



WATER-RIGHT DOCKET

Organ Pipe Cactus National Monument

Docket No: 20

CHERIONI WELL NO. 2.

State Water Rights Documentation

06-03-1982: registration of existing wells; registration no. 55-629119, file no. c(15-5)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

*Declaration: The United States gives this
affirmation to the State in the interest
of comity, and does not concede that the
State has power to regulate the rights of
the United States to the use of water.*

RECEIVED
JUN 9 1982
DEPT. OF
WATER RESOURCES

REGISTRATION FEE (CHECK ONE)
EXEMPT WELL (NO CHARGE) ☒
NON-EXEMPT WELL - \$10.00 ☐

FOR OFFICE USE ONLY
REGISTRATION NO. 55-629119
FILE NO. C(15-6)15bca
FILED 6-9-82 AT 1:30
(DATE) (TIME)
INA _____
AMA _____

1. Name of Registrant:
National Park Service, Western Region, Division of Water Resources
450 Golden Gate Ave., Box 36063, San Francisco, CA 94102
(Address) (City) (State) (Zip)

2. File and/or Control Number under previous groundwater law:
(File Number) _____ (Control Number) 35-

3. a. The well is located within the NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 15,
of Township 15 S N/S, Range 6 W E/W, G & SRB & M, in the
County of Pima.
b. If in a subdivision: Name of subdivision _____
Lot No. _____, Address _____

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)
Unused, Ranch Operations (historical)

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 150 feet
b. Diameter of casing N/A inches
c. Depth of casing N/A feet
d. Type of casing N/A
e. Maximum pump capacity N/A gallons per minute.
f. Depth to water (dry) feet below land surface.
g. Date well completed 1930
(Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box ☐
NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section _____ Township _____ Range _____
NE $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section _____ Township _____ Range _____
Organ Pipe Cactus National Monument - Cherioni Well #2
Attach additional sheet if necessary.

9. DATE JUN 3 1982 SIGNATURE OF REGISTRANT (Sgd) Gerard S. Witucki
GERARD S. WITUCKI
CHIEF DIVISION OF WATER RESOURCES

Supporting Hydro Data

PERMANENT REFERENCE
 Do Not Discard

NATIONAL PARK SERVICE

Well No. (C-15-6)15 bca 2

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 Sequential number: 10

Latitude: 32 07 27 N Longitude: 111 25 23 W

Lat-long accuracy: 1 T. 15 R. 6 Sec. 15 NE SW NW SE PM

Local well number: C-15-06-15BCA2 Other number: Cherioni Well #2

Local use: CHERIONI WELL 2 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: Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, Water: (S) (T) (U) (V) (W) (X) (Y) (Z)

Use of well: (A) Anode, (D) Drain, (G) Seismic, (H) Heat Res, (I) Obs, (J) Oil-gas, (K) Recharge, (L) Test, (M) Unused, (N) Withdraw, (O) Waste, (P) 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: 150 ft Meas. 1150 Meas. 6

Depth cased: (first perf.) 35 ft Casing type: 36 Diam. 37 in

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. open (I) screen, (J) sd. pt., (K) shored, (L) open (M) other

Method: (A) air, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air reverse, (G) trenching, (H) driven, (I) drive (J) other

Date Drilled: 1930 9:30 Pump intake setting: 38 ft

Driller: John Cameron Ajo, Arizona

Lift: (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other

Power: (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41

Trans. or meter no. 42

Descrip. MP 43 ft above below LSD, Alt. MP 44

Alt. LSD: 1495 1495 Accuracy: USGS Topo - 10' Contour 3

Water Level: Dry ft above below MP; Ft below LSD 45 Accuracy: Steel tape 46

Date meas: July 14, 73 7:7:3 Yield: 47 gpm 48 Method determined 49

Drawdown: 50 ft Accuracy: 51 Pumping period: 52 hrs 53

QUALITY OF WATER DATA: Iron ppm 54 Sulfate ppm 55 Chloride ppm 56 Hard. ppm 57

Sp. Conduct 58 K x 10⁶ 59 Temp. 60 °F 61 Date sampled 62

Taste, color, etc. 63

Well No.

(C-15-6)15 bca 2

Well No. (C-15-6) 15 bca 2Latitude-longitude 32.07.27^N 112.52.32^W
d m s d m s

HYDROGEOLOGIC CARD

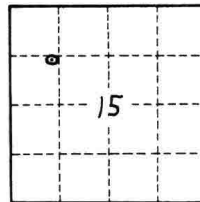
SAME AS ON MASTER CARD
 Physiographic Province: Basin & Range Section: Sonoran
 Drainage Basin: Gila River-Texas Hill to Dome Subbasin: San Cristobal
 Desert B

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

MAJOR
 AQUIFER: system series aquifer, formation, group
 Lithology: Length of well open to: ft Depth to top of: ft
 MINOR
 AQUIFER: system series aquifer, formation, group
 Lithology: 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:
 Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:

While still a boy, Mr. Bob Montgomery of Sonoita, Mexico lived with his parents in the old house to the east during the winter of 1930 and 1931. He reports that his family occupied the area during the winter periods only because the dug well (Cherloni Well 1) was known to go dry during spring and summer. His father contracted to have this well drilled in hopes of obtaining a reliable and possibly larger water source. The well proved no better than the dug well. See memorandum from H.V. Peterson, USGS Geologist, to Paul Balch, Regional Soil Conservationist, NPS, dated July 29, 1942. Mr. Peterson reports that the well penetrated 150 feet of alluvium and bottomed in bedrock. Well is located 62 feet east of old concrete watering trough. Top of casing is 0.5 feet below land surface datum. Well was sounded, depth = 50.5 feet below land surface datum. Township and Range location determined by projection.

Well No. (C-15-6) 15 bca 2

ORPI 7-68

WATER SOURCE REPORT

(Western - cop from tree)

ORPI 7-68
RT [sapindus Drummondii]

Name of Water Source: Cherioni Well

Quadrangle Kino Peak T. 15S R. 6W Elevation 1500 ft. Map Scale 1:62500

Photos Yes Sketch No Recorded on Map Yes

Access Route: From sharp curve .7 mi east of Dripping Spgs. drive north on old rd. to Cherioni Wash if possible. Then walk or drive northwest $2\frac{1}{2}$ mi. to jacal on arroyo edge. Wells short distance southwest of jacal near C. Wash.

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

Ground Cover: Creosote-bursage; mesquite & holacantha along arroyos.
A lg. cherioni tree formerly grew nearby; may have died.

Flow: ^(Sample #) Past (date) _____ Present _____
72' to water.

Depth 72' Length Width Storage gals. (estimated)
/ drilled

Brief History: Old well drilled by Rube Daniels; had few shacks. Dug well by Cameron & Elmer Montgomery in early 30's. Intended to tie Bates & Wall's Well with Cherioni for cattle. Only occupied for few years. Bob Montgomery lived with uncle there. Had mesquite-cotillo house & well. Roads from Dowling to Bates, Cherioni & Ajo. Cherioni means "whip." or *Serpentes*.
Present Development and Human Use: No use. Consists of ruined jacal w/ fire place, 2 nearby wells, cement trough, muck bucket & wagon wheels.

Wildlife Use: None.

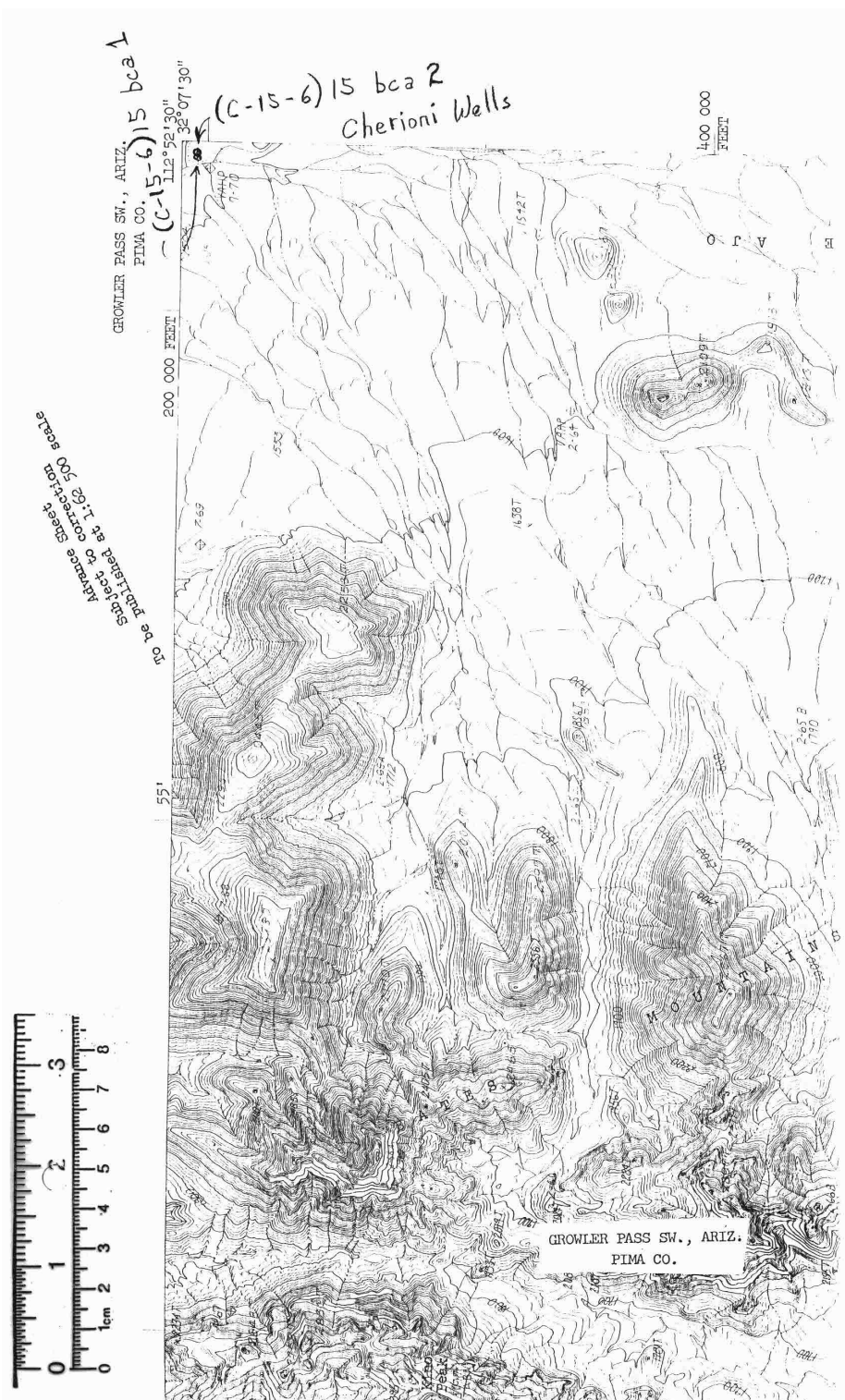
Remarks & Recommendations:

1. Development and Maintenance None

2. **Protection and Use** . Recommended as secondary historic site (see Historic sites and structures survey report.) Muck bucket & wagon wheels should be brought in for preservation. Probably not a good visitor use area.

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