



WATER-RIGHT DOCKET

Organ Pipe Cactus National Monument

Docket No: 21

CHERIONI WELL NO. 1.

State Water Rights Documentation

06-03-1982: registration of existing wells; registration no. 55-629120, file no. c(15-6)15bca

	DEPARTMENT OF WATER RESOURCES 99 EAST VIRGINIA AVENUE PHOENIX, ARIZONA 85004 REGISTRATION OF EXISTING WELLS READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING PRINT OR TYPE - FILE IN DUPLICATE	<i>Declaration: The United States gives this certification to the State in the interest of equity, and does not concede that the State has the power to regulate the rights of the United States to the use of water.</i> 28
REGISTRATION FEE (CHECK ONE) EXEMPT WELL (NO CHARGE) ☒ NON-EXEMPT WELL - \$10.00 ☐	FOR OFFICE USE ONLY REGISTRATION NO. 55- <u>629120</u> FILE NO. <u>c(15-6)15bca</u> FILED <u>6-9-82</u> AT <u>1:30</u> (DATE) (TIME) INA _____ AMA _____	
1. Name of Registrant: <u>National Park Service, Western Region, Division of Water Resources</u> <u>450 Golden Gate Ave., Box 36063, San Francisco CA 94102</u> (Address) (City) (State) (Zip)		
2. File and/or Control Number under previous groundwater law: <u>35-</u> (File Number) (Control Number)		
3. a. The well is located within the <u>NE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$, Section <u>15</u>, of Township <u>15 S</u> <u>N/S</u>, Range <u>6 W</u> <u>E/W</u>, G & SRB & M, in the County of <u>Pima</u>. b. If in a subdivision: Name of subdivision _____ Lot No. _____, Address _____		
4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial) <u>Unused, Ranch Operations (historical)</u>		
5. If for irrigation use, number of acres irrigated from well _____		
6. Owner of land on which well is located. If same as Item 1, check this box ☒ _____ (Address) (City) (State) (Zip)		
7. Well data (If data not available, write N/A) a. Depth of Well <u>72</u> feet b. Diameter of casing <u>none</u> inches c. Depth of casing <u>none</u> feet d. Type of casing <u>none</u> e. Maximum pump capacity <u>N/A</u> gallons per minute. f. Depth to water <u>dry</u> feet below land surface. g. Date well completed <u>1916</u> (Month) (Day) (Year)		
8. The place(s) of use of water. If same as Item 3, check this box ☐ <u>NE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$, Section _____ Township _____ Range _____ <u>NE</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>NW</u> $\frac{1}{4}$, Section _____ Township _____ Range _____ <u>Organ Pipe Cactus National Monument - Cherioni Well #1</u> Attach additional sheet if necessary.		
9. DATE <u>JUN 3 1982</u> SIGNATURE OF REGISTRANT <u>(Sgd) Gerard S. Witucki</u> GERARD S. WITUCKI		

Supporting Hydro Data

PERMANENT REFERENCE
 Do Not Discard

NATIONAL PARK SERVICE

 FORM 9-1642B
 (DEC 68)

Well No. (C-15-6) 15 bca 1

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W. Werrell Source of data Field Date July 14, 73 Preliminary Map: Growler Pass SW, 7 1/2'
 State Ariz County 04 Pima 10
 Latitude: 32 07 27 N Longitude: 112 52 33 W Sequential number: 1
 Lat-long accuracy: 10 T. 15 R. 6 S. 15 NE SW NW GESR PM
 Local well number: C-15-06 15 B C A 1 Other number: Cherioni Well # 1
 Local use: CHERIONI WELL 1 Owner or name: National Park Service
 Ownership: County, (F) Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist F
 Use of: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Inetit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other U
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, (U) Unused, Withdraw, Waste, Destroyed U
 DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72
 Hyd. lab. data: 73
 Qual. water data; type: 74
 Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77
 Aperture cards: 78
 Log data: 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 72 ft Meas. 72 accuracy 6
 Depth cased: (first perf.) 0 ft Casing type: 0 ; Diam. 4.8 in 4.8
 Finish: (C) porous gravel w. (G) gravel w. (H) horiz. open (P) perf., screen, sd. pt., (W) (X) open hole, (S) concrete, (perf.), (screen), gallery, end, (M) other W
 Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (X) (Z) D
 Drilled: air bored, cable, dug, hvd jetted, air reverse trenching, driven, drive wash, other D
 Date Drilled: 1916 9 7 6 Pump intake setting: 36 ft 38
 Driller: Reub Daniels address 39
 Lift: (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) 39 Deep 40 Shallow 40
 (type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other 39
 Power: nat LP 41 Trans. or meter no. 41
 (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41
 Descrp. MP 42 ft above LSD, Alt. MP 42
 Alt. LSD: 1495 1495 Accuracy: USGS Topo-10' Contour 3
 Water Level: Dry ft above MP; Ft below LSD D R Y Accuracy: Reported 3
 Date meas: Oct. 1, 1917 0 1 7 Yield: 35 gpm 40 Method determined 41
 Drawdown: 42 ft 43 Accuracy: 43 Pumping period 44 hrs 45
 QUALITY OF WATER DATA: Iron ppm 46 Sulfate ppm 47 Chloride ppm 48 Hard. ppm 49
 Sp. Conduct 50 K x 10⁶ 51 Temp. 52 °F 53 Date sampled 54
 Taste, color, etc. 55

Well No. (C-15-6) 15 bca 1

Well is listed on "Inventory of all wells in ORPT" by park in Dec 15, 1981.
Well is stated as "dry except for a rainy season".

Well No. (C-15-6) 15 bca1

Latitude-longitude 32.07.27^N 112.52.33^W

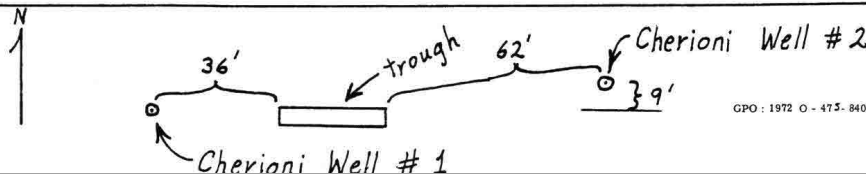
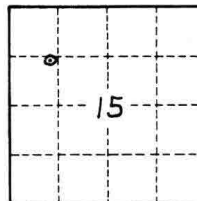
HYDROGEOLOGIC CARD

Physiographic Province: Basin & Range Section: Sonoran
 Drainage Basin: Gila River - Texas Hill to Dome Subbasin: San Cristobal
 Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace undulating, valley flat
 MAJOR AQUIFER: system series aquifer, formation, group
 Lithology: Origin: Thickness: ft
 Length of well open to: ft Depth to top of: ft
 MINOR AQUIFER: system series aquifer, formation, group
 Lithology: Origin: 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/ft²; Spec cap: gpm/ft; Number of geologic cards:

See: Bryan, Kirk, 1922, Routes to desert watering places in the Papago Country, Ariz., U.S. Geol. Survey Water Supply Paper 490-D. On page 416 Bryan states "Cherioni Well on right, about 50 yards on south side of arroyo. This well is usually dry."

See: Bryan, Kirk, 1925, The Papago Country, Ariz., U.S. Geol. Survey Water Supply Paper 499. On pages 181 and 182 Bryan reports that well is usually dry but may produce 1 or 2 gallons. Well is located 36 feet west of concrete trough, trough is 6 ft by 30 feet. Well was sounded, depth = 58 ft below land surface datum. Well was dry.

Township and Range location determined by projection.



GPO : 1972 O - 475-840

Well No. (C-15-6) 15 bca1

ORPI 7-68

WATER SOURCE REPORT

Name of Water Source: (Daniel's Well) (Cherioni Well)

Kino

Quadrangle Peak T. 15S R. 6W Elevation 1500 ft. Map Scale 1:62500Photos Sketch Recorded on Map Yes

Access Route: See Cherioni Well; Daniel's Well (dug) located only several yards from from later Cherioni (drilled) Well.

Terrain: Flat, cut by occasional arroyos running into Cherioni Wash.

Ground Cover: Creosote, bursage, mesquite & holacantha along arroyos.

Flow: Past (date) Present

67' to water-1912

Depth 75' Length Width Storage gals. (estimated)

Brief History: Well evidently dug by Rube Daniels, possibly for his cattle while living at Bates Well. Little is known of the digging. The site is known as Cherioni Well today after the subsequent well drilled in the 30's by Elmer Montgomery. (see Cherioni)

Present Development and Human Use: A muck bucket lies above the well and wagon wheels are located nearby. The wheels belong to the Cameron family, but could probably be taken to this area with the buck for historical use.

Wildlife Use: Occasional antelope jackrabbits seen in this area.

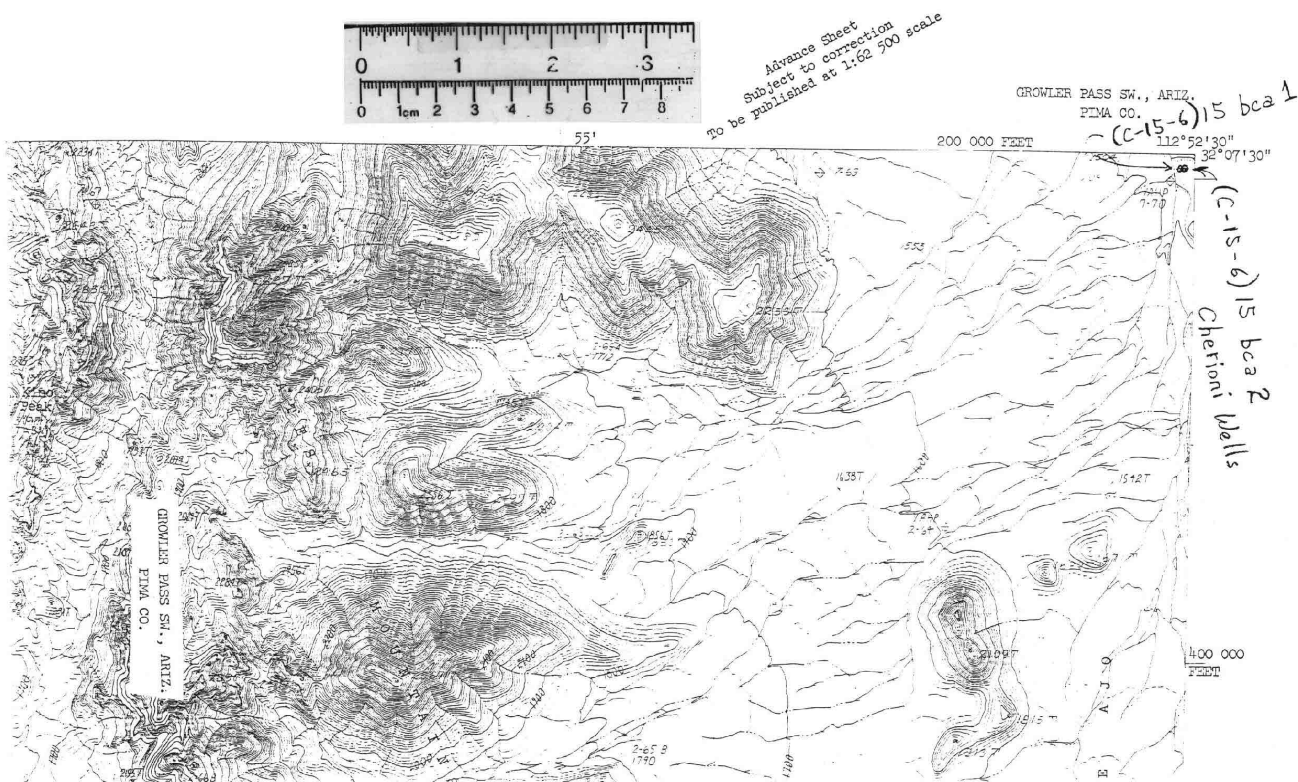
Remarks & Recommendations:

1. Development and Maintenance See Present Development.

2. Protection and Use See Cherioni Well.

Observer-Compiler Title Date

Maps and Miscellaneous Information



Docket Information

Number of Documents in Docket 5

Documents Dated from 7/14/1973 to 6/3/1982

Docket Compiled: 6/3/2011