Analyses ④ 120 = *

WATER LEVEL DATA COLLECTION (1)

R = 121 *
T = A D M * (add, delete, modify)
Begin Year 122 # *
End Year 123 = *
Source Agency 124 = *
Frequency of Collection ③ 125 = *
Network Site 258 = *

WATER PUMPAGE/WITHDRAWAL DATA COLLECTION (1)

R = 127 *
T = A D M * (add, delete, modify)
Begin Year 128 # *
End Year 129 = *
Source Agency 130 = *
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 * (add, delete, modify)
Type of Data 181 # *
Loc 182 = C D Z * (cooperator, district, other)
Format 261 = F M P Z * (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 agency, driller, owner, other gov't, other reported, logs, geologist, other)

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 conduct, fluid, geologist, magnetic, induction, gamma ray, dipmeter, laterlog, microlog, neutron, μ later, photo, radio-active)

S T U V Z
(sonic, temp, gamma-gamma, fluid velocity, other)

③ Frequency of Collection Codes

A B C D F I M Ø Q S W Z
(annual, bi-monthly, continuous, daily, semi monthly, intermittent, monthly, one time only, quarter annual, semi- annual, weekly, other)

④ Type of Quality Analyses Codes

A B C D E F G H J K L M Z
(physical, common chemical, trace elements, pesticides, nutrients, sanitary, codes B&D, codes B&E, codes B&F, codes D&E, codes C,D&E, all or most, other)

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * | T = A D M * (add, delete, modify) | 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 * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = * | % Water Contributed 132 = *

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * | T = A D M * (add, delete, modify) | 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 * (add, delete, modify) | Geohydrologic Unit Entry No 256 # *

Date 95 # / / * (month day year) | Water Level 126 = * | % Water Contributed 132 = *

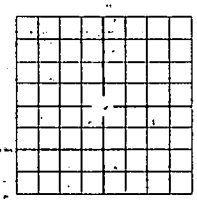
PERTINENT REMARKS

R = 183 * | T = A * (add) | 185 = *

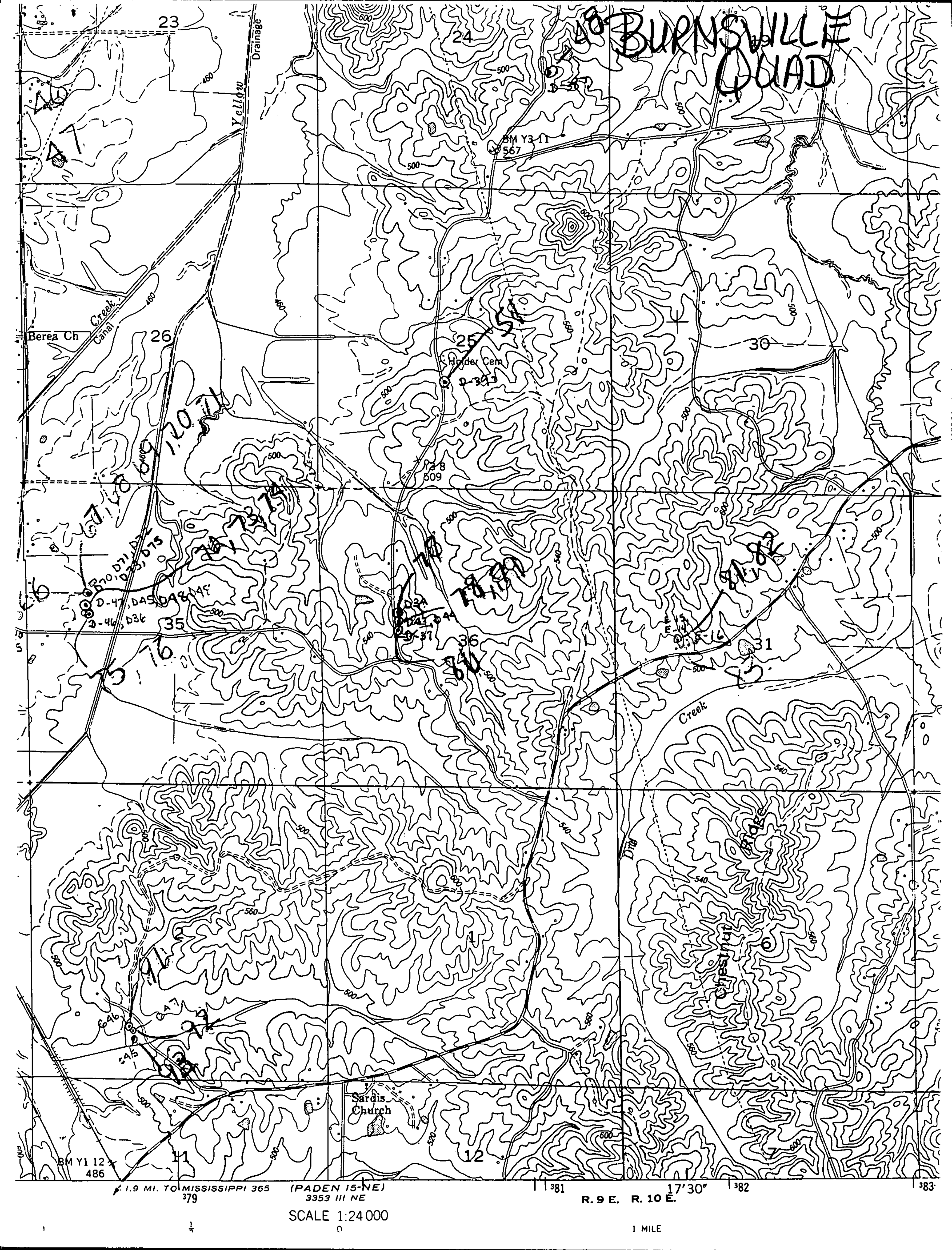
New Card Same R&T | 185 = *

185 = *

NOTES:



U. S. GOVERNMENT PRINTING OFFICE : 1975 O - 579-019



BURNSVILLE QUAD
23
24
Yellow
Drainage
Berea Ch
Creek
Canal
26
25
Holder Cem
D-393
30
BM Y3 11
567
509
35
36
31
D-47, D45, D48, D49
D-46, D36
D70, D71, D72, D73, D75
D37
E-15
E-14
E-16
Creek
Dry
Chestnut
Ridge
1
6
Sardis Church
BM Y1 12
486
11
12
7
1.9 MI. TO MISSISSIPPI 365
(PADEN 15-NE)
3353 III NE
379
381
17'30"
382
383
R. 9 E.
R. 10 E.
SCALE 1:24 000
1 MILE