



# WATER-RIGHT DOCKET

## Organ Pipe Cactus National Monument

Docket No: 29

DRIPPING SPRINGS

Supporting Hydro Data

07-11-1974: spring schedule: spring no. (c-16-6)21 bac

PERMANENT REFERENCE  
Do Not Discard

### NATIONAL PARK SERVICE

WRD Exp. (GW)  
August 1966

Spring No. (C-16-6)21 bac

### SPRING SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

CARD D

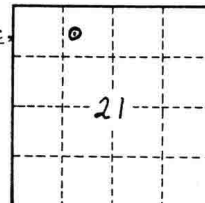
Record by: W. Werrell  
(Lao Hiendl, USGS, 6-12-58) Source of data: Field Date: July 11, 1974  
State: Ariz County: Pima Map name: Preliminary Map  
Latitude: 32° 01' 26" N Longitude: 111° 25' 32" W Sequential number: 1  
Lat-long accuracy: 1 T 16 S 6 Sec 21 SW NE NW GE SR PM  
Local spring number: C-16-06 Other number: "Dripping Springs"  
Local use: DRIPPING SPRING Owner or name: National Park Service Address:   
Ownership: County, Fed Gov't City, Corp or Co, Private, State Agency, Water Dist. F  
Use of water: Air cond, Bottl, Comm, Dom, Irr, Med, Ind, P S, Rec, Stock, Instit, Unused Wildlife  
Altitude: 2040 Accuracy: 20 Disch. less than 1  
Unit of meas: gpm How determined: est Date of meas: 6-12-58  
Magnitude: 2 cfs 2 gpm 2 bucket, meter, weir, est 0 1/8 gpm 8  
Impelling force: Artesian gravity, thermal Perennial Card design: D

CARD E

SAME AS CARD D Variability: Constant - Estimated Phys. Province: Basin & Range  
Phys. section: Sonoran D. Drainage basin: Gila River - Texas Sub-basin: San Cristobal  
Topo: str. chan, loc dep., flat sur, hilltop, hillside terr, undul, val flat, offshore S  
Aquifer: system series 20 aquifer, formation, group 31  
Lithology: 33 34 Origin: Major Minor  
Rock structure: Bedding: 36 str. dip 39 Joints: 40 str. dip 43 44 str. dip 47  
Fault: 48 str. dip 51 Type of spring: Artesian Number of open: 53  
Size of openings: 55 width 57 height 58 Sphere of discharge: 59 Improvements: None  
Gases: No 61 Minerals: 62 Biological: Flora: 64  
Fauna: 65 Quality of water data: Type: Complete 66  
Iron: 6.7 ppm 67 Sulfate: 14 ppm 68 Chloride: 22 ppm 69 Hardness: 23 ppm 70  
Sp. Cond: K x 10<sup>6</sup> Temp: 69.5 °F 72 Date sampled: Oct 2, 1974 73  
Freq: GW Freq: Disch. 79 Card design: E

Remarks: schedule  
This spring serves for 2 openings. Area appears as described in: The Papago Country, Arizona, a geographic, geologic, and hydrologic reconnaissance with a guide to desert watering places by Kirk Bryan (1925), except that no pipeline now exists from the main spring.

W. Werrell  
7/11/74



GPO 331-555

Revised by D. Clay

WATER RESOURCES DIVISION  
GROUND WATER SITE INVENTORY  
SPRING SCHEDULE

(C-16-6) 21 bac Jan 6, 1976

Check One ☒ English ☐ Metric Units

## GENERAL SPRING DATA (1)

Site Ident No 320126112532901 RG Number R=0 Transaction T=0 D M V  
 Site Type 2= S Data Reliability 3= C U L M U Reporting Agency 4= USGS  
 Project No. 5= G.T.O. District 6= 04 State 7= 04 County (or town) Pima 8= 019  
 Latitude 9= 32 01 26 Longitude 10= 11 25 32 9 Loc. Ling Accuracy 11= S O T M  
 Local Number 12= C-16-06 21 BAC UNSURV 13= SWNENW 1/4 T 1 S R 06W 6  
 Location Map 14= KING PEAK Scale 15= 62500  
 Altitude 16= 2390 Method of Measurement 17= A L M Accuracy 18= 40  
 Topo Setting 19= D C E F H K L Ø P S T U V W Hydrologic Unit (OWDC) 20=  
 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=  
 Source of Hydrologic Data 1 36=

## OWNER IDENTIFICATION (1)

R=158 T=0 D M Date of Ownership 159= 00/00/1963  
 Name, Last 181= ORIPRING First 182= SPRING Middle Initial 183=

## OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 T= A D M Ident 190= Assigner 191=  
 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= Geohydrologic Unit 195=  
 Temperature 196= 0, C, 0, 1, 0 Degrees C 197=  
 Conductance 196= 0, 0, 0, 9, 5  $\mu$ Mhos 197=  
 Other (STORET) Parameter 196= Value 197=  
 Other (STORET) Parameter 196= Value 197=

## DISCHARGE DATA (1)

R=134 T= A D M Entry No 135= Date 136=

Discharge 138= Source of Data 139=

Method of Measurement 140= C E F M Ø R U V W Z  
 current, estimated, flume, totaling, orifice, reported, venturi, volumetric, weir, other

## FOOTNOTES

(1) Source of Data Codes

S D Ø A R L G Z  
 sounding, driller, water, other geol's, other logs, geologist, other reported

(C-16-6) 21 bac

Type of Spring: **173** **A U C D E F G H J K L P Q R S T Z**  
 (add, delete, modify)

Perforations: **174** **L G I P R S Z** Sphers of Discharge: **176** **A W**  
 (add, delete, modify)

Improvements: **175** **B C G H L N P R T Z** Number of Openings: **177** **\***  
 (add, delete, modify)

Flow Variability: **178** **\*** Basis for Variability: **179** **A B C D E Z**  
 (add, delete, modify)

**GEOHYDROLOGIC UNIT DESCRIPTIONS (1)**  
**R-90** **T- A D M**  
 (add, delete, modify)

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

**WATER QUALITY DATA COLLECTION NETWORK PARTICIPATION (1)**  
**R-114** **T- A D M** Begin Year: **115** End Year: **116** Source Agency: **117**  
 (add, delete, modify)

Frequency of Collection: **118** Type of Analyses: **120** **A B C D E F G H J K L M Z**  
 (add, delete, modify)

Network Site: **257**

**WATER PUMPAGE/WITHDRAWAL DATA COLLECTION NETWORK PARTICIPATION (1)**  
**R-127** **T- A D M** Begin Year: **128** End Year: **129** Source Agency: **130**  
 (add, delete, modify)

Frequency of Collection: **131** Method of Collection: **133** **C E M U Z** Network Site: **259**  
 (add, delete, modify)

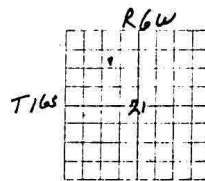
**OTHER DATA AVAILABLE (1)**  
**R-180** **T- A D M** Type of Data: **181** Loc: **182** **C D Z** For: **261** **F M P Z**  
 (add, delete, modify)

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

**PATIENT REMARKS (1)**  
**R-183** **T-A** **185** **\***  
 (add, delete, modify)

New Card Same R & T: **185** **\***  
**185** **\***

**FOOT NOTES**  
 1. Frequency of Collection Codes  
**A B C D F I M O Q S W Z**  
 annual, bi-monthly, continuous, daily, semi-annual, intermittent, monthly, one time, quarter, semi-monthly, weekly, other monthly only annual annual



U. S. GOVERNMENT PRINTING OFFICE : 1955 O - 571-020

(c-16-6) 21 bac

ORPI 7-68

## WATER SOURCE REPORT

Name of Water Source: Dripping Springs  
 Kino  
 Quadrangle Peak T. 16S R. 6W Elevation 2,080 ft. Map Scale: 1:62500  
 Photos yes Sketch no Recorded on Map yes

Access Route: 13 mi. west of Visitor Center on Puerto Blanco Drive.

Terrain: Located at north end (foothills) of high-angle, volcanic Puerto Blanco Mts.

Ground Cover: Good cover of large plant life.

Flow: Past (date) 30 gal/day (est) Present                     

Depth 4' 10" Length 10' Width 7' 3" Storage            gals. (estimated)

Brief History: Bedrock mortars & smoked overhangs indicate Indian use. Was a major water stop during early travel from Sonoyta-Santo Domingo, etc. to Ajo. Common route passed by sm. tuff saddle S of spring (probably the source of the name Puerto Blanco). Route also used by prohibition bootleggers. Rancher Bill Miller dug well at present parking area in 1913.  
 Present Development and Human Use: A major point of interest on Puerto Blanco Drive. Parking lot and trail leading to springs and ridge (saddle) above are maintained.

Wildlife Use: Moderate to heavy use by desert bighorn, deer, and during summer months white-wing doves are abundant.

## Remarks &amp; Recommendations:

1. **Development and Maintenance** Trail to ridge is narrow and rocky; needs to be watched and cleaned of rocks periodically. Since this is a major visitor use area, the Springs need to be further researched for interpretive (largely historical) purposes. Consideration might be given to removing all or part of spur road and creating a foot-trail in its place.

2. **Protection and Use** A permanent (but removable) blind should be constructed and left in place during the hot months for NPS wildlife counts and as an off-season visitor use activity for wildlife photographers.

Observer-Compiler Bill Hoy Title Seas ranger Date 7/12/68

L. A. H. = Leo A. Hiendl

9-187  
August 1950UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION

## Spring Schedule

Date 6/12/58 19 58 Field No. (C-16-6)22cbbRecord by L. A. H. Office No. \_\_\_\_\_1. Location: State \_\_\_\_\_ County PimaQuadrangle Agua - 1250, 500NW 1/4 Sec. 22 T 16 N R. 6 E2. Owner U.S. Forest Serv. Address \_\_\_\_\_Name Dripping Springs3. Topography Sid. hill of mountain

4. Altitude \_\_\_\_\_ ft. above \_\_\_\_\_ below \_\_\_\_\_

5. Kind of rock Tuff. - volcanic ash6. Structure fractured - cross fault7. Openings: Number 3000 Character \_\_\_\_\_

Source \_\_\_\_\_

8. Improvements, accommodations Clean out9. Yield 51 gpm. 53 Min. 53 Meas., Rept. \_\_\_\_\_Fluctuation Water level about 1 foot below top of spring

Dependability \_\_\_\_\_

10. Use: Dom., Stock, Irr., Med., Bath, Bottling Wholesale - 2 towns

Quantity \_\_\_\_\_

11. Quality: Good, fair, bad Bo Sample Yes No 6/12/58Taste, odor, color Turbid, slightly acidTemp. (°F.) 67.5

Gases: Quantity \_\_\_\_\_ Character \_\_\_\_\_

Unfit for \_\_\_\_\_

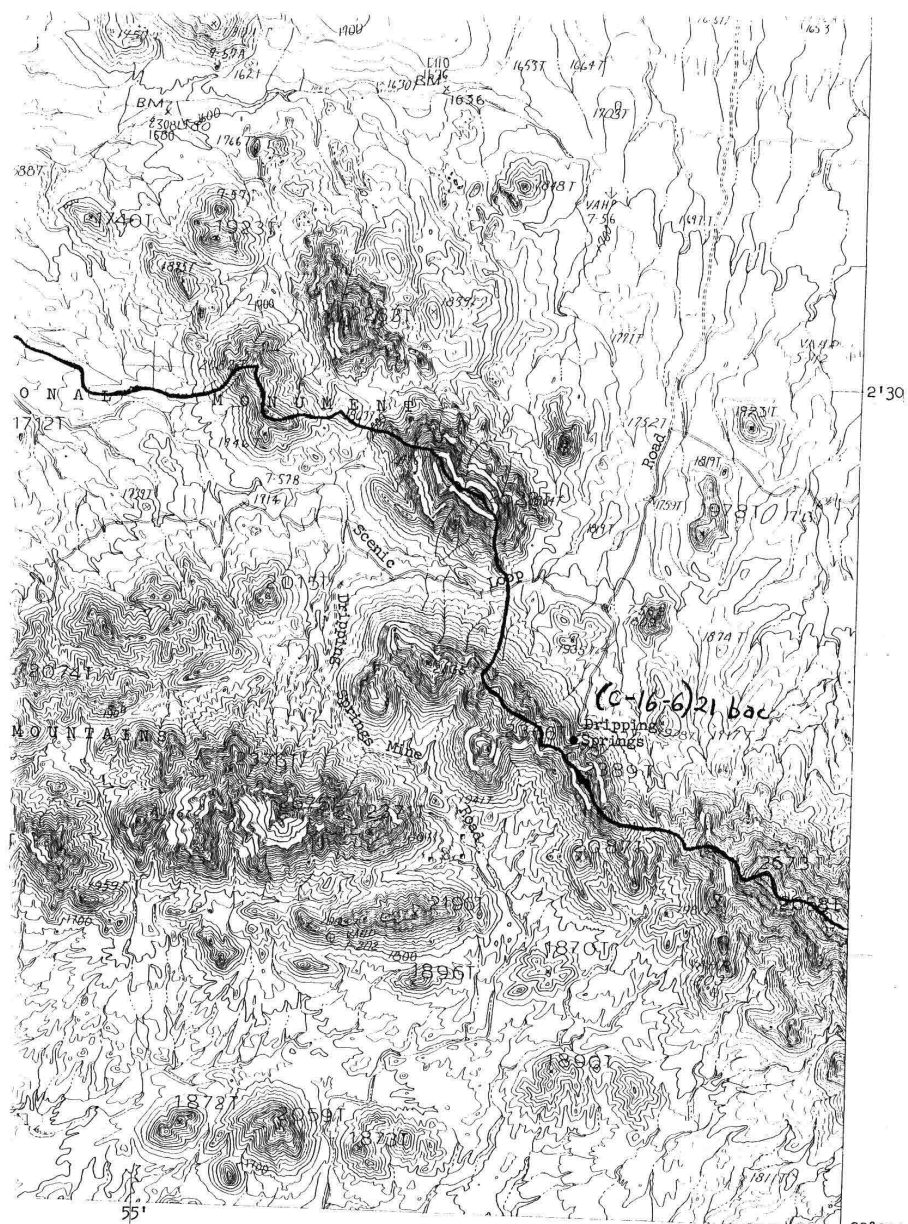
Sanitation \_\_\_\_\_

12. Deposits: Kinds \_\_\_\_\_ Quantity \_\_\_\_\_

Features \_\_\_\_\_

Sketch map, analysis \_\_\_\_\_ on back page

Maps and Miscellaneous Information



1 MILE  
FEET



GROUSER PASS SW., ARIZ.  
PIMA CO.

No Protec

#### Docket Information

Number of Documents in Docket 6  
Documents Dated from 6/12/1958 to 7/11/1974  
Docket Compiled: 6/3/2011