



WATER-RIGHT DOCKET

Organ Pipe Cactus National Monument

Docket No: 24

CIPRIANO WELL

State Water Rights Documentation

06-03-1982: registration of existing wells: file no. c(16-7) 30 cad

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 certification to the State in the interest of equity, 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- 629150

FILE NO. C(16-7)30 cad

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 SE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 30,
of Township 16 S N/S, Range 7 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 57 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 55½ feet below land surface.

g. Date well completed 1900
(Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box ☐
¼ ¼ ¼, Section Township Range
¼ ¼ ¼, Section Township Range
Organ Pipe Cactus National Monument - Cipriano Well
Attach additional sheet if necessary.
JUN 3 1982

9. DATE _____ SIGNATURE OF REGISTRANT (Sgd) Gerard S. Witucki
GERARD S. WITUCKI

Supporting Hydro Data

FORM NO 9-1904-A

SITE NO (C-16-7) 30 cad u

Recorded by D. CLAYU.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
GROUND WATER SITE INVENTORY
SITE SCHEDULEDate Nov 23, 1976

NATIONAL G W FILE

GENERAL SITE DATA (1)

Site Ident No 320006113013501 RG Number R=0 Transaction T= (A) D M V

Site Type 2= C D H I M P T (M) Reliability 3= (C) U L M Reporting Agency 4= U.S.G.S

Project No. 5= GTO District 6= 04 State 7= 04 County (or town) PIMA 8= 019

Latitude 9= 320006 Longitude 10= 1130135 Let Long Accuracy 11= S (E) T M

Local Number 12= C-16-07 30 CAD HNSW Land Loc 13= SE 1/4 SW 30, T16S, R07W, G1

Location Map 14= AGUA DULCE MTS. Scale 15= 62500

Altitude 16= 11259 Method of Measurement 17= A L (M) Accuracy 18= 40

Topo Setting 19= D C E F H K L O P S T U (V) W Hydrologic Unit (OWDC) 20=

Date of First Construction/Completion 21= 00/00/1950 Use of Site 23= A D E G H O 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= Depth of Well 28= Source of 29=

Water Level 30= Date Measured 31= Source 33=

Method of Measurement 34= A C E G H L M R S T V Z

Site Status 37= D F G H O P R S T V X Z

Source of Geohydrologic Data 36= Pump Used 35= Measuring Point 266= Measuring Point Date 267=

OWNER IDENTIFICATION (1)

R=158 T= (A) D M Date of Ownership 159= 00/00/1964

Name: Last 161= CIPRIANO First 162= WELL Middle Initial 163=

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 T= A D M Ident 190= Assigner 191=

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= Geohydrologic Unit 195=

New Card Same R thru 199 Temperature 196= 00010 Degree C 197=

Conductance 196= 00095 μ Mho/cm 197=

Other (STORET) Parameter 196= Value 197=

Other (STORET) Parameter 196= Value 197=

FOOT NOTES:

① Source of Data Codes:

S D O A R L G Z

reporting driller, owner, other gov't, other logs, geologist, other reported, agency

(C-16-7) 30 cad u

WELL CONSTRUCTION DATA (1)

R = 58 * T = A D M * Entry No. 59 # * Date of Construction Completion 60 * month day year Source of ① 61 * *

Name of Contractor/Driller 63 = CORTEGA Cipriano Ortega

Method of Construction 65 = A B C H J P R T V W Z *
air, bored, cable, dug, hydraulic, jetted, air jet, freeze, trenching, driven, driven, other
rotary or auger, tool, hole, rotary, rotary, rotary, rotary, rotary

Finish 66 = C F G H P S T W X Z * Type of Seal 67 = B C G Z *
porous, gravel, gravel, horizontal, open, perforated, screen, sand point, walled, open, other
concrete, surf, screen, or slotted, end, or slotted, hole

Bottom of Seal 68 = * Method of Development 69 = A B C J N P S Z * Number of Hours in Development 70 = *
air-lift, bailed, compressed, jetted, none, other, surged, other
pump, pump, pump, pump, pump, 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 = A D M * 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 * 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 ⑧	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 * Construction Entry No. 59 # *

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 ⑥	Type of Material ⑦	Diameter of Open Section	Width of Opening	Length of Opening
83 #	84 #	85 #	86 #	87 #	88 #	89 #
83 #	84 #	85 #	86 #	87 #	88 #	89 #
83 #	84 #	85 #	86 #	87 #	88 #	89 #
83 #	84 #	85 #	86 #	87 #	88 #	89 #
83 #	84 #	85 #	86 #	87 #	88 #	89 #

FOOT NOTES:

① Sources of Data Codes:

S D B A R L G Z

reporting, driller, owner, other gov't, other logs, geologist, other agency, reported,

⑧ Casing Material Codes

B C G I M P R S T U W Z

brick, concrete, galv, wrought, other, PVC or, rock or, steel, tile, metal, wood, other, iron, iron, metal, plastic, stone, steel

⑥ Type of Openings Codes

F L M P R S T W X Z

fracture, inward, mesh, perforated, wire, screen, sand, walled, open, other, slotted, or slotted, round (unknown), point, hole

⑦ Type of Material Codes for Open Sections

B C G I M P R S T Z

brass or, concrete, galv, wrought, other, PVC or, stainless, steel, tile, other, bronze, iron, iron, metal, plastic, steel

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 = *

month day year

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)

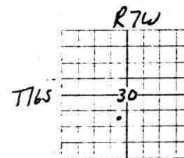
R-94 * T- A D M * Geohydrologic Unit Entry No 256 # * Date 95 # / / Water Level 126 = * % Water Contributed 132 = *

month day year

PERTINENT REMARKS

R-183 * T- A * 185 = *
add 185 = *
New Card Same R&T 185 = *

NOTES: Date of construction is estimated



(c-16-7) 30 cad

PERMANENT REFERENCE
Do Not Discard

FORM 9-1642B
(DEC. 68)

NATIONAL PARK SERVICE

Well No. (C-16-7) 30 cad

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W. Werrell Source of data Field Date Feb 11, 74 Map Granite Mtn 4 SE, 7 1/2
State Arizona County Pima Sequential number 10
Latitude: 32 00 06 N Longitude: 111 30 13 W
Lat-long accuracy: 10 min 16 sec 7 sec 30 sec SE NE SW G & S R PM
Local well number: C-16-07 30 CAD Other number: Cipriano Well
Local use: _____ Owner or name: National Park Service
Owner or name: CIPRIANO WELL Address: _____

Ownership: County, (F) Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____
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) _____
Stock, Instit, (U) Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____
Use of (A) (D) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) _____
Well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, (U) Unused, Withdraw, Waste, Destroyed _____

DATA AVAILABLE: Well data _____ Freq. W/L meas.: _____ Field aquifer char. _____
Hyd. lab. data: _____
Qual. water data: type: _____
Freq. sampling: _____ Pumpage inventory: yes _____ no _____ period: _____
Aperture cards: _____
Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 57 ft 57 Meas. Reported 0
Depth cased: _____ Casing type: _____ Diam. _____ in _____
Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open concrete, (perf.), (screen), gallery, end, _____
Method (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) _____
Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive rot., rot., percussion, rotary, wash, other _____
Date Drilled: 1900? 9 0 0 Pump intake setting: _____ ft _____
Driller: Cipriano Ortega name _____ address _____
Lift (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) _____ Deep _____ Shallow _____
Power (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ Trans. or meter no. _____
Descrip. MP _____ above _____ below LSD, Alt. MP _____
Alt. LSD: 1270 1270 Accuracy: USGS Topo-20' contours _____
Water Level 55.6 ft above MP; Ft below LSD 56 Accuracy: _____
Date meas: Sept 30, 17 9 1 7 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 10⁵ _____ Temp. 77.5 °F 78 Date sampled Sept 30, 17 9 1 7
Taste, color, etc. _____

Well No. (C-16-7) 30 cad

Well No. (C-16-7) 30 cadLatitude-longitude 32.00.06^N 113.01.34^W

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD

Physiographic Province: Basin & Range Section: Sonoran

Desert B Drainage Basin: Western Mexican Desert Subbasin: Rio Sonora

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

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/ft² Coefficient Storage:

Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards:

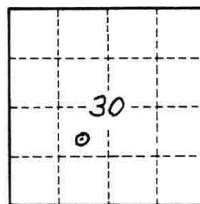
See: Bryan, Kirk, 1922, Routes to desert watering places in the Papago Country, Ariz., U.S. Geol. Survey Water-Supply Paper 490-D. On page 413 Bryan states "Cipriano Well. Dug well; slightly brackish water. In very dry seasons this well has little water."

See: Bryan, Kirk, 1925, The Papago Country, Ariz., U.S. Geol. Survey Water-Supply Paper 499, pp 165-167.

See memorandum of July 29, 1942 from H. V. Peterson, USGS to Paul Balch, NPS. Peterson states that well penetrates only alluvium, is 35 feet deep, and that water level was 30 ft. during his visit of June 3-7, 1942.

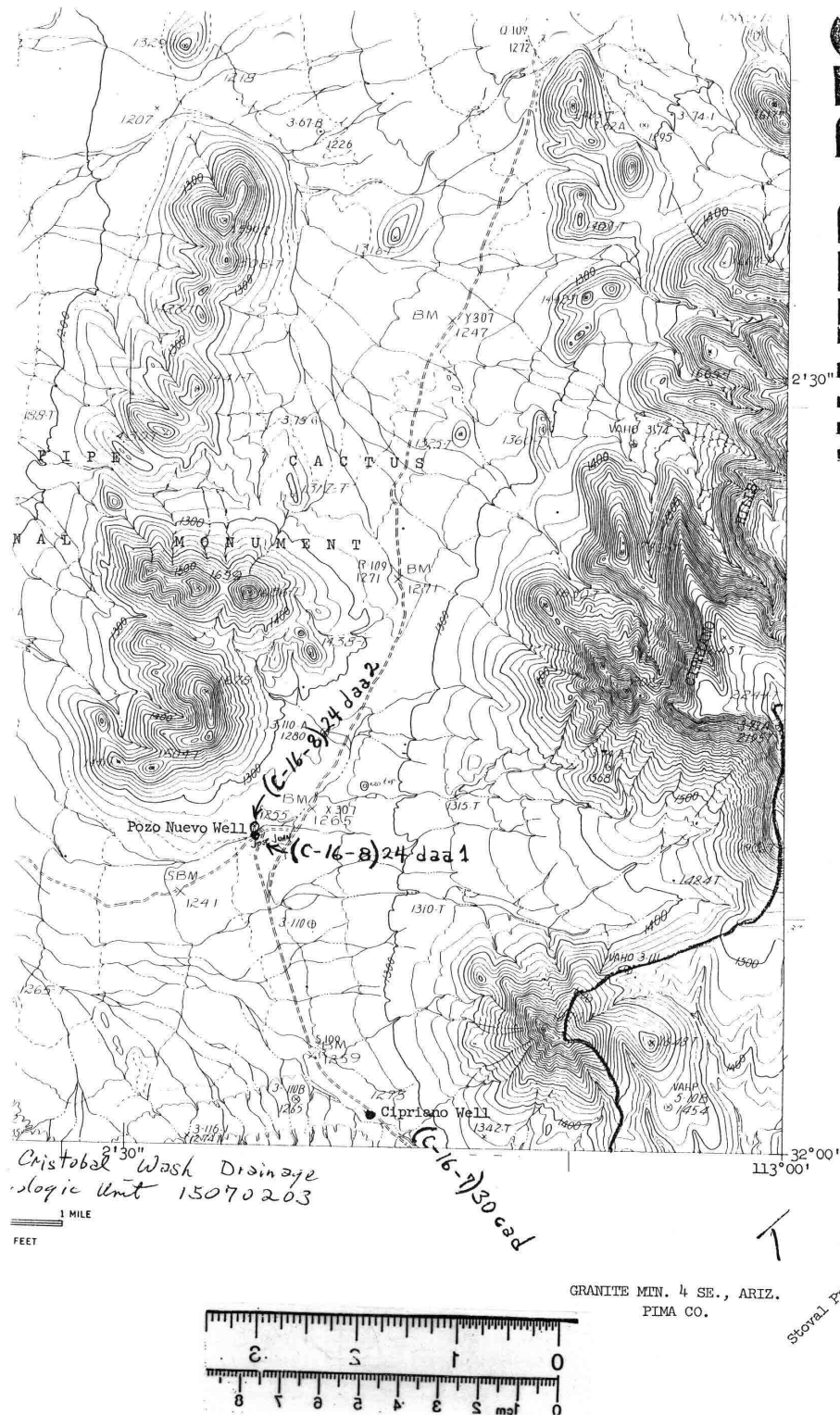
Well sounded by steel tape on Feb 11, 1974. Depth = 22.5 ft. Well was dry. Well is reported to have caved in several years ago, and has not produced water since that time.

Township and Range location determined by projection.

Well No. (C-16-7) 30 cad

GPO : 1972 O - 475-840

Well is listed on "Inventory of all wells in DRPI" by park on Dec 15, 1951. Well is reported as dug in middle 1800's. This does not seem probable.



Docket Information

Number of Documents in Docket 7

Documents Dated from 2/11/1974 to 6/3/1982

Docket Compiled: 6/3/2011