



WATER-RIGHT DOCKET

Organ Pipe Cactus National Monument

Docket No: 8

ARMENTA WELLS

Preliminary Docket Information

07-08-1974: water right/source docket information

WATER RESOURCES/WATER RIGHTS DATE: July 8, 1974

WATER RIGHT/SOURCE DOCKET INFORMATION

REGION Western AREA Organ Pipe Cactus National Monument

SITE Leo Rich Property

STATE Arizona COUNTY Pima DOCKET NO WR #8

LOCATION _____

REGIONAL BASIN _____ LOCAL BASIN _____

ACQUIRED BY Purchase

APPLICATION _____ PERMIT _____ CERTIFICATE _____

ACTION DUE _____ PRIORITY _____ RESERVATION _____

QUANTITY _____ USE _____

STATUS _____ SOURCE _____

REMARKS ^{WR #7}
See ~~WR #7~~ Gachado Wash

NARRATIVE: Leo Rich, on October 30, 1970, exchanged two tracts of land along with the water rights appurtenant lying within the Organ Pipe Cactus National Monument for a parcel of land outside the Monument area. One of the tracts, specifically Tract #1, was originally owned by Birdie Miller who sold it to Leo Rich. This tract contained water which Leo Rich leased to the Gray Partnership for watering stock in the vicinity. Prior to the exchange, Rich canceled this lease encumbering the property. There appears to have been no action taken to secure state water rights for either of the two tracts.

Three wells are situated on this property - (C-14-6)24 acb, (C-14-6)24 dda, and (C-15-4)10 bca. The first two are dry and the last caved in due to age.

May 26, 1978

Compiled by M. Ackerman

Approved by W. Werrell

Page 1 of 1



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 equity, and does not concede that the
State has power to regulate the rights of
the United States to the use of water.

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

FOR OFFICE USE ONLY	
REGISTRATION NO. 55-	629116
FILE NO.	C(14-6)24 dda
FILED	6-9-82 AT 1:30
(DATE)	(TIME)
INA	
AMA	

- 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)
- File and/or Control Number under previous groundwater law:
(File Number) 35- (Control Number)
- The well is located within the NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 24, of Township 14 S N/S, Range 6 W E/W, G & SRB & M, in the County of Pima.
 - If in a subdivision: Name of subdivision _____, Lot No. _____, Address _____.
- The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)
Unused, Ranch Operations (historical)
- If for irrigation use, number of acres irrigated from well _____.
- Owner of land on which well is located. If same as Item 1, check this box ☒

(Address) (City) (State) (Zip)
- Well data (If data not available, write N/A)
 - Depth of Well 212 feet
 - Diameter of casing none inches
 - Depth of casing none feet
 - Type of casing none
 - Maximum pump capacity N/A gallons per minute.
 - Depth to water dry feet below land surface.
 - Date well completed July 15, 1935
(Month) (Day) (Year)
- The place(s) of use of water. If same as Item 3, check this box ☐

Organ Pipe Cactus National Monument - Armenta Well
Attach additional sheet if necessary.
- DATE JUN 3 1982 SIGNATURE OF REGISTRANT Gerard S. Vitucci
GERARD S. VITUCCI
CHIEF, DIVISION OF WATER RESOURCES

Land History

WR copy

JUL 21 1971

7/23
~~Bette~~
Moss - Please
file in Organ Pipe
Cactus Water
Rights Bureau.

L58-CS(W)

Memorandum

To: Chief, Division of Land Acquisition
From: Chief, Division of Water Resources
Subject: Leo Rich Exchange, Organ Pipe Cactus

With regard to John Richey's memorandum of June 7 and Mr. Bill's memorandum of June 16 on the subject exchange, we asked Mr. William Mekeel, our legal assistant duty stationed at Rocky Mountain, to investigate and report on the status and nature of the water rights. Mr. Mekeel advises that the one and only water source is the well located on the 78.50 acres we gave up to the Papago in the exchange. The deeds transferring the lands to the United States specifically conveyed all rights, title and interest, etc., to water regardless of the nature and sources. This same language appears in both deeds. Without exception, we have all water rights on lands we received and the Indians have the same on the lands they received.

Manuel Morris

cc: DB, Mr. Bill
Director, SERO (2) w/c 6/16 inc.
Mr. Bill Mekeel, Rocky Mountain NP w/c inc.
WSC, Mr. Witucki
→ CS(W)

FNP:MMorris:alr 7/21/71



IN REPLY REFER TO:
L1425-DB

United States Department of the Interior

NATIONAL PARK SERVICE
WASHINGTON, D.C. 20240

JUN 16 1971

→ 396 6-23-71
192 1/17
D

① Murray Morris

② M.L.C.

Memorandum

To: Chief, Division of Land Acquisition
From: Deputy Director
Subject: Leo Rich Exchange

It was generally understood and agreed that when the exchange was completed all lands and water rights within the prescribed boundaries of Organ Pipe Cactus National Monument would be National Park lands.

The remainder 78.50 acres more or less within the Papago Indian Reservation were to become part of that reservation.

It should be determined as quickly as possible what the status of water rights may be. I believe them to be part of the realty, and the source is believed to be within the monument.

The Bureau of Land Management action of December 8, 1970, may have transferred the lands outside the monument boundary to the Papago Indian Reservation in which case no further action on our part would be necessary. I had intended to document the fact however for the record.

H.L.B.

Enclosure



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WESTERN SERVICE CENTER
450 GOLDEN GATE AVENUE, BOX 36025
SAN FRANCISCO, CALIFORNIA 94102

IN REPLY REFER TO:

LL425 (WSC)LW
ORPI
Leo Rich Exchange

JUN 7 1971

ML

What do you want
to do with this
it is a Papago
land

Memorandum

To: Director, National Park Service
Attention: Chief, Division of Land Acquisition

From: Chief, Office of Land Acquisition and Water Resources, WSC

Subject: Land Exchange - Organ Pipe Cactus

We were aware at the time of exchange and during negotiations that 78.50 acres of the offered land lie within the Papago Indian Reservation. The Bureau of Land Management was also aware of this.

Deputy Director, Harthorn L. Bill is also knowledgeable of this and requested this office contact him at the time the exchange was consummated so he could advise the Bureau of Indian Affairs and the Bureau of Land Management of the fact the National Park Service had acquired this land for the Papago. This was done on December 9, 1970.

The Bureau of Land Management in Phoenix advised the Bureau of Indian Affairs on December 8, 1970, that the offered lands were accepted by the United States and described the 78.50 acres which lie within the Reservation.

It may be that Deputy Director Bill would still prefer to inform the Bureau of Land Management and the Bureau of Indian Affairs of our part in this transaction.

cc:
Director, Southwest Region
Superintendent, Organ Pipe Cactus



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

WESTERN SERVICE CENTER
450 GOLDEN GATE AVENUE, BOX 36025
SAN FRANCISCO, CALIFORNIA 94102

IN REPLY REFER TO:

11-25 (WSC)LW
ORPI
Leo Rich Exchange

NOV 6 - 1970

717 12-10-80 WR COPY
Mr. Sente
WR

NOV 6 10 01 AM '70

11/11/70

MD 11/11/70

MO (E) ROM

Records Section

11/11/70

Memorandum

To: Director, National Park Service
Attention: Deputy Director, Operations

From: Chief, Office of Land Acquisition and Water Resources, WSC

Subject: Leo Rich Exchange, Organ Pipe Cactus Status Report

This exchange is in its second week of publication in the Tucson Daily Reporter as required by federal regulations.

The matter concerning the lease Mr. Leo Rich has with the Gray family for livestock water has been resolved. There is no formal written lease but a verbal agreement. Mr. Rich assured us he will notify the Grays in writing cancelling the use of the water at the time the exchange is consummated.

Regarding the water right, we contacted the State of Arizona and found that no Certificate of Water Right has been issued and none is required since the water right is automatically transferred with change in land ownership.

Mr. Rich's deed has been prepared and sent to him for review and signature. We anticipate his returning it to us shortly after receiving it.

We expect this exchange to close by mid-December and will advise you of further progress.

Charles D. [Signature]

cc:
Director, Southwest Region

ORPI

Return to Mr. [Signature] for file
Organ Pipe Cactus

Mr. W. A. Tucker

When recorded return to:

Chief, Office of Land Acquisition and Water Resources
National Park Service
450 Golden Gate Avenue, Box 36025
San Francisco, California 94102

10000
10
116-117
3875
1970 NOV 19 AM 9 16
RECEIVED
FEDERAL BUREAU OF SURVEY
U.S. DEPARTMENT OF THE INTERIOR

EXCHANGE DEED

For and in consideration of the exchange of certain lands as authorized by Section 8b of the Taylor Grazing Act of June 28, 1934 (48 Stat. 1269), as amended, the GRANTORS, LEO RICH and MILDRED RICH, husband and wife, do hereby grant and convey to the UNITED STATES OF AMERICA and its assigns, GRANTEE, the following described real estate in Pima County, Arizona, together with all accretions thereto:

TRACT # 2 T. 14 S., R. 6 W., G&SRM

Section 24, E $\frac{1}{2}$

TRACT # 1 T. 15 S., R. 4 W., G&SRM

Section 9, N $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$

Section 10, Lot 2, NW $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$

The GRANTORS further remise, release, and forever quitclaim to the United States and its assigns, all right, title and interest which the GRANTORS may have in the banks, beds, and waters of any streams bordering the said land to be conveyed and also all interest in any alleys, roads, streets, ways, strips, gores, or railroad rights-of-way abutting or adjoining said land and in any means of ingress or egress appurtenant thereto.

The GRANTORS further convey all right, title and interest in and to any and all improvements including but not limited to corrals, holding pens, wells, windmills, water troughs, storage tanks, fences and structures.

The GRANTORS further convey all right, title and interest in and to any and all water rights appurtenant to the said land, whether or not the water source is on said land.

For the Department of The Interior

TO HAVE AND TO HOLD the said premises, with their appurtenances, unto the said GRANTEE forever.

Dated this 30th day of October, 1970.

Leo Rich
Leo Rich

Mildred Rich by
Mildred Rich
Leo Rich her attorney
Mildred Rich

ACKNOWLEDGMENT

STATE OF ARIZONA)
COUNTY OF PIMA) ss

On this 30th day of October, 1970, personally appeared before me, a Notary Public in and for said County and State, Leo Rich/and Mildred Rich, his wife, known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

Witness my hand and seal the day and year first above written.



N. J. Cook
Notary Public in and for
said County and State.

(SEAL)

ACKNOWLEDGMENT

STATE OF ARIZONA)
COUNTY OF PIMA) ss

On this 18th day of November, 1970 personally appeared before me Mildred Rich wife of Leo Rich and acknowledged to me she executed same.



J. S. Deschmuller
Notary Public

Well No. (C-14-6) 24 dda

WELL SCHEDULE
GEOLOGICAL SURVEY

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Preliminary Map:

State Ariz 04 County Pima 10
(or town)

Lat-long accuracy: 1 T 14 N 6 E Sec 34 NE SE SE GFSB P

Local C = 14 = 06 24 P O A Other Armenta W

Well number: 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199 201 203 205 207 209 211 213 215 217 219 221 223 225 227 229 231 233 235 237 239 241 243 245 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 295 297 299 301 303 305 307 309 311 313 315 317 319 321 323 325 327 329 331 333 335 337 339 341 343 345 347 349 351 353 355 357 359 361 363 365 367 369 371 373 375 377 379 381 383 385 387 389 391 393 395 397 399 401 403 405 407 409 411 413 415 417 419 421 423 425 427 429 431 433 435 437 439 441 443 445 447 449 451 453 455 457 459 461 463 465 467 469 471 473 475 477 479 481 483 485 487 489 491 493 495 497 499 501 503 505 507 509 511 513 515 517 519 521 523 525 527 529 531 533 535 537 539 541 543 545 547 549 551 553 555 557 559 561 563 565 567 569 571 573 575 577 579 581 583 585 587 589 591 593 595 597 599 601 603 605 607 609 611 613 615 617 619 621 623 625 627 629 631 633 635 637 639 641 643 645 647 649 651 653 655 657 659 661 663 665 667 669 671 673 675 677 679 681 683 685 687 689 691 693 695 697 699 701 703 705 707 709 711 713 715 717 719 721 723 725 727 729 731 733 735 737 739 741 743 745 747 749 751 753 755 757 759 761 763 765 767 769 771 773 775 777 779 781 783 785 787 789 791 793 795 797 799 801 803 805 807 809 811 813 815 817 819 821 823 825 827 829 831 833 835 837 839 841 843 845 847 849 851 853 855 857 859 861 863 865 867 869 871 873 875 877 879 881 883 885 887 889 891 893 895 897 899 901 903 905 907 909 911 913 915 917 919 921 923 925 927 929 931 933 935 937

Local use: 35 40 45 51 or name: National Park Service

Owner or name: ARMENIA WELLS Address: _____

Ownership: County, (F) Fed Gov't City, Corp or Co, Private, State Agency, Water Dist _____ 67 **F**

(A)	(B)	(C)	(D)	(E)	(F)	(H)	(I)	(M)	(N)	(P)	(R)
Use of Air cond.	Bottling	Comm.	Dewater.	Power.	Fire.	Dom.	Irr.	Med.	Ind.	P. S.	Rec.

<u>water:</u>	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)
Stock	Inland	Unwood	Bearpawm	Bearpawm	Bearpawm	Bearpawm	Bearpawm	Bearpawm

Use of (A) (D) (G) (H) (M) (P) (R) (T) (U) (W) (X) (Z)

well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data ☐ Freq. W/L meas.: ☐ Field aquifer char. ⁷² ☐

Hvd. lab. data: 73

Qual: verdes; dadas; raras;

Qual. water data, type:

Freq. sampling: _____ 75 Pumpage inventory: no, period: _____ yes 77

Aperture cards: _____

Log data: _____ 78 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 212 ft 212 Mean Steel tape 24 O

Depth cased: 19 Casing 20 23 Rept accuracy 60 in 60

(C) (F) (G) (H) (I) (P) (S) (T) (W) (X) (Z)

Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open
concrete, (perf.), (screen), gallery, end, hole other

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

Date 1935 9 3 5 Pump intake setting: _____ ft _____

Driller: Mr. Armenta

[illegible]

(type): air, bucket, cent, jet, multiple, multiple, none, piston, rot, submerg, turb, other ☐ 39 Shallow ☐ 40

Power ☐ 41 Trans. or

(type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. _____ meter no. _____

Descrip. MP _____ ft above LSD, Alt. MP _____

Alt. LSD: 1598 1598 Accuracy: (source) USGS Topo - Elevation given 3

Water Level Dry ft ⁴² above MP; ⁴³ above below Ft below LSD D R Y Accuracy: Steel tape ⁵² A

Date: July 13, 73 53 7 7 3 53 Yield: gpm Method determined

Drawdown: fr Accuracy: Pumping period hrs

QUALITY OF WATER DATA	Iron	Sulfate	Chloride	Hard
1	0.2	0.4	0.5	0.6

WATER DATA:	Iron	Sulfate	Chloride	nitr.
	ppm	ppm	ppm	ppm
	69	70	71	72
			Date	

Sp. Conduct K x 10 73 Temp. °F 74 76 sampled 77 79

Taste, color, etc.

Well No. (C-14-6) 24 ada

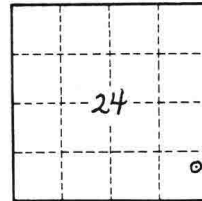
Well No. (C-4-6) 24 ddaLatitude-longitude 32.11.18 ^N 112.49.47 _S

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD		Physiographic Province: <u>Basin & Range</u>		Section: <u>2:2</u>	
Desert <u>B</u>		Drainage Basin: <u>Gila River - Texas</u>		Subbasin: <u>San Cristobal</u>	
Topo of well site: <u>(F)</u>		(D) depression, stream channel, dunes, (P) flat, hilltop, sink, swamp, (S) offshore, pediment, hillside, terrace, undulating, 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		_____ ft	
MINOR AQUIFER:		system: _____ series: _____		aquifer, formation, group: _____	
Lithology: _____		Origin: _____		Aquifer Thickness: _____ ft	
Length of well open to: _____ ft		Depth to top of: _____ ft		_____ 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 ²		Spec cap: _____ gpm/ft		Number of geologic cards: _____	

This dug well never struck water.

The following date is written in the concrete curb -
" July 15, 1935".



Curb is 1 foot wide, outside distance is 6 feet by 6 feet.

W. Werrell
March 29, 1981

Well No. (C-14-6) 24 dda

ORPI 7-68

WATER SOURCE REPORT

Name of Water Source: Armenta Wells (Abraham Armenta Property)

Kino

Quadrangle Peak T.14S R.6W Elevation 1600 ft. Map Scale 1:62500Photos Sketch No Recorded on Map YesAccess Route: 1 2/3 mi. below north boundary on Hwy. 85 turn west & drive
+ 5 mi. northwest to abandoned Armenta Ranch.

Terrain: Flat.

Ground Cover: Mesquite in ranch depression. Little vegetation.

Flow: Past (date) Present both drySouth 3/4 mi. s. of ranch.Depth 229' Length Width Storage gals. (estimated)

+ 40' deep near house, dry.

Brief History: Settled & lived on by A. Armenta & his family from 1930 to 1935. Property included 320 acres. Armenta turned down NPS offer of 1200.00 for property in 8/55. Sold to Jonathon Investments, Inc. in 1959. who sold to Leo Rich of Tucson who hopes to trade property for other government property. Deep well dug in 1935.

Present Development and Human Use: No current use. Buildings are in dilapidated condition and of little use.

Wildlife Use: None. Fair birding in mesquites around area.

Remarks & Recommendations:

1. Development and Maintenance None

2. Protection and Use None

Observer-Compiler Title Date

NATIONAL PARK SERVICE

FORM 2-16-28
(DEC. 68)

Well No. (C-14-6) 24 acb

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W. Werrell Source of data Field Date _____ Map Preliminary Maps, Growler Pass NE, 7 1/2

State Ariz County (or town) Pima Sequential number: 10

Latitude: 32 11 42 N Longitude: 111 25 00 8

Lat-long accuracy: 1 14 0 R 6 E Sec 24 NW SW NE GESR PM

Local well number: C-14-06 24 ACB Other number: _____

Local use: _____ Owner of name: National Park Service

Owner or name: _____ Address: _____

Ownership: County, (C) (F) (M) (N) (P) (S) (W) (M) F

Use of water: (A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) U

Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other _____

Use of well: (A) (D) (G) (H) (I) (P) (R) (T) (U) (W) (X) (Z) U

Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed _____

DATA AVAILABLE: Well data 70 Freq. W/L meas.: _____ Field aquifer char. 71

Hyd. lab. data: _____

Qual. water data: type: _____

Freq. sampling: _____ Pumpage inventory: yes 73 no: period: _____

Aperture cards: _____

Log data: _____

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: _____ ft Meas. _____

Depth cased: _____ ft Casing type: _____ Diam. _____ in

Finish: (C) (F) (G) (H) (I) (P) (S) (T) (W) (X) (Z) X

concrete, (perf.), gravel w. horiz. open perf., screen, sd. pt., shored, open hole, other _____

Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) D

Drilled: air bored, cable, dug, hyd jetted, air reverse trenching, driven, drive wash, other _____

Date Drilled: 1930's Pump intake setting: _____ ft

Driller: Mr Armenta address _____

Lift: (A) (B) (C) (J) (L) (M) (N) (P) (R) (S) (T) (Z) 39 Deep 40

(type): air, bucket, cent, jet, (cent.), multiple, multiple, none, piston, rot, submerg, turb, other _____

Power: nat LP Trans. or meter no. _____

(type): diesel, elec, gas, gasoline, hand, gas, wind, H₂P. _____

Descrip. MP _____ ft above LSD, Alt. MP _____

Alt. LSD: 1570 1570 Accuracy: (source) USGS Topo - 10' Cont 3

Water Level: _____ ft above MP; Ft below LSD _____ Accuracy: _____

Date meas: _____ Yield: _____ gpm _____ Method determined _____

Drawdown: _____ ft Accuracy: _____ Pumping period _____ hrs _____

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

Sp. Conduct _____ K x 10⁶ _____ Temp. _____ °F _____ Date sampled _____

Taste, color, etc. _____

PERMANENT REFERENCE
Do Not Discard

Well No.

(C-14-6) 24 acb

Well No. (C-14-6) 24 acb

Latitude-longitude N
S
d m s

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: Basin & Range Section: Sonoran

Desert B Drainage Basin: Gila River-Texas Subbasin: San Cristobal

Topo of well site: (D) depression, stream channel, dunes, (F) flat, hilltop, sink, swamp, (H) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27 F

MAJOR AQUIFER: system series 28 29 aquifer, formation, group 30 31

Lithology: Origin: 34 Aquifer Thickness: 35 ft

33 37 Length of well open to: 38 40 ft Depth to top of: 41 43 ft

MINOR AQUIFER: system series 44 45 aquifer, formation, group 46 47

Lithology: Origin: 50 Aquifer Thickness: 51 ft

51 53 Length of well open to: 54 56 ft Depth to top of: 57 59 ft

Intervals: Screened:

Depth to consolidated rock: 60 63 ft Source of data: 64

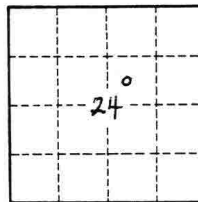
Depth to basement: 65 68 ft Source of data: 69

Surficial material: 70 71 Infiltration characteristics: 72

Coefficient Trans: 73 75 gpd/ft Coefficient Storage: 76 78

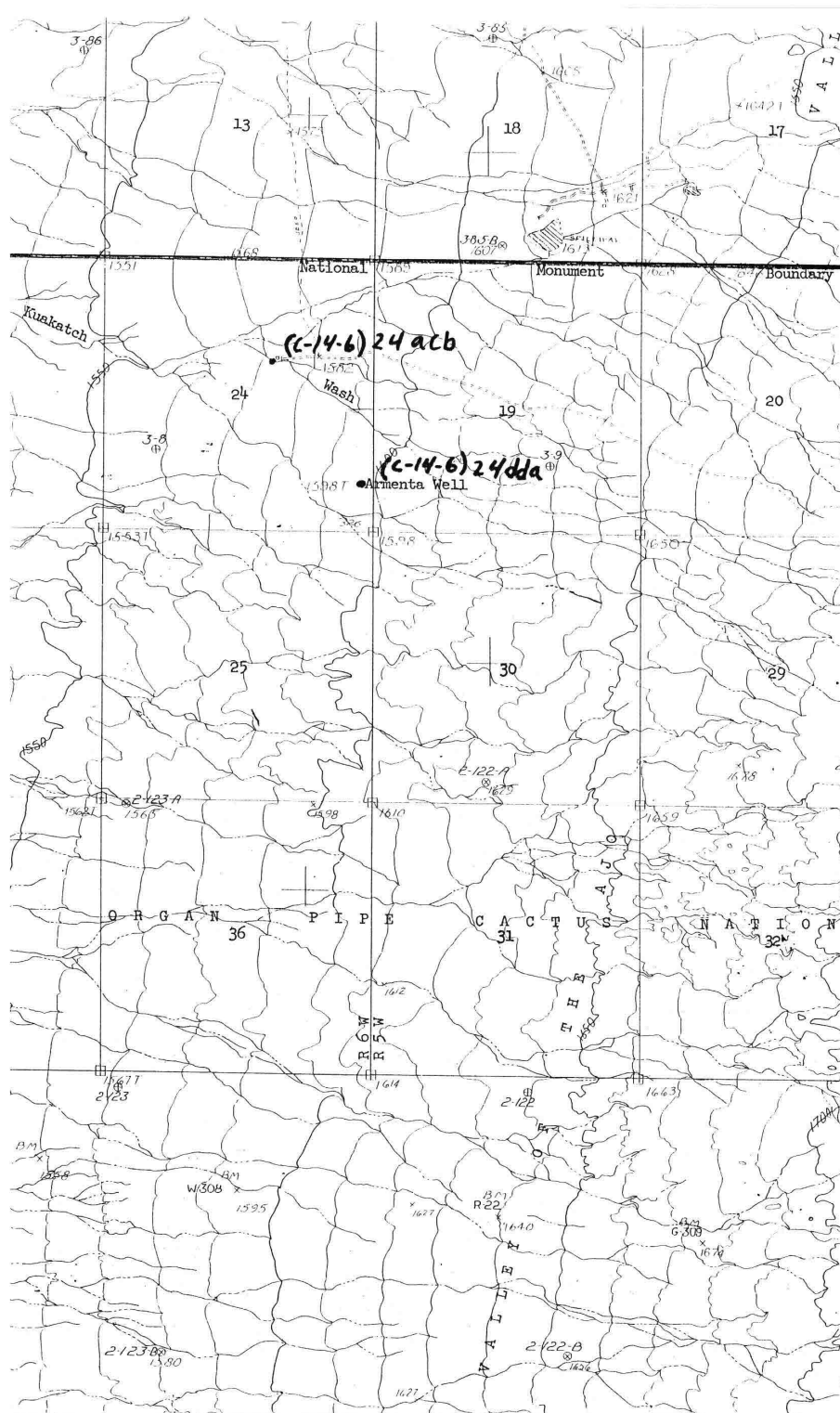
Coefficient Perm: 79 gpd/ft²; Spec cap: 80 gpm/ft; Number of geologic cards: 81

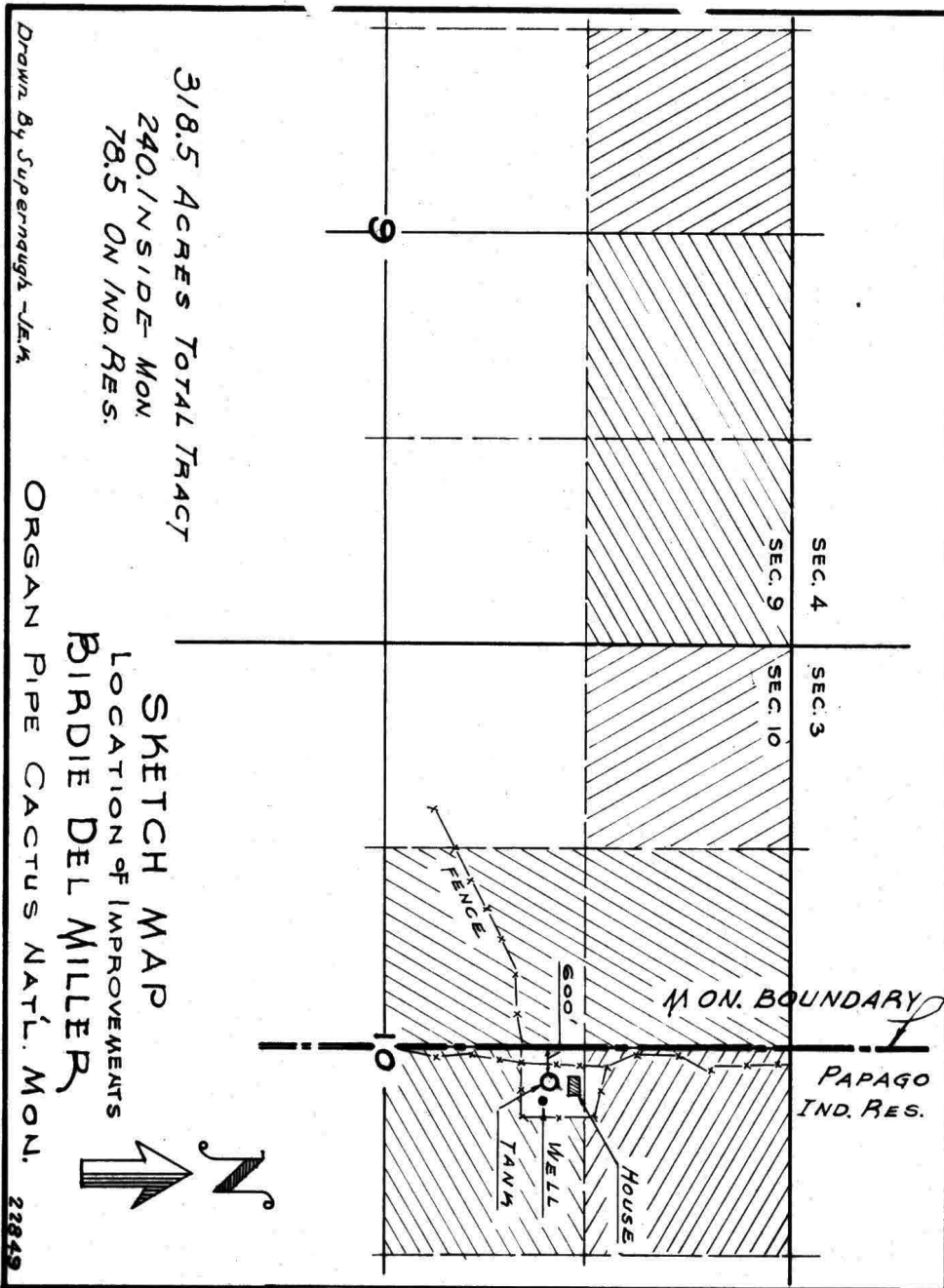
The well has been capped with a large precast concrete slab. No entrance to well. Well is believed to have been dry.



Well No.

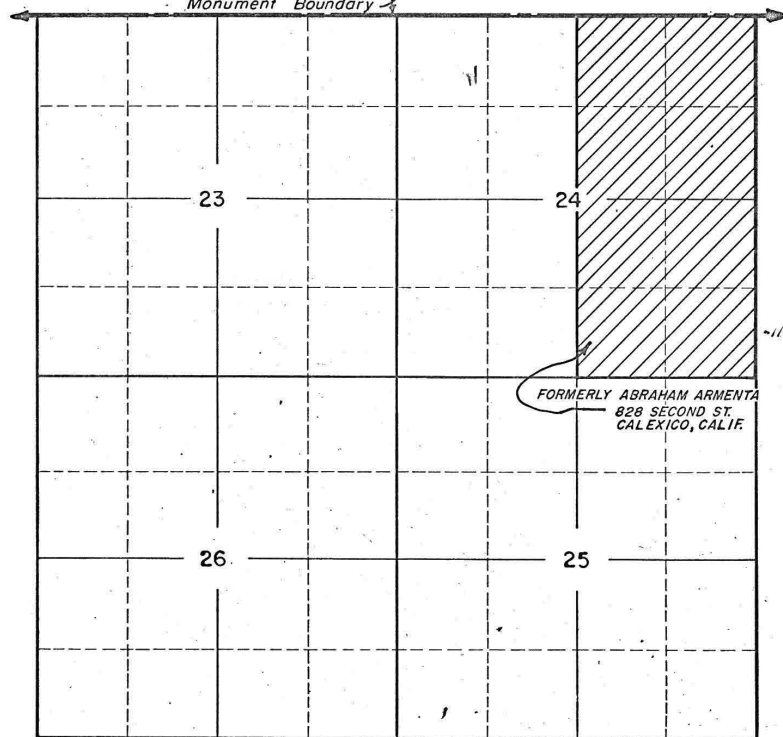
(C-14-6) 24 acb





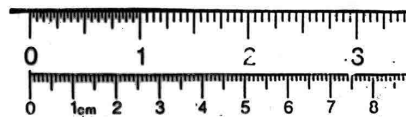
UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
BRANCH OF LANDS

State Arizona Tract No. 2
County Pima Deed No. 11782
Civil Subdivision _____ Area 320.0 acres Organ Pipe Cactus National Mon.
Name of Park or Area
Owner Leo Rich inside
Jonathon Investments Co. Address 2607 E. Broadway, Tucson Arizona
Section 24 Township 14 South Range 6 West Meridian G. & S. R. M.
Monument Boundary



- ☐ Land to be acquired
☐ Private Land
☐ Federal Land
☐ State Land
☐ County Land

Scale: One Inch Equals 1600' Remarks _____



By L. Sanda 11/4/63.

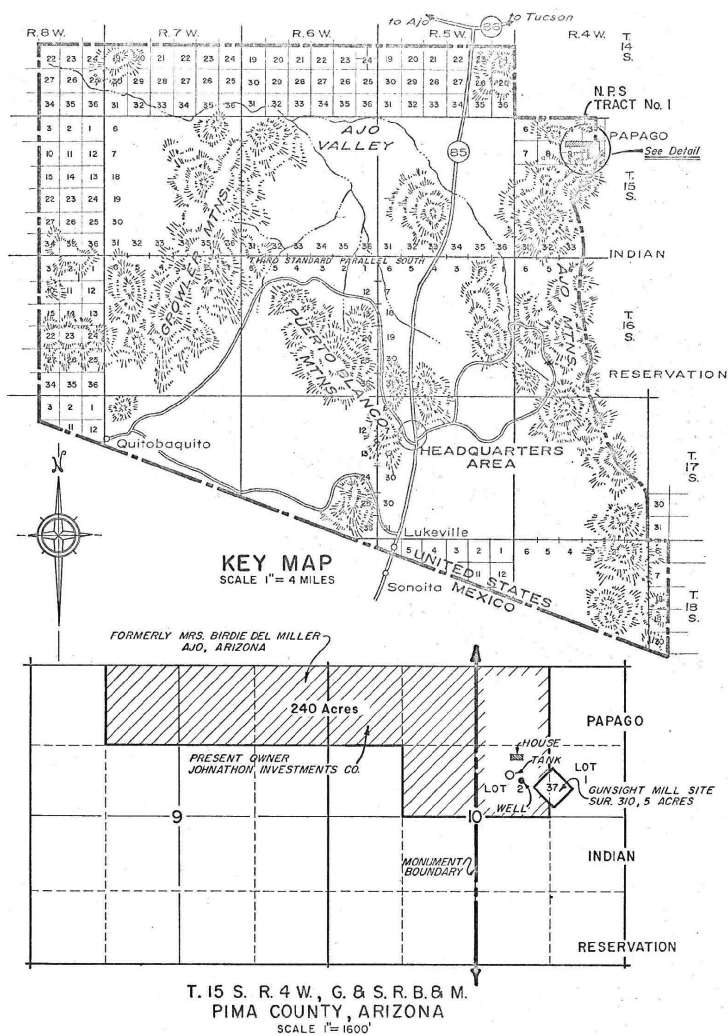


EXHIBIT "A"
JOHNATHON INVESTMENTS COMPANY
Leo Rich et al.
ORGAN PIPE CACTUS NATIONAL MONUMENT



Docket Information

Number of Documents in Docket 18

Documents Dated from 11/4/1970 to 6/3/1982

Docket Compiled: 6/3/2011