

CCH-FE-E

JUL 01 1976

SUBJECT: Inventory of Water Right Claims - Fort Huachuca

Chief, Arizona Real Estate Project Office
Los Angeles District, Corps of Engineers
2721 North Central Avenue, Suite 1010
Phoenix, Arizona 85004

1. Reference is made to letter SPLRE-AR-(G) 17 May 1976, Subject: Inventory of Water Right Claims in State of Arizona.
2. The inventory of water right claims requested by referenced letter is provided as inclosure 1. The inventory is divided into three lists: springs-potable, springs-nonpotable and ponds.
3. The definition of "public waters" or "water" set forth in referenced letter indicate that water derived from wells or percolated water need not be included in the inventory. Therefore the water wells are not listed.
4. The legal basis for the water right claims is considered to be contained in the exclusive federal jurisdiction held by the Government over a major portion of the installation. Those portions of the installation not under exclusive jurisdiction are exempt from State imposed regulatory power in accordance with AR 405-20 para 4d.

FORTTHE COMMANDER:

- 2 Incl
1. Inventory
2. Map Dup -

DAVID D. DROSS
LTC, CE
Director, Facilities Engineering

REF FURE 42

ENGR PLANS & SERVICES DIVISION MR. HEDGECOCK

USF200007371

MEMORANDUM FOR RECORD:

SUMMARY: LADE ltr SPLRE-AR-(G) 17 May 1976 requests inventory of water rights the Army claims on Fort Huachuca.

BASIS FOR ACTION: Water right claim inventory is based on input from B&G and Utilities Division.

SIGNATURE & DATE:

F. S. Hedgcock
F.S. HEDGCOCK

Realty Officer 3420 30 June 1976

SPRINGS - POTABLE

MAP NO.	NAME	LOCATION	USE	PURPOSE & EXTENT OF USE	Approx. Date of First Use
SPP 1 & 2	Spring 1 and 2	Huachuca Canyon	—	Augments the potable water system serving approx 16,000 persons	1877
SPP 3 & 3a	Spring 3 and 3a	Huachuca Canyon	—	" "	" "
SPP 4	Spring 4	Huachuca Canyon	—	" "	" "
TOTAL - HUACHUCA CANYON			26.7	ANNUAL	
Picnic	Picnic Spring	Garden Canyon	—	Augments the potable water system serving approx 16,000 persons	1877
Chain	Chain Spring	Garden Canyon	—	" "	" "
SPP 1	Spring 1	Garden Canyon	—	" "	" "
SPP 1a	Spring 1a	Garden Canyon	—	" "	" "
SPP 1b	Spring 1b	Garden Canyon	—	" "	" "
SPP 2	Spring 2	Garden Canyon	—	" "	" "
SPP 3	Spring 3	Garden Canyon	—	" "	" "
SPP 4	Spring 4	Garden Canyon	—	" "	" "
Cabin	Cabin Spring	Garden Canyon	—	" "	" "

TOTAL - GARDEN CANYON

98.5

ANNUAL

SPRINGS - NONPOTABLE

MAP NO.	DIVERSTION	NAME	Water Course or Source	T R & Sec G&SRM	LOCATION		Quantity (Million Gal)	USE		PURPOSE & EXTENT OF USE	Approx. Date of First Use
					Mill. Coord.			Time of Year			
SP 1	Spring #1		Tributary to San Pedro R-	T20S, R21E Sec 21, NW¼	-753 053		4.2	Annual		Wildlife Management	1954
SP 2	Spring #2		Tinker Canyon	T22S, R20E Sec 33, SE¼	653 818		2.6	"		"	"
SP 3	Spring #3		Tinker Canyon	T22S, R20E Sec 33, SW¼	642 814		1.0	"		"	"
SP 4	Spring #4		Sawmill Canyon	T23S, R20E Sec 7, SW¼	614 782		4.2	"		"	"
SP 5	Spring #5		McClure Canyon	T22S, R19E Sec 35, SE¼	593 822		4.2	"		"	"
SP 6	Spring #6		McClure Canyon	T22S, R19E Sec 36, SW¼	597 823		2.6	"		"	"
SP 7	Spring #7		McClure Canyon	T22S, R19E Sec 36, NW¼	594 825		2.6	"		"	"
SP 8	Spring #8		Garden Canyon	T22S, R20E Sec 31, NW¼	611 826		2.6	"		"	"
SP 9	Spring #9		Woodcutters Canyon	T22S, R19E Sec 25, SE¼	605 838		4.2	"		"	"
SP 10	Spring #10		Woodcutters Canyon	T22S, R20E Sec 19, SW¼	614 850		2.6	"		"	"
SP 11	Spring #11		Woodcutters Canyon	T22S, R20E Sec 20, SW¼	632 854		1.0	"		"	"
SP 12	Spring #12		Soldier Creek	T22S, R20E Sec 7, SE¼	625 884		1.0	"		"	"
SP 13	Spring #13		Soldier Creek	T22S, R19E Sec 13, SW¼	596 869		2.6	"		"	"

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MAP NO.	NAME	LOCATION	USE	PURPOSE & EXTENT OF USE	Approx. Date of First Use			
						DIVERSION	Water Course or Source	T R & Sec & SRM
SP 14	Spring #14	Huachuca Canyon	T22S, R19E Sec 27, NE $\frac{1}{4}$	573 848	2.6	ANNUAL	Wildlife Management	1954
SP 15	Spring #15	Huachuca Canyon	T22S, R19E Sec 22, SE $\frac{1}{4}$	571 853	1.0	"	"	"
SP 16	Spring #16	Huachuca Canyon	T22S, R19E Sec 14, SW $\frac{1}{4}$	581 868	1.0	"	"	"
SP 17	Spring #17	Huachuca Canyon	T22S, R19E Sec 15, NW $\frac{1}{4}$	567 876	2.6	"	"	"
SP 18	Spring #18	Blacktail Canyon	T22S, R19E Sec 16, NE $\frac{1}{4}$	558 879	2.6	"	"	"
Sp 19	Spring #19	Blacktail Canyon	T22S, R19E Sec 8, NE $\frac{1}{4}$	541 888	2.6	"	"	"
SP 20	Spring #20	Slaughter-House Canyon	T22S, R19E Sec 4, NE $\frac{1}{4}$	557 913	1.0	"	"	"
SP 21	Spring #21	Slaughter-House Canyon	T21S, R19E Sec 26, SW $\frac{1}{4}$	578 931	1.0	"	"	"
SP 22	Spring #22	Sycamore Canyon	T21S, R19E Sec 32, SW $\frac{1}{4}$	530 918	2.6	"	"	"

INVENTORY OF WATER RIGHTS CLAIMS

PONDS

MAP NO.	NAME	LOCATION	USE	PURPOSE & EXTENT OF USE	Approx. Date of First Use			
						DIVERSION	Water Course or Source	T R & Sec G&SRM
1	Gravel Pit	Tributary to Woodcutter Canyon	T22S, R20E Sec 17, SE¼	637 867	11.5	ANNUAL	Post Recreation and Wildlife Management	1954
2	Golf Course	Tributary to Soldier Creek	T22S, R20E Sec 9, NE¼	652 893	14.4	"	"	"
3	Officers Club	Soldier Creek	T22S, R19E. Sec 1, SE¼	607 903	12.2	"	"	"
4	Pan Am	Huachuca Canyon	T21S, R19E Sec 24, SW¼	599 947	3.2	"	"	"
5	Hidden	Blacktail Canyon	T21S, R19E Sec 28, NW¼	554 940	5.6	"	"	"
6	Lower Soldier Creek	Rock Spring Canyon	T22S, R20E Sec 7, NE¼	622 892	.6	"	"	"
7	Upper Soldier Creek	Rock Spring Canyon	T22S, R19E Sec 15, NE¼	606 874	1.6	"	"	"
8	Fly	Soldier Creek	T22S, R19E Sec 12, NE¼	607 894	.9	"	"	"
9	Sycamore	Sycamore Canyon	T21S, R19E Sec 20, SW¼	535 946	6.	"	"	"
10	Slaughter - House	Slaughter-House Canyon	T21S, R19E Sec 25, SE¼	586 946	8.4	"	"	"
11	Landing Strip	Coyote Canyon	T21S, R19E Sec 35, NW¼	584 928	.9	"	"	"
12	Buffalo Corral	Coyote Canyon	T21S, R19E Sec 26, NE¼	587 939	1.5	"	"	"
13	Blacktail	Blacktail Canyon	T22S, R19E Sec 16, NE¼	558 876	.8	"	"	"

PONDS

MAP NO.	NAME	Water Course or Source	T, R & Sec G&SRM	LOCATION		Quantity (Acre Feet)	USE		PURPOSE & EXTENT OF USE	Approx. Date of First Use
				MIL. Coord.			Time of Year			
14	West Huachuca	Huachuca Canyon	T22S, R19E Sec 22, NW $\frac{1}{4}$	563	863	.7	ANNUAL	Post Recreation and Wildlife Management	1954	
15	Huachuca Corral	Huachuca Canyon	T22S, R19E Sec 22, SE $\frac{1}{4}$	571	853	.4	"	"	"	
16	Boy Scout Cabin	Garden Canyon	T23S, R19E Sec 2, SE $\frac{1}{4}$	593	800	.5	"	"	"	
17	Upper Woodcutters	Woodcutter Canyon	T22S, R20E Sec 20, SW $\frac{1}{4}$	630	852	7	"	"	"	
18	Lower Woodcutters	Woodcutter Canyon	T22S, R20E Sec 10, SW $\frac{1}{4}$	658	883	2	"	"	"	
19	Antelope	Tributary to Babocomari R.	T21S, R19E Sec 16, NW $\frac{1}{4}$	546	965	4.8	"	"	"	
20	Power Line	Blacktail Canyon	T21S, R19E Sec 27, SW $\frac{1}{4}$	557	935	1.3	"	"	"	
21	North	Tributary to Babocomari R.	T21S, R19E Sec 15, NE $\frac{1}{4}$	568	973	.3	"	"	"	
22	Huachuca Canyon	Huachuca Canyon	T22S, R19E Sec 14, SW $\frac{1}{4}$	580	868	.2	"	"	"	
23	Lower Huachuca	Huachuca Canyon	T21S, R19E Sec 7, SE $\frac{1}{4}$	623	975	4.8	"	"	"	
24	Lower Blacktail	Blacktail Canyon	T21S, R19E Sec 22, NE $\frac{1}{4}$	573	958	.5	"	"	"	
25	Unknown West	Slaughter House Wash	T21S, R19E Sec 14, NE $\frac{1}{4}$	589	971	.2	"	"	"	
26	Lower Garden	Garden Canyon	T22S, R20E Sec 23, SW $\frac{1}{4}$	674	844	3.0	"	"	"	

PONDS

MAP NO.	NAME	LOCATION	USE	PURPOSE & EXTENT OF USE	Approx. Date of First Use			
						DIVERSION	Water Course or Source	T, R & Sec of SRM
27	Lower Fly	Soldier Creek	T22S, R20E Sec 6, SW $\frac{1}{4}$	608 896	6.0	ANNUAL	Post Recreation and Wildlife Management	1954
28	Upper Horse Pasture	Soldier Creek	T22S, R20E Sec 6, SW $\frac{1}{4}$	611 894	.8	"	"	"
	Lower Horse Pasture	Soldier Creek	T22S, R20E Sec 6, SW $\frac{1}{4}$	614 895	.9	"	"	"
30	Upper Garden	Garden Canyon	T23S, R19E Sec 2, SE $\frac{1}{4}$	587 802	.4	"	"	"
31	Fairway	Soldier Creek	T22S, R20E Sec 4, NE $\frac{1}{4}$	653 903	.4	"	"	"
32	Sediment #1	Soldier Creek	T21S, R20E Sec 35, SE $\frac{1}{4}$	655 916	.3	"	"	"
33	Sediment #2	Soldier Creek	T21S, R20E Sec 28, SW $\frac{1}{4}$	652 926	.3	"	"	"
34	Sediment #3	Soldier Creek	T21S, R20E Sec 21, SE $\frac{1}{4}$	653 944	16.5	"	"	"
35	East #1	Soldier Creek	T21S, R20E Sec 16, SE $\frac{1}{4}$	653 963	3.6	"	"	"
36	East #2	Tributary to Babocomari R.	T21S, R20E Sec 4, NE $\frac{1}{4}$	656 007	.9	"	"	"
37	East #3	Tributary to San Pedro R.	R21S, R20E Sec 14, NE $\frac{1}{4}$	686 968	3.2	"	"	"
38	East #4	Soldier Creek	T21S, R20E Sec 27, SW $\frac{1}{4}$	664 931	4.1	"	"	"

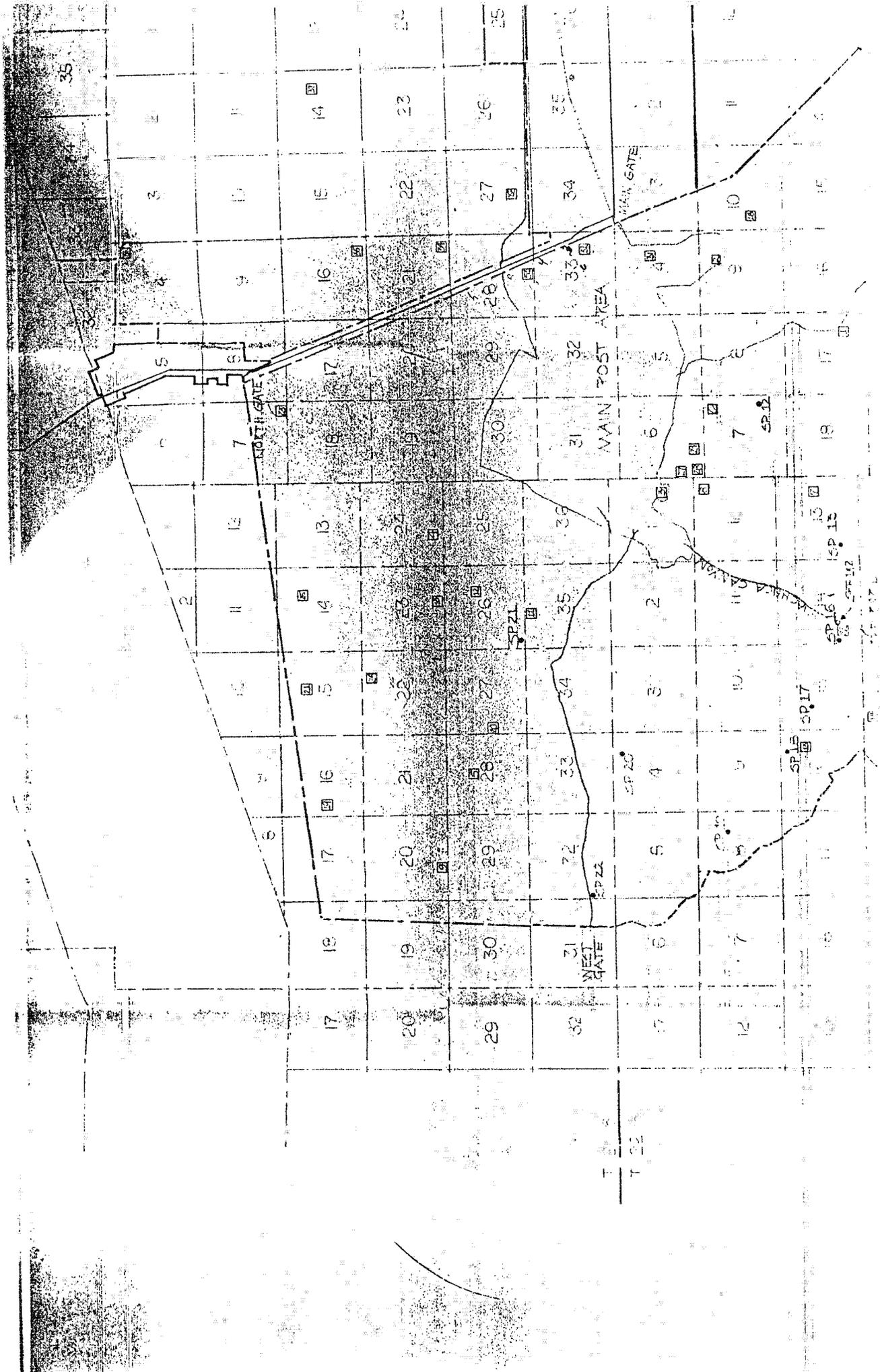


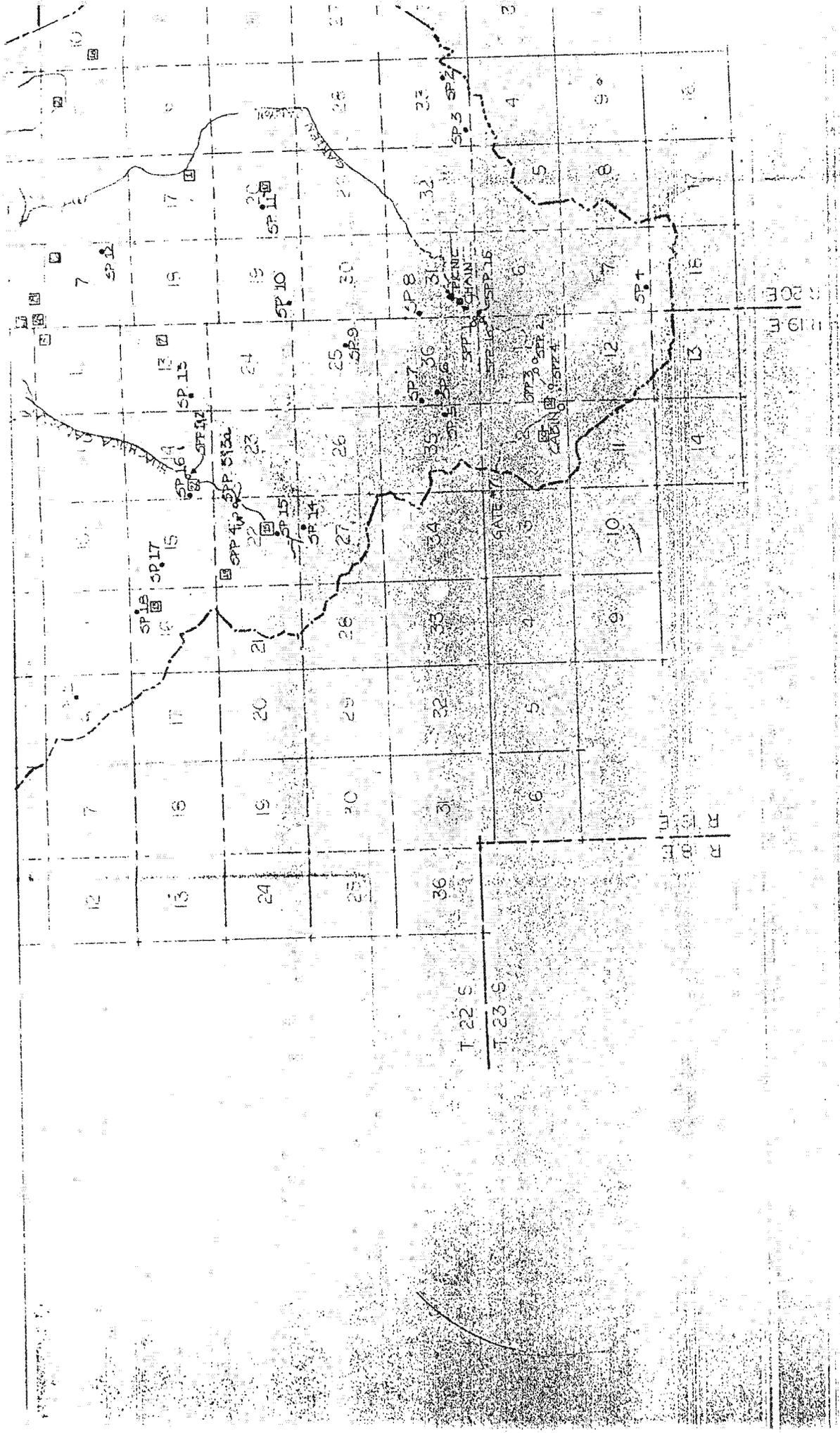


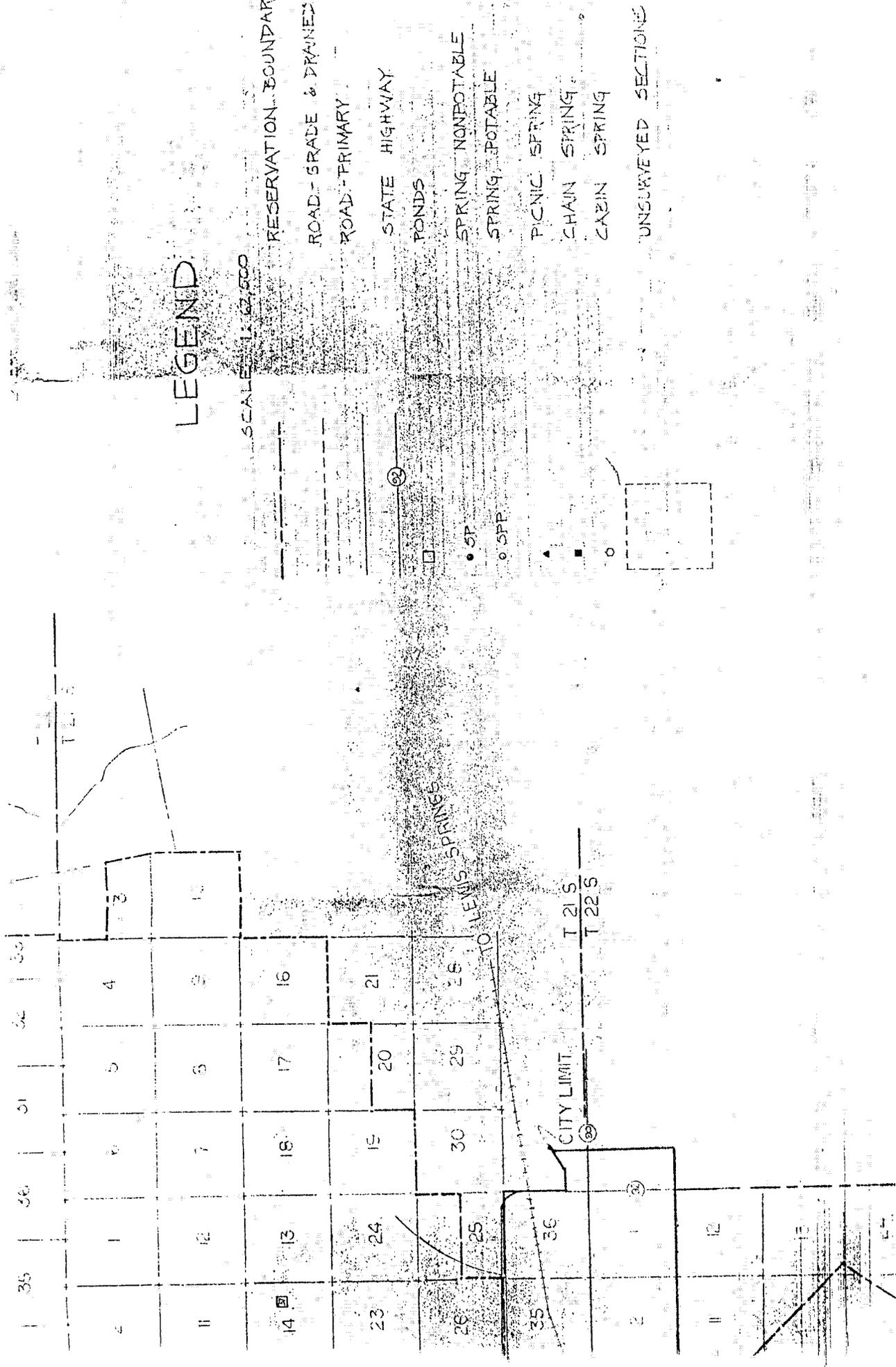
LEGEND

SCALE 1:62,500

- RESERVATION BOUNDARY
- ROAD - GRADE & DRAINED
- ROAD - PRIMARY
- STATE HIGHWAY
- PONDS
- SPRING NONPOTABLE
- SPRING POTABLE
- POND
- CREEK







LEGEND

SCALE 1:25,000

- RESERVATION BOUNDARY
- ROAD - GRADE & DRAINED
- ROAD - PRIMARY
- STATE HIGHWAY
- PONDS
- SPRING NONPOTABLE
- SPRING POTABLE
- PICNIC SPRING
- CHAIN SPRING
- CABIN SPRING
- UNSURVEYED SECTIONS

CABIN SPRING

UNSURVEYED SECTIONS

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T 23 S



REVISION	DESCRIPTION	DATE
NOTE: DRAWINGS ARE NOT TO BE SCALED		
FACILITIES ENGINEERING DIRECTORATE FORT HUACHUCA, ARIZONA		
COORDINATION	WATER RIGHT CLAIMS	
UTILITIES DIV.		
B. & G. DIV.	FT HUACHUCA	
FIRE PREV/PROT DIV.		
SAFETY DIV.		
DRAWN BY: <i>DF</i>	APPROVAL	
DESIGNED BY:	DIR. FAC. ENGR. DIR.	DATE: 12/17
REVIEWED BY:	<i>[Signature]</i>	PROJECT NO.
CHIEF ENG. BR.	CHIEF ENG. DIV.	
USING AGENCY	REF SHEET NO.	SHEET 1 OF 1 DRAWING NO.

Canyon Water Production

	Garden Canyon	Huachuca Canyon
Highest Daily Production	2,126,000 gal (23 Feb 73)	672,000 gal (1 Feb 72)
Highest Monthly Production	30,944,000 gal (Mar 73)	9,182,000 gal (Apr 73)
Average Monthly Production since put into production	8,208,000 gal/mo	2,228,000 gal/mo

GAME MANAGEMENT

WATER PROJECTS BY DRAINAGE

<u>Drainage</u>	<u>Type of Project</u>	<u>Coordinates</u>	
Tinker Canyon & Wash	Spring (No. SP2)	818	653
	Spring (No. SP3)	814	642
Garden Canyon & Wash	Pond (No. 16)	800	593
" " "	Pond (No. 26)	844	674
" " "	Pond (No. 30)	802	587
" " "	Catchment (No. C7a)	807	598
" " "	Catchment (No. C6b) (incomplete)	859	677
" " "	Catchment (No. C7b)	851	671
" " "	Catchment (No. C5b)	875	665
" " "	Spring (No. Sp4)	782	614
" " "	Spring (No. Sp5)	822	593
" " "	Spring (No. Sp6)	823	597
" " "	Spring (No. Sp7)	825	594
" " "	Spring (No. SP8)	826	611
Woodcutters Canyon & Wash	Pond (No. 1)	867	637
" " " "	Pond (No. 17)	852	630
" " " "	Pond (No. 18)	883	658
" " " "	Catchment (No. C9a) (under constr)	839	601
" " " "	Spring (No. Sp 9)	838	605
" " " "	Spring (No. Sp 10)	850	614
" " " "	Spring (No. Sp 11)	854	632

<u>Drainage</u>	<u>Type of Project</u>	<u>Coordinates</u>
Soldier Creek	Pond (No. 2)	893 652
" "	Pond (No. 3)	903 607
" "	Pond (No. 6)	892 622
" "	Pond (No. 7)	874 606
" "	Pond (No. 8)	894 607
" "	Pond (No. 27)	896 608
" "	Pond (No. 28)	894 611
" "	Pond (No. 29)	895 614
" "	Pond (No. 31)	903 653
" "	Pond (No. 32)	916 655
" "	Pond (No. 33)	926 652
" "	Pond (No. 34)	944 653
" "	Pond (No. 35)	963 653
" "	Pond (No. 38)	931 684
" "	Catchment (No. C6a)	860 588
" "	Windmill (?)	026 669
" "	Windmill (?)	002 673
" "	Spring (No. Sp 12)	884 625
" "	Spring (No. Sp 13)	869 596
Huachuca Canyon & Wash	Pond (No. 4)	947 599
" " "	Pond (No. 14)	863 563
" " "	Pond (No. 15)	853 571
" " "	Pond (No. 22)	868 580
" " "	Pond (No. 23)	975 623

<u>Drainage</u>	<u>Type of Project</u>	<u>Coordinates</u>
Huachuca Canyon & Wash	Catchment (No. C4a)	846 556
" " "	Catchment (No. C5a)	835 577
" " "	Spring (No. Sp 14)	848 573
" " "	Spring (No. Sp 15)	853 571
" " "	Spring (No. Sp 16)	868 581
" " "	Spring (No. Sp 17)	876 567
Split Rock Canyon	Catchment (No. C3a)	896 565
Blacktail Canyon & Wash	Pond (No. 13)	876 558
" " "	Pond (No. 20)	935-6 557-60
" " "	Pond (No. 24)	958 573
" " "	Catchment (No. C2a)	899 540
" " "	Spring (No. Sp 18)	879 558
" " "	Spring (No. Sp 19)	888 541
Sycamore Canyon	Pond (No. 9)	946 535
" "	Catchment (No. C1a)	908 535
" "	Catchment (No. C3b)	945 536
" "	Spring (No. Sp 22)	918 530
Graveyard Gulch	Catchment (No. C1b)	974 752
Slaughterhouse Wash	Pond (No. 10)	946 586
" "	Pond (No. 11)	928 584
" "	Pond (No. 12)	939 587
" "	Pond (No. 25)	971 589
" "	Catchment (No. C8a)	902 558
" "	Spring (No. Sp 20)	913 557
" "	Spring (No. Sp 21)	931 578

Drainage

Type of Project

Coordinates

Tributary of Babocomari River

Pond (No. 5)

940 554

" " "

Pond (No. 21)

973 568

" " "

Pond (No. 36)

007 656

" " "

Catchment (No. C 2b)

966 543

" " "

Catchment (No. C 4b)

960 630

Tributary of San Pedro River

Pond (No. 37)

968 686

" " " "

Catchment (No. C 10a)

038 731

" " " "

Springs (No. Sp 1)

053 753

Page 10 of 11

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CCH-FE-U (25 May 76)
SUBJECT: Inventory of Water Right Claims - Fort Huachuca

TO CCH-FE-E
ATTN: Mr. Hedgecock

FROM CCH-FE-U

DATE 16 Jun 76 CMT 2
Mr. King/mat/3335

Following information is offered as requested in Comment 1:

Reference Paragraph 3a:

<u>Source</u>	<u>Quantity (Kgal)</u>	<u>Time of Year</u>	<u>Purpose</u>	<u>Date Started</u>
1. Huachuca Canyon Creek	32,709	Continuous	Potable Water	1877
2. Garden Canyon Creek	103,093	"	"	"

1 Incl
nc


ROBERT S. KING
Chief, Utilities Division
Facilities Engineering Directorate

CCH-FE-E

Inventory of Water Right Claims - Fort Huachuca

Building and Grounds

CCH-FE

MAY 25 1976

Utilities

Mr. Hedgcock/ar/3420

1. Reference letter SPLRE-AR-(G) 17 May 1976, subject: Inventory of Water Right Claims in State of Arizona (Incl 1).
2. Request information necessary for reply to subject letter be prepared and forwarded to Engineering Plans and Services Division NLT 9 June 1976 as follows:
 - a. Building and Grounds
 - (1) Map of Fort Huachuca indicating the location of all water sources utilized by Fort Huachuca excluding water wells.
 - (2) Supporting data requested in paragraph 3a, b, d and e of Incl 1 for each water source except those sources feeding the post water supply system.
 - b. Utilities
 - (1) Supporting data requested in paragraph 3a, b, d and e of Incl 1 for each water source supplying the post water system excluding water wells.

1 Incl
as

DAVID D. DROSS
LTC, CE
Director, Facilities Engineering



DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
ARIZONA REAL ESTATE PROJECT OFFICE
2721 NORTH CENTRAL AVENUE, SUITE 1010
PHOENIX, ARIZONA 85004

IN REPLY REFER TO

SPLRE-AR-(G)

17 May 1976

SUBJECT: Inventory of Water Right Claims in State of Arizona

TO: SEE DISTRIBUTION

1. Pursuant to a directive from departmental level, our office is preparing an inventory of water right claims to public waters on military installations throughout the State of Arizona. Said inventory is being prepared in consonance with the Arizona Water Rights Registration Act of 1974, ARS 45-180, et.seq.
2. As defined in the aforesaid legislation "public waters" or "water" means waters of all sources flowing in streams, canyons, ravines or other natural channels or in definite underground channels, whether perennial or intermittent, flood, waste or surplus water, and of lakes, ponds and springs on the surface.
3. The inventory should include the following information:
 - a. The name of the watercourse or water source from which the right to divert or make use of water is claimed.
 - b. The quantities of water and times of year use is claimed.
 - c. The legal description of the point or points of diversion and place of use of the waters.
 - d. The purpose and extent of use.
 - e. The approximate dates of first putting water to beneficial use of various amounts and times claimed in b. above.
 - f. The legal basis for the claim.
4. It is requested that the above information be furnished our office by 1 July 1976.

FOR THE DISTRICT ENGINEER:


B. DAVID REICHARDT
Chief, Arizona Real Estate Office

DISTRIBUTION:
✓ Cdr, Hq, Ft Huachuca, ATTN: CCH-FE-E
Cdr, Yuma Proving Ground, ATTN: STEYP-FEP
Cdr, Navajo Depot Activity, ATTN: AMXNA-HQ
Cdr, Luke Air Force Base, ATTN: DEPR
Cdr, Williams Air Force Base, ATTN: DEPR
Cdr, Davis-Monthan Air Force Base, ATTN: DEPR

USF200007392