DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
ARIZONA REAL ESTATE OFFICE
3636 NORTH CENTRAL AVENUE, SUITE 770
PHOENIX, ARIZONA 85012-1936

REPLY TO
ATTENTION OF

November 13, 1990

CESPL-RE-AR

Mr. F. Patrick Barry
U.S. Department of Justice
Environmental and Natural Resources Division
Indian Resources Section
601 Pennsylvania Avenue, N.W., Rm. 6702
Washington, DC 20004

Dear Mr. Barry:

Pursuant to our telephone conversation this morning, I am forwarding the enclosed finalized comments on the Fort Huachuca section of the preliminary H.S.R. on the San Pedro River Watershed.

If you need our assistance in filing these comments by the November 16 deadline, please call me at 602/640-2016.

Sincerely,

B. David Reichardt
Chief, Arizona Real Estate Office

Encl

CF:
Russ Petit

ARIZONA DEPARTMENT OF WATER RESOURCES

COMMENT FORM
FOR THE
SAN PEDRO RIVER PRELIMINARY HYDROGRAPHIC SURVEY REPORT

Please use this form to submit comments on the Watershed File Report pertaining to your property. You may also submit comments on any other Watershed File Report, or on information contained in any part of the nine volumes of the San Pedro River Preliminary Hydrographic Survey Report. If you agree with the information contained in your Watershed File Report, or do not wish to comment on any other information in the Hydrographic Survey Report, then it is not necessary to return this form. IT IS ONLY NECESSARY TO RETURN THIS FORM IF YOU DISAGREE WITH INFORMATION CONTAINED IN THE REPORT AND WANT TO SUGGEST CHANGES THAT SHOULD BE MADE TO YOUR WATERSHED FILE REPORT, ANOTHER WATERSHED FILE REPORT, OR OTHER INFORMATION IN THE HYDROGRAPHIC SURVEY REPORT.

If you have questions regarding the interpretation of your Watershed File Report, Department of Water Resources personnel are available to answer any questions you may have.

Phoenix metro area
542-1520

Within Arizona, outside Phoenix (toll free)
1-800-352-8488

Outside Arizona
1-602-542-1520

If these comments pertain to a Watershed File Report, please enter the Watershed File Report number (found at the top of the file to the right of the name): WFR #11-F1 (FORT HUACHUCA MILITARY RESERVATION).

Your Name: UNITED STATES OF AMERICA,

Organization Represented: FORT HUACHUCA, ARIZONA

Address: C/O U.S. ARMY CORPS OF ENGINEERS, ARIZONA REAL ESTATE OFFICE,

3636 NORTH CENTRAL AVENUE, SUITE 770, PHOENIX, ARIZONA 85012-1936

Phone Number: 640-2016

Are you the owner of the property listed in the report? U.S. GOVERNMENT PROPERTY

Are you the lessee of the property listed in the report? _____

If you are not the owner, indicate the ownership below:

Owner's Name: _____

Address: _____

_____

Phone Number: _____.

:omments: Our principal concern with the section of the preliminary HSR .ealing with Fort Huachuca is that it does not adequately recognize that Fort :uachuca is a military installation with federal reserved rights to use that ;uantity of water which will be necessary to fulfill all future military :equirements.

hile past water usage may be one indicator of future requirements, it does ot limit or define those future requirements.

iven the character of Fort Huachuca, with its large land base, excellent eteorological conditions, and ability to absorb a large number of additional ission activities, there is a reasonable likelihood that there will be ubstantial (and possibly dramatic) increases in mission activity and opulation through the years.

lthough the increased mission activity at Fort Huachuca can not be forecasted ith precision because of the political, funding, technological development, tc. aspects of military operations, it is not unreasonable to assume that the ıture water requirements will exceed that estimated in the preliminary HSR. e believe that, as a minimum, the projections of the Fort referred to on Page 94 of the HSR should be recognized in the report. Further, the report should ecognize that that quantity of water may not necessarily provide adequate ater during periods of major mobilizations.

ı summary, the report should recognize that during any eventuality, the epartment of Defense must be in a position to utilize its reserved water ;ghts to the fullest extent necessary to fulfill future military requirements : Fort Huachuca.

:t forth on the following five pages are comments addressed to specific ›rtions of the report.

_____ 13 NOVEMBER 1990

B. DAVID REICHARDT, CHIEF, ARIZONA REAL ESTATE OFFICE DATE

Additional pages may be attached if more space is needed. Please use the enclosed envelope to return comments or mail to:

ARIZONA DEPARTMENT OF WATER RESOURCES
ADJUDICATIONS DIVISION
15 SOUTH 15TH AVENUE
PHOENIX, ARIZONA 85007

36. Page 393, Golf course. First sentence, change 1.9 acre feet to 4.4 acre feet. Change calculation to:

$$\frac{\text{4.4 Acre feet per acre X 84.8 acres}}{\text{72 Percent}} = \text{518.22 Acre feet}$$

Last sentence, change 263.7 acre feet to 596.52 acre feet.

37. Page 393, Other Irrigation. Second paragraph, first sentence, change 2.8 acre feet to 2.12 acre feet. Change calculation to:

$$\frac{\text{2.12 Acre feet per acre X 47.87 acres}}{\text{72 Percent}} = \text{140.95 acre feet}$$

38. Page 393, Wildlife. Change 51.6 acre feet to 54.2 acre feet.

39. Page 393, Summary of Total Projected Water Requirements. Change third sentence from 683 acre feet to 840 acre feet and 264, 367, and 52 acre feet to 597, 189, and 54 acre feet. The "fixed" water requirements, i.e., irrigation uses, impoundments, and wildlife usage are not fixed with the possible exception of wildlife usage. The irrigation uses and impoundments will change with the post's mission and construction of future impoundments.

40. The projections by DWR do not recognize the larger quantity of additional water that will be needed in future years due to substantial and dramatic increases in future mission activity at Fort Huachuca.

41. Pages 394-398, Quantification of Significant Diminishment to Fort Huachuca. The scenario involving Well No. 1 may be flawed because the well has a depth of 823 feet rather than 701 feet. In addition, the claimant does not necessarily concur with the factual, methodological, etc. matters stated therein.

42. Pages 399-401, Table 5-65. Change information as indicated in Attachment 6. Attached, as Attachments 7, 8, and 9 are data sheets for the three additions to this table. Attached, as Attachments 10 through 22, are data sheets for potable springs which have been revised to show annual use.

28. Page 387, Current Water Use - 1., Municipal Use. First paragraph, last sentence, change 1,246,148 to 1,795,866. This figure is from Inventory of Real Property - Jul 90. Second paragraph, second sentence, change to read: At one time, both of these springs provided good quality water part of the time to the post. Turbidity problems during rains as well as chlorination problems resulted in the disconnection of these sources from the main distribution system in 1983. Paragraph three, change to read: Water from springs in Garden Canyon, while no longer part of the main municipal supply, is used to fill concrete tanks at the Leadership Reaction Course and for sustaining water levels at the golf course pond and the gravel pit pond.

29. Page 388, Recreation Uses. Paragraph three, first sentence, delete boating. Change last sentence to read: Rainbow trout and catfish, in addition to other fish, are released into lower Garden Canyon pond as part of the Derby Day fishing activities.

30. Page 388, Wildlife Uses. Change second sentence to read: Highlights of their endeavors include establishment of warm water fisheries, wildlife habitat improvement, and protection of rare, threatened, and endangered Arizona and Federal species. Many of these species are plants.

31. Page 389, Figure 5-25. Change township designations from T20S and T23S to T21S and T22S.

32. Page 390, first paragraph, change last line to read: Fort Huachuca has claimed a total of 211,420 lineal feet of non-potable water lines.

33. Page 390, 5., Other Uses. First paragraph, second sentence, change to read: The test wells, two windmills, and one well (well #9) are currently capped. Second paragraph, first sentence, change City of Sierra Vista to Fort Huachuca.

34. Page 391, Figure 5-26 and Page 392, Table 5-63. The projections by DWR do not recognize the larger quantity of additional water that will be needed in future years due to substantial and dramatic increases in future mission activity at Fort Huachuca. Additionally, the figure and the table are already flawed by the fact that the current use exceeds the 1990 projections in three of the columns.

35. Page 392, Chaffee Field, second sentence, change 2.8 acre feet to 5.5 acre feet. Change calculation to:

$$\frac{\text{5.5 Acre feet per acre X 10.25 acres}}{\text{72 Percent}} = \text{78.3 acre feet}$$

COMMENTS ON SPECIFIC PORTIONS OF THE PRELIMINARY HYDROGRAPHIC SURVEY REPORT FOR THE SAN PEDRO RIVER WATERSHED - FORT HUACHUCA MILITARY RESERVATION SECTION - PAGES 366 THROUGH 401

1. Page 366, Location. Change first sentence to read: Fort Huachuca, currently the headquarters of the United States Intelligence Center, is located approximately sixty miles southeast of Tucson, and about fifteen miles north of the International Border with Mexico, as shown in Figure 5-21.

2. Page 366, Climate. Change second sentence from 105 degrees Fahrenheit to 107 degrees Fahrenheit.

3. Page 366, Geography. Second paragraph change 73,344 acres to 73,272 acres.

4. Page 367, Figure 5-21. The State of Arizona lands in the East Range of the installation are not accurately depicted. (See comment regarding Page 368, Figure 5-22).

5. Page 368, Figure 5-22. The State of Arizona lands in the East Range of the installation are not accurately depicted. See Attachment 1 for correct configuration as well as the legal description of the State owned lands.

6. Page 369. Add the following sentence to the Geography section: By deeds in 1982 and 1989, seventy two acres were quitclaimed to the City of Sierra Vista for airport purposes.

7. Page 370, History. Change second sentence to read: Article XI of the treaty provided that the United States would stop Indian raids into Mexico and could cross the international border to pursue Apache raiders. Change fifth sentence to read: Discontent among the Apache tribes had reached such proportions by 1877 that Headquarters, Department of Arizona ordered two troops of cavalry at Fort Lowell into the vicinity of the Huachuca Mountains to establish a temporary camp. Delete all of paragraph two for it has no relevance.

8. Page 371, History. Second paragraph, change second sentence to read: This mission ended with the war and in 1949 the Army turned the post over to the State of Arizona for use by the Arizona Game and Fish Commission as a wildlife reserve and to Arizona National Guard for military use. Change third sentence to read: From 1949 to 1951, the Arizona National Guard and the Arizona Game and Fish Commission had use of the post for their respective missions. The Defense Department reactivated the Fort to train Aviation Engineers in 1951 at the onset of the Korean War.

9. Page 372, History. Second paragraph, change third sentence to read: At present the post is home of the United States Army Intelligence Center as well as the United States Army Information Systems Command, the Department of Defense Joint Element of the Joint Tactical Command, Control and Communications Agency, the 11th Signal Brigade, and the United States Army Communications Security Logistics Activity.

10. Page 372, Statement of Claimants. Change first sentence from 38 springs to 39 springs and from 71 ponds to 74 ponds.

11. Page 373, Table 5-51. Under springs - potable & non-potable, change 25 to 26 under non-potable and change the total to 39. (The table does not include 15b, Moss Springs, amended by the claimant 39-10775.) Under Ponds, change number or effluent evaporation from 7 to 10 and quantity from 25.7 to 38.7. Change total from 71 ponds to 74 ponds and total quantity from 185.9 to 198.9. Reconcile the data in this table with data in corrected Table 5-65. A data sheet on 15b is attached as Attachment 2.

12. Page 374, Table 5-52. Change information on ponds as indicated in Attachment 3.

13. Page 375, Paragraph 2. Delete last sentence. This well is used to fill ponds and is not connected into the potable system as old line has been disconnected.

14. Page 376, Tables 5-54 and 5-55. Change information in these two tables as indicated in Attachment 4.

15. Page 376, text between Tables 5-54 and 5-55, first line. Change seventy-one ponds to seventy-four ponds.

16. Page 377, Surface Water. Second paragraph, fourth sentence, change to read: There are a total of twenty-six non-potable springs which are listed on Table 5-56.

17. Page 378, Table 5-56. Change information as indicated in Attachment 5.

18. Page 379, Table 5-57. Delete 6th entry on table. This was originally claimed as potable, but was changed to non-potable.

19. Page 381, second paragraph. Change last line to read: and calendar year 1982 to 1990.

20. Page 381, Table 5-58. Change the production figures as follows: for 1979 from 2,624 to 2,802; for 1980 from 2,836 to 3,011; for 1981 from 2,996 to 3,146; for 1989 from 2,601 (excludes October - December) to 2,846. Add 1990 -- 2,191

(excludes October - December). Change the text at the bottom of the table to read: Source: Fort Huachuca letters concerning statements of claimant 39-10774 and 39-10775. December 28, 1981, Tab F, revised fiscal year figures and October 17, 1989, enclosure 6, revised calendar year figures.

21. Page 382, Table 5-59. Change under Well No. 1, the depth in feet from 701 to 823.

22. Page 383, Table 5-60. Heading states that the wells identified in the table are all test wells and are located in the East Range. Spatial Resolution Well is not a test well. Post Wells 1, 2, 3, 4, 5, and 6 are not test wells and are not in the East Range. There should be a footnote as to Test Well 5 stating that it became Post Well 8.

23. Page 384, Figure 5-24 and Page 385, Table 5-61. The projections of DWR do not recognize the larger quantity of additional water that will be used in future years due to substantial and dramatic increases in future mission activity at Fort Huachuca. Additionally, the figure and the table are already flawed by the fact that the current production of effluent exceeds the 1990 projections in all columns.

24. Page 385, Historical Water Uses and Sources. Second paragraph, first line, change two springs to read: Sawmill Spring.

25. Page 386, second paragraph, change to read: In 1906, plans were considered to move Fort Huachuca due to acute water shortages. No actions were taken, however to move Fort Huachuca. In 1911 with an increase in troop strength, plans were made to complete a pipeline from Garden Canyon to the main post. This pipeline was completed in October 1911. Subsequently, the Army built collection works near the junction of Garden and McClure Canyons with small pipelines running up the canyons to several springs. The water was conveyed some seven miles from the collection works to the post's 250,000 gallon masonry storage reservoir and a small 4000 gallon capacity tank located near Carnahan Hill.

26. Page 386, fourth paragraph, first sentence, change to read: In 1936, a large well was installed that tapped into the regional groundwater aquifer.

27. Page 386, fifth paragraph, second sentence, change to read: During this four year period the reservation was used as a wildlife reserve by the Arizona Game and Fish Commission and for military training by the Arizona National Guard.

28. Page 387, Current Water Use - 1., Municipal Use. First paragraph, last sentence, change 1,246,148 to 1,795,866. This figure is from Inventory of Real Property - Jul 90. Second paragraph, second sentence, change to read: At one time, both of these springs provided good quality water part of the time to the post. Turbidity problems during rains as well as chlorination problems resulted in the disconnection of these sources from the main distribution system in 1983. Paragraph three, change to read: Water from springs in Garden Canyon, while no longer part of the main municipal supply, is used to fill concrete tanks at the Leadership Reaction Course and for sustaining water levels at the golf course pond and the gravel pit pond.

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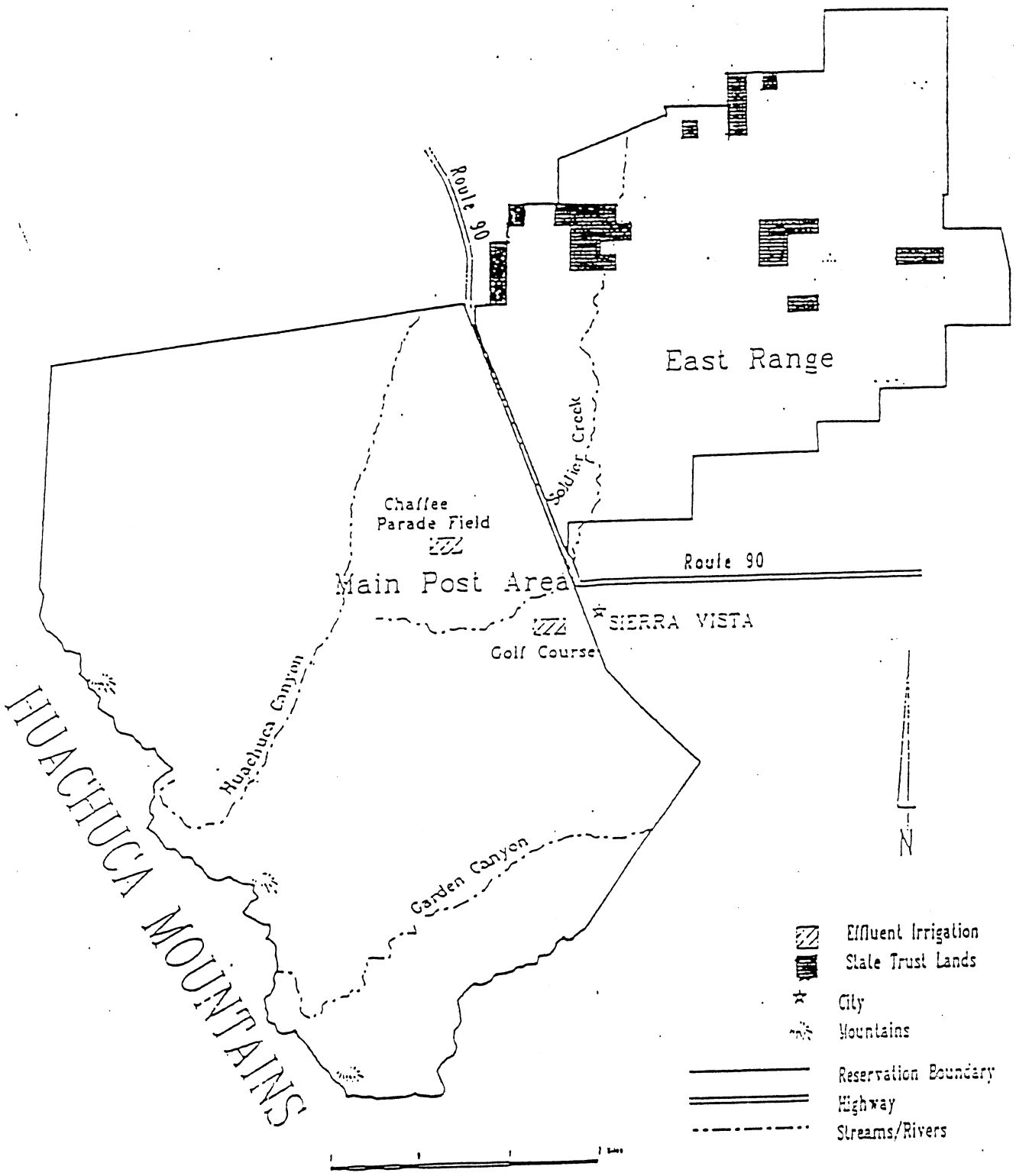

Figure 5-22. Boundary of Fort Huachuca, including state trust lands

STATE OWNED LANDS
EAST RANGE
FT. HUACHUCA, ARIZONA

LEGAL DESCRIPTIONS

TRACT A-108

E½SE¼ of Sec. 5 and E½NE¼ of Sec. 8, T-21-S, R-20-E, G&SRM, Cochise County, Arizona, containing 160.00 acres, more or less.

NOTE. This tract is subject to a reservation of mineral rights by the United States.

TRACT A-109

Lot 4 of Sec. 4, T-21-S, R-20-E, G&SRM, Cochise County, Arizona, containing 53.76 acres, more or less.

TRACT A-110

Lot 1 of Sec. 4; Lots 2, 3 and 4 of Sec. 3; S½NE¼, SW¼SE¼, S½NW¼, and SW¼ of Sec. 3, all in T-21-S, R-20-E, G&SRM, Cochise County, Arizona, containing 573.89 acres, more or less.

TRACT A-111

SE¼SW¼ of Sec. 26, T-20-S, R-20-E, G&SRM, Cochise County, Arizona, containing 40.00 acres, more or less.

NOTE. This tract is subject to a reservation of mineral rights by the United States.

TRACT A-112

W½W½ of Sec. 25, T-20-S, R-20-E, G&SRM, Cochise County, Arizona, containing 160.00 acres, more or less.

TRACT A-113

NW¼NE¼ of Sec. 25, T-20-S, R-20-E, G&SRM, Cochise County, Arizona, containing 40.00 acres, more or less.

TRACT A-114

Lots 5, 6 and 7, SE¼NW¼, E½SW¼, and S½NE¼ of Sec. 6, T-21-S, R-21-E, G&SRM, Cochise County, Arizona, containing 308.82 acres, more or less.

TRACT A-115

S½SE¼ and SE¼SW¼ of Sec. 4, T-21-S, R-21-E, G&SRM, Cochise County, Arizona, containing 120.00 acres, more or less.

TRACT A-116

N½SE¼ of Sec. 7, T-21-S, R-21-E, G&SRM, Cochise County, Arizona, containing 80.00 acres, more or less.

The above nine tracts aggregate 1,536.47 acres, more or less.

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Claim No. 39-10775 Date Inspected Jun/Jul 89

1. Water Inventory I.D. 15b-Moss Falls Springs and Arizona Department of Water Resources I.D. _____.

2. Priority Date 1989 (1st use 1877).

3. County Cochise. 4. USGS Quad Name Pyeatt Ranch, AZ.

5. Location NESESE 22 22S 19E. 6. Elevation 6,800 feet.

7. Claimed Use Wildlife.

8. Diversion Spring.

9. Water Course or Source Spring from Morita Formation-Bisbee Gp-Cretaceous.

10. Annual Use unknown.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12 Comments _____.

Location Map

nw ne nw se sw	nw ne ne se sw	nw ne nw se sw	nw ne ne se sw	nw ne nw se sw	nw ne ne se sw	nw ne nw se sw	nw ne ne se sw
NW				NE			
nw ne sw se sw	nw ne se se * sw	nw ne sw se sw	nw ne se se * sw	nw ne sw se sw	nw ne se se sw	nw ne sw se sw	nw ne se se sw
nw ne nw se sw	nw ne ne se sw	nw ne nw se sw	nw ne ne se sw	nw ne nw se sw	nw ne ne se sw	nw ne nw se sw	nw ne ne se sw
SW				SE			
nw ne sw se sw	nw ne se se sw	nw ne sw se sw	nw ne se se sw	nw ne sw se sw	nw ne se se sw	nw ne sw se sw	nw ne se se sw

Attach 2

TABLE 5-52

FORT HUACHUCA
CLAIMED DATES OF FIRST USE

FACILITIES	LOCATION	FIRST USE
Wells		
#1	NW¼, NW¼, Sec. 03, T.22S., R.20E.	1940
#2	NW¼, NW¼, Sec. 03, T.22S., R.20E.	1941
#3	NE¼, SE¼, Sec. 33, T.21S., R.20E.	1943
#4	NW¼, NE¼, Sec. 33, T.21S., R.20E.	1943
#5	NE¼, SW¼, Sec. 28, T.21S., R.20E.	1943
#6	NW¼, SE¼, Sec. 33, T.21S., R.20E.	1959
#7	NW¼, NW¼, Sec. 22, T.21S., R.20E.	1982
#8	SE¼, NE¼, Sec. 16, T.21S., R.20E.	1982
East Rg. Bunker	SE¼, NW¼, Sec. 07, T.21S., ~~R.20E.~~ R21E.	1958
Garden Canyon	SE¼, SE¼, Sec. 29, T.22S., R.20E.	1930
Rembess #1	SW¼, NE¼, Sec. 25, T.21S., R.20E.	1978
Rembess #2	NW¼, NE¼, Sec. 23, T.21S., R.20E.	1978
Spatial Resolution	NW¼, NW¼, Sec. 22, T.21S., R.20E.	1964
Windmill #1	SE¼, SW¼, Sec. 34, T.20S., R.20E.	1910
Windmill #2	SE¼, SW¼, Sec. 27, T.20S., R.20E.	1905
Test Well #1	SW¼, SE¼, Sec. 20, T.21S., R.20E.	1971/2
Test Well #2	SW¼, NW¼, Sec. 30, T.21S., R.20E.	1971/2
Test Well #3	NE¼, NE¼, Sec. 16, T.21S., R.20E.	1971/2
Test Well #4	SE¼, NE¼, Sec. 15, T.21S., R.20E.	1971/2
Test Well #6	SW¼, SW¼, Sec. 35, T.20S., R.20E.	1973
Test Well #7	SW¼, NW¼, Sec. 11, T.21S., R.20E.	1973
Test Well #8	NW¼, SW¼, Sec. 13, T.21S., R.20E.	1973
Test Well #9	SW¼, NW¼, Sec. 17, T.21S., R.21E.	1973
Well #9	SW¼, NW¼, Sec. 10, T.21S., R.20E.	1930
Garden Windmill	NE¼, NW¼, Sec. 32, T.22S., R.20E.	
Springs		
Potable	Various locations	1877
Non-potable	Various locations	1954

SRP394

TABLE 5-52 (CONTINUED)

FORT HUACHUCA
CLAIMED DATES OF FIRST USE

FACILITIES	LOCATION	FIRST USE
Ponds		
All, except as shown below		1954
Dam (SE NW 21 20S 21E)	NE¼, NW¼, Sec. 21, T.20S., R.21E.	1976 R
Dam (SW SE 18 21S 21E)	~~NE¼~~, SE¼, Sec. 18, T.21S., R.21E.	1976? B*
Dam (NE SW 17 21S 21E)	NW ~~NE¼~~, SW¼, Sec. 17, T.21S., R.21E.	1977 G
Dam (SW NW 20 21S 21E)	SW¼, NW¼, Sec. 20, T.21S., R.21E.	1977 F
Dam (NW NW 20 21S 21E)	NW¼, ~~SW¼~~ NE, Sec. 20, T.21S., R.21E.	1977 E
Dam (SE NE 19 21S 21E)	NW~~SE¼~~, NE¼, Sec. ~~19~~ 20, T.21S., R.21E.	1977 D
Dam (SE SE 18 21S 21E)	NE~~SE¼~~, SE¼, Sec. 18, T.21S., R.21E.	1977 B*
Dam (NE SW 10 21S 20E)	SE~~NE¼~~, ~~SW¼~~, Sec. 10, T.21S., R.20E.	1977 J
Dam (SE NW 10 21S 20E)	SE¼, NW¼, Sec. 10, T.21S., R.20E.	1977 I
Dam (SE NE 10 21S 20E)	SE¼, NE¼, Sec. 10, T.21S., R.20E.	1977 H
Dam (SE SE 03 21S 20E)	NE~~SE¼~~, ~~NE~~ SE¼, Sec. 03, T.21S., R.20E.	1977 K
Dam (NE NE 09 21S 20E)	NE¼, NE¼, Sec. 09, T.21S., R.20E.	1977 L
Sediment (NE SE 22 21S 20E)	NW~~SE¼~~, SE¼, Sec. ~~22~~ 21, T.21S., R.20E.	1978 34A
Sediment (SE NE 21 21S 20E)	SE¼, NE¼, Sec. 21, T.21S., R.20E.	1978 34B
Sediment (NE NE 21 21S 20E)	NE¼, NE¼, Sec. 21, T.21S., R.20E.	1978 34C
Sediment (NW NW 15 21S 20E)	SW NW¼, NW¼, Sec. 15, T.21S., R.20E.	1978 34D
Dam (NW NE 36 21S 19E)	NW¼, NE¼, Sec. 36, T.21S., R.19E.	1979 M
Dam (NE NE 28 22S 20E)	NE¼, NE¼, Sec. 28, T.22S., R.20E.	1979 N
Dam (NW SW 16 22S 20E)	NW¼, SW¼, Sec. 16, T.22S., R.20E.	1979
Dam (NW NE 16 22S 20E)	NW¼, NE¼, Sec. 16, T.22S., R.20E.	1979
Dam (NW SW 10 22S 20E)	NW¼, SW¼, Sec. 10, T.22S., R.20E.	1979
Dam (SE NW 16 21S 19E)	SE¼, NW¼, Sec. 16, T.21S., R.19E.	Prior 1975
Dam (NE SW 29 21S 19E)	NE¼, SW¼, Sec. 29, T.21S., R.19E.	Prior 1975
Dam (NE SW 21 22S 19E)	NE¼, SW¼, Sec. 21, T.22S., R.19E.	Prior 1975
Dam (SW SW 16 21S 20E)	SW¼, SW¼, Sec. 16, T.21S., R.20E.	Prior 1975
Dam (NE SE 10 21S 20E)	NE¼, SE¼, Sec. 10, T.21S., R.20E.	Prior 1975
Dam (SW NE 21 21S 20E)	SW¼, NE¼, Sec. 21, T.21S., R.20E.	Prior 1975
Dam (NE SE 21 21S 20E)	NE¼, SE¼, Sec. 21, T.21S., R.20E.	Prior 1975
Dam (SE SW 06 22S 20E)	SE¼, SW¼, Sec. 06, T.22S., R.20E.	Prior 1975
Dam (NW NE 04 22S 20E)	NW¼, NE¼, Sec. 04, T.22S., R.20E.	Prior 1975
Dam (SE SE 10 21S 21E)	SE¼, SE¼, Sec. 10, T.21S., R.21E.	Prior 1975
Dam (NW NE 28 22S 20E)	NW¼, SE¼, Sec. 28, T.22S., R.20E.	1984
*Sediment (NE SE 33 21S 20E)	NE¼, SE¼, Sec. 33, T.21S., R.20E.	

* Not recognized by DWR as separate facility, along with facilities 33 and 32a both having first use of 1954.

Initially Fort Huachuca listed 10 effluent evaporation ponds for a total of 73 ponds at Table 5-51, page 373. DWR stated that the facilities 32a, 32b, and 33 were not identified on Table 5-65 because they are a part of the post's sewage treatment plants. These three facilities are identified separately on the Statement of Claimant 39-10775.

TABLE 5-54

FORT HUACHUCA
POTABLE SPRING LOCATIONS IN GARDEN AND HUACHUCA CANYONS

NAME	CLAIMED LOCATION	WATERCOURSE
Spring #1	NW¼, SW¼ Sec. 14, T.22S., R.19E.	Huachuca Canyon
Spring #2	NW¼, SW¼ Sec. 14, T.22S., R.19E.	Huachuca Canyon
Spring #3	NE¼, NE¼ Sec. 22, T.22S., R.19E.	Huachuca Canyon
Spring #3a	NE¼, NE¼ Sec. 22, T.22S., R.19E.	Huachuca Canyon
Spring #4	NE¼, NE¼ Sec. 22, T.22S., R.19E.	Huachuca Canyon
Picnic Spring	NE¼, SW¼ Sec. 31, T.22S., R.20E.	Garden Canyon
Chain Spring	SW¼, SW¼ Sec. 31, T.22S., R.20E.	Garden Canyon
Spring #1	SE¼, SE¼ Sec. 36, T.22S., R.19E.	Garden Canyon
Spring #1a	NE ~~SE¼~~ N ~~SE¼~~ Sec. 01 ~~36~~, T.23 ~~22S~~., R.19E.	Garden Canyon
Spring #1b	SE ~~NE¼~~ S ~~NE¼~~ Sec. 01 ~~36~~, T.23 ~~22S~~., R.19E.	Garden Canyon
Spring #2	NE¼, SW¼ Sec. 01, T.23S., R.19E.	Garden Canyon
Spring #3	NE¼, SW¼ Sec. 01, T.23S., R.19E.	Garden Canyon
Spring #4	SW¼, SW¼ Sec. 01, T.23S., R.19E.	Garden Canyon

As stated previously, Fort Huachuca claimed seventy-four ~~seventy-one~~ ponds. DWR staff were able to verify all of these impoundments by aerial photography or field investigations. Of this total, sixteen impoundments were surveyed and are shown in Table 5-55.

TABLE 5-55

FORT HUACHUCA
SUMMARY OF SURVEYED IMPOUNDMENTS

NAME	NUMBER	LOCATION	AREA (ACRES)	CAPACITY (ACRE-FEET
Antelope	PS1	Sec. 16, T.21S., R.19E.	2.6	26.4
Sycamore	PS2	Sec. 20, T.21S., R.19E.	3.9	38.8
Hidden	PS3	Sec. 28, T.21S., R.19E.	2.1	22.5
Golf Course	PS4	Sec. 09, T.22S., R.20E.	7.6	59.7
Gravel Pit	PS5	Sec. 17, T.22S., R.20E.	7.0	57.4
Lower Antelope	SP4	Sec. 16, T.21S., R.19E.	2.2	14.9
Sycamore II	SP5	Sec. 29, T.21S., R.19E.	1.5	10.5
Sediment (34d)	SP12	Sec. 15, T.21S., R.20E.	9.5	29.6
Sediment (34c)	SP15	Sec. 21, T.21S., R.20E.	2.5	6.0
#3 Sewage	SP16	Sec. 21, T.21S., R.20E.	3.5	11.0
Sediment (34a)	SP18	Sec. 21, T.21S., R.20E.	2.8	12.0
#2 Sewage	SP19	Sec. 21, T.21S., R.20E.	3.3	5.5
Lower Woodcutter	~~SP29~~ SP35	Sec. 09 ~~16~~, T.22 ~~21S~~., R.20E.	2.5	20.7
Woodcutter	SP31	Sec. 16, T.22S., R.20E.	1.8	8.4
(H' Lower Garden	SP40	Sec. 28, T.22S., R.20E.	2.4	16.9
H. Garden Canyon	SP41	Sec. 28, T.22S., R.20E.	4.1	27.1
		TOTAL	59.3	367.4

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TABLE 5-56

FORT HUACHUCA
NON-POTABLE SPRINGS

NAME	LOCATION	WATER COURSE
Spring #2	NE¼, ~~SW¼~~ SE, Sec. 33, T.22S., R.20E.	Tinker Canyon
Spring #3	NE ~~SW¼~~, SE ~~SW¼~~, Sec. 33, T.22S., R.20E.	Tinker Canyon
Spring #4	SW¼, SW¼, Sec. 07, T.23S., R.20E.	Sawmill Canyon
Spring #5	NE¼, SE¼, Sec. 35, T.22S., R.19E.	McClure Canyon
Spring #6	SE ~~NW¼~~, SW ~~SE¼~~, Sec. 36, T.22S., R.19E.	McClure Canyon
Spring #7	SW¼, NW¼, Sec. 36, T.22S., R.19E.	McClure Canyon
Spring #8	SW¼, SE ~~NW¼~~, Sec. ~~31~~ 25, T.22S., R. ~~20E~~ 19.	Garden Canyon
Spring #9	NW¼, SE¼, Sec. 25, T.22S., R.19E.	Woodcutters Canyon
Spring #10	SW¼, SW¼, Sec. 19, T.22S., R.20E.	Woodcutters Canyon
Spring #11	NE¼, SW¼, Sec. 20, T.22S., R.20E.	~~Soldier Creek~~ Woodcutters Canyon
Spring #12	NE¼, SE¼, Sec. 07, T.22S., R.20E.	Soldier Creek
Spring #13	SW¼, SW¼, Sec. ~~07~~ 13, T.22S., R.19E.	~~Huachuca Canyon~~ Soldier Creek
Spring #14	SW ~~NW¼~~, NE¼, Sec. 27, T.22S., R.19E.	Huachuca Canyon
Spring #15	NW¼, SE¼, Sec. 22, T.22S., R.19E.	Huachuca Canyon
Spring #16	NW¼, SW¼, Sec. 14, T.22S., R.19E.	Huachuca Canyon
Spring #17	SE¼, NW¼, Sec. 15, T.22S., R.19E.	Huachuca Canyon
Spring #18	NW¼, NE¼, Sec. 16, T.22S., R.19E.	Blacktail Canyon
Spring #19	SE¼, NE¼, Sec. 08, T.22S., R.19E.	Blacktail Canyon
Spring #20	NW¼, NE¼, Sec. 04, T.22S., R.19E.	Slaughterhouse Canyon
Spring #21	SW¼, SW¼, Sec. 26, T.21S., R.19E.	Slaughterhouse Canyon
Spring #22	NW¼, SW¼, Sec. 32, T.21S., R.19E.	Sycamore Canyon
Spring #23	SE ~~NE¼~~, NW ~~SW¼~~, Sec. 21 ~~32~~, T. 22 ~~21~~S., R. 20 ~~19~~E.	Tributary of Garden Wash
Spring #24	NW¼, NW¼, Sec. 07, T.23S., R.20E.	Sche~~Pl~~elite Canyon [Sheelite]
Spring #25	SE ~~SW¼~~, SW¼, Sec. 36, T.22S., R.19E.	Tributary of McClure Canyon
Cabin Spring	SW¼, SW¼, Sec. 01, T.23S., R.19E.	Garden Canyon
Spring #15b	SE¼, SE¼, Sec. 22, T.22S., R.19E.	Huachuca Canyon

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TABLE 5-65

UNITED STATES ARMY COMMUNICATIONS COMMAND
FORT HUACHUCA
11-71
COMPARISON OF CLAIMANT INFORMATION WITH DWR FINDINGS

CLAIMED INFORMATION								DWR FINDINGS								
STATEMENT OF CLAIMANT	SOURCE	LOCATION	CLAIMED USE	NAME	WATERCOURSE	1980 ANNUAL USE (AC-FT)	WATER USE #	POD #	WATER USE TYPE	USE STATUS	USE LOCATION	POD LOCATION	ACREAGE OR CAPACITY (AC-FT)	MAP
39-10774	• Well	NWSESE 29 22S 20E	HL	DW	Garden Canyon	4.4								
	Well	NWSWSE 20 21S 20E	Test	Test #1		-100-		W09	Capped	Unused		NWSESE 29 22S 20E		
	Well	NESESWNW 30 21S 20E	Test	Test #2				W12	Capped	Unused		NWSWSE 20 21S 20E		
	Well	NENENE 16 21S 20E	Test	Test #3				W13	Capped	Unused		NESESWNW 30 21S 20E		
	Well	SWSENE 15 21S 20E	Test	Test #4				W14	Capped	Unused		NENENE 16 21S 20E		
	Well	SESWSW 35 20S 20E	Test	Test #6				W15	Capped	Unused		SWSENE 15 21S 20E		
	Well	SESWNW 11 21S 20E	Test	Test #7				W16	Capped	Unused		SESWSW 35 20S 20E		
	Well	NWNWSW 13 21S 20E	Test	Test #8				W17	Capped	Unused		SESWNW 11 21S 20E		
	Well	SWSWNW 17 21S 21E	Test	Test #9				W18	Capped	Unused		NWNWSW 13 21S 20E		
	• Well	NWSENW 07 21S 21E	HL	Erb	Graveyard Gulch	-1.5		W19	Capped	Unused		SWSWNW 17 21S 21E		
	Well	SWNWNW 10 21S 20E	HL	Well #9	Soldier Creek			W20	HL	Source A Well		NWSENW 07 21S 21E		
	Well	SWNWNW 22 21S 20E	HL	SP	Soldier Creek	67		W21	Capped	Unused		SWNWNW 10 21S 20E		
	Well	NESWNE 26 21S 20E	HL	WA1	Graveyard Gulch	-1.8		W22	HL	Source A Well		SENWNW 22 21S 20E		
SWSESE 14	Well	NENWNE 23 21S 20E	HL,IR	WA2	Graveyard Gulch	-1.3	IR02	W10	HL,IR	Verified	See Text/Map	NESWNE 26 21S 20E	47.9	111-20 CDD
	SPR	NWSW 14 22S 19E	HU	Spring #1	Huachuca Canyon	5.34		W11	HL,IR	Verified	See Text/Map	NWNENE 23 21S 20E	SWSESE 14	111-20 CDA
	SPR	NWSW 14 22S 19E	HU	Spring #2	Huachuca Canyon	5.34	HU01	S01	HU	Verified		NWSW 14 22S 19E		111-21
	SPR	NENE 22 22S 19E	HU	Spring #3	Huachuca Canyon	5.34		S02	HU	Verified		NWSW 14 22S 19E		111-21
	SPR	NENE 22 22S 19E	HU	Spring #3a	Huachuca Canyon	5.34		S03	HU	Verified		NENE 22 22S 19E		111-22
	SPR	NENE 22 22S 19E	HU	Spring #4	Huachuca Canyon	5.34		S04	HU	Verified		NENE 22 22S 19E		111-22
	SPR	NESW 31 22S 20E	HU	Picnic Spring	Garden Canyon	11.99		S05	HU	Verified		NENE 22 22S 19E		111-22
	SPR	SWSW 31 22S 20E	HU	Chain Spring	Garden Canyon	11.99		S07	HU	Verified		NENE 22 22S 19E		111-22
	SPR	SESE 36 22S 19E	HU	Spring #1	Garden Canyon	11.99		S08	HU	Verified		NESW 31 22S 20E		111-23
	• SPR	SESE 36 22S 19E	HU	Spring #1b	Garden Canyon	11.99		S09	HU	Verified		SWSW 31 22S 20E		111-23
	• SPR	NENE 01 23S 19E	HU	Spring #1a	Garden Canyon	11.99		S10	HU	Verified		SESE 36 22S 19E		111-23
	• SPR	NESW 01 23S 19E	HU	Spring #3	Garden Canyon	11.99	HU01	S11	HU	Verified	SESE 36 23S 19E	NENE 01 23S 19E		111-23
	• SPR	NESW 01 23S 19E	HU	Spring #2	Garden Canyon	11.99		S12	HU	Verified		NENE 01 23S 20E	19E	111-23
	SPR	SWSW 01 23S 19E	HU	Spring #4	Garden Canyon	11.99		S13	HU	Verified		NESW 01 23S 19E		111-23
	• Well	NESENE 16 21S 20E	DM,HL	Well #8	Soldier Creek	486		S14	HU	Verified		NESW 01 23S 19E		111-23
	• Well	NWNWNW 22 21S 20E	DM,HL	Well #7	Soldier Creek	486		W01	HU	Verified		SWSW 01 23S 19E		111-23
	Well	SWNESW 28 21S 20E	DM,HL	Well #5	Soldier Creek	43		W02	HU	Verified		NESENE 16 21S 20E		111-20
	Well	NENWNE 33 21S 20E	DM,HL	Well #4	Soldier Creek	546		W03	HU,HL	Verified		NE 22 21S 20E		111-20
	Well	NWNWSE 33 21S 20E	DM,HL	Well #6	Soldier Creek	754		W04	HU,HL	Verified		SWNESW 28 21S 20E		111-20
	Well	NWNESE 33 21S 20E	DM,HL	Well #3	Soldier Creek	238		W05	HU,HL	Verified		NENWNE 33 21S 20E		111-20
	Well	NWNWSW 03 22S 20E	DM,HL	Well #1	Soldier Creek	276		W06	HU,HL	Verified		NWNWSE 33 21S 20E		111-20
	Well	NWNWNW 03 22S 20E	DM,HL	Well #2	Soldier Creek	368		W07	HU,HL	Verified		NWNESE 33 21S 20E		111-20
								W08	HU,HL	Verified		NWNWNW 03 22S 20E		111-21
39-10775	• EIF		IR	Golf Course	11									111-21
	• EIF		IR	Chaffee Field	12			E01	DC	Verified	See Text	SENESE 33 21S 20E	84.8	
	Well	NESESW 34 20S 20E	HL	WA1	Soldier Creek			E02	IR	Verified	See Text	SWSWSE 28 21S 20E	10.3	
	Well	SWSESW 27 20S 20E	HL	WA2	Soldier Creek			W23	Capped	Unused		NESESW 34 20S 20E		
	Well	NENENW 32 22S 20E	HL	DW	Garden Canyon			W24	Capped	Unused		SWSESW 27 20S 20E		
								W25	HL	Source A Well		NE SWNENW 32 22S 20E		
	Dam	NWSW 16 21S 19E	RC,WL	Antelope (19)	Baboconari	4.8		PS01	RC,WL	Verified	NWSW 16 21S 19E		26.4	111-19
	Dam	SESW 20 21S 19E	RC,WL	Sycamore (9)	Sycamore Canyon	6		PS02	RC,WL	Verified	SESW 20 21S 19E		38.0	111-19
	Dam	SENW 28 21S 19E	RC,WL	Hidden (5)	Blacktail Canyon	5.6		PS03	RC,WL	Verified	SENW 28 21S 19E		22.5	111-19
	Dam	NWNE 09 22S 20E	RC,WL	Golf Course (2)	Soldier Creek	14.4		PS04	RC,WL	Verified	NWNE 09 22S 20E		59.7	111-19
	Dam	NESE 17 22S 20E	RC,WL	Gravel Pit (1)	Woodcutter Canyon	11.5		PS05	RC,WL	Verified	NESE 17 22S 20E		57.4	111-21
	• Dam	NENE 03 21S 20E	EC,FC	(k)	Soldier Creek	0.5		SP01	WL,EC,FC	Verified	NENE 03 21S 20E			111-21
	Dam	NENE 09 21S 20E	EC,FC	(l)	Soldier Creek	0.5		SP02	WL,EC,FC	Verified	NENE 09 21S 20E			111-20
	Dam	SENW 21 20S 21E	WL	(r)	San Pedro	0.3		SP03	WL	Verified	NENW 21 20S 21E			111-20
	• Dam	SE SWNW 16 21S 19E	WL	Lower Antelope (41)	Baboconari	6.0		SP04	WL	Verified	SE SWNW 16 21S 19E			111-20
	• Dam	NESW 29 21S 19E	WL	Sycamore II (4)	Sycamore	1.0		SP05	WL	Verified	NESW 29 21S 19E		14.9	111-19
	• Dam	SWNE 26 21S 19E	EC,FC	Buffalo Corral (12)	Coyote Canyon	0.5		SP06	WL	Verified	SWNE 26 21S 19E		10.5	111-19
	• Dam	SWNE 31 21S 19E	EC,FC	(39a)	Sycamore	0.5		SP07	WL,EC,FC	Verified	SWNE 31 21S 19E			111-19
	• Dam	NWSE 21 22S 19E	RC,WL	West Huachuca (14)	Huachuca Canyon	0.7		SP08	WL	Verified	SWNE 21 22S 19E			111-20
	Dam	SESE 07 21S 20E	EC,FC	Lower Huachuca (23)	Huachuca Canyon	4.8		SP09	WL,EC,FC	Verified	SESE 07 21S 20E			111-22
														111-20

TABLE 5-65 (cont'd)

CLAIMED INFORMATION							DWR FINDINGS							
STATEMENT OF CLAIMANT	SOURCE	LOCATION	CLAIMED USE	NAME	WATERCOURSE	1988 ANNUAL USE 1	WATER USE 1	POD 1	WATER USE TYPE	USE STATUS	USE LOCATION	POD LOCATION	ACREAGE OR CAPACITY (AC-FT)	MAP
	Dam	~~NWSE 18 21S 20E~~ ok	WL		Huachuca Canyon	0.5	SP10		WL	Verified	NWSE 18 21S 20E			111-20
	Dam	SENE 10 21S 20E	EC,FC		Soldier Creek	0.5	SP11		WL,EC,FC	Verified	SWNE 10 21S 20E			111-20
	Dam	SWNW 15 21S 20E	SC	Sediment (34d)	Soldier Creek	4	SP12		WL,EC,FC,S	Verified	SWNW 15 21S 20E			111-20
	Dam	SENE 14 21S 20E	EC,FC	East #3 (37)	San Pedro	3.7	SP13		WL,EC,FC	Verified	SENE 14 21S 20E		29.6	111-20
	Dam	SWSW 16 21S 20E	WL	Gale #5 (44)	Soldier Creek	.4	SP14		WL	Verified	SWSW 16 21S 20E			111-20
	Dam	NENE 21 21S 20E	SC	Sediment (34c)	Soldier Creek	1.0	SP15		WL,EC,FC	Verified	~~SESE 16 21S 20E~~ NENE 21 21S 20E			111-20
	Dam	NE ~~NWSE~~ 10 21S 20E	SC	#3 Sewage (46)	Soldier Creek	2.32	SP16		SC	Verified	~~NWSE~~ 21 21S 20E SWNE		6.0	111-20
	Dam	NWSE 21 21S 20E	WL	Pond (45)	Soldier Creek	.4	SP17		EC,WL	Verified	NWSE 10 21S 20E		11.0	111-20
	Dam	PE ~~SESE~~ 21 21S 20E	SC	Sediment (34a)	Soldier Creek	1.7	SP18		WL,SC	Verified	NWSE 21 21S 20E			111-20
	Dam	SESE 21 21S 20E	WL	#2 Sewage (47)	Soldier Creek	.9	SP19		WL	Verified	NE SWSE 21 21S 20E			111-20
	Dam	NWNE 36 21S 19E	SC	Sediment #3 (34)	Soldier Creek	16.5	SP20		SC,WL	Verified	SE SWSE 21 21S 20E		5.5	111-20
	Dam	NESW 27 21S 20E	EC,FC,RC	(n)	Huachuca Wash	2.8	SP21		WL,EC,FC	Verified	NWNE 36 21S 19E			111-20
	Dam	SE ~~SWSW~~ 06 22S 20E	EC,FC	East #4 (38)	Soldier Creek	4.1	SP22		WL,EC,FC	Verified	NESW 27 21S 20E			111-20
	Dam	SW ~~SESW~~ 06 22S 20E	EC,FC	Lower Fly (2)	Soldier Creek	6.0 ~~0.8~~	SP23		WL,EC,FC	Verified	SESW 06 22S 20E			111-20
	Dam	SESW 06 22S 20E	RC,WL	Fly (8)	Soldier Creek	0.9	SP24		WL,EC,FC	Verified	SE SESW 06 22S 20E			111-20
	Dam	SESW 06 22S 20E	WL,EC	Horse Pasture (48)	Soldier Creek	.9	SP25		WL,EC	Verified	SESW 06 22S 20E			111-21
	Dam	NWSW ~~SWNW~~ 10 22S 20E	WL,EC,FC	L Horse Pasture (29)	Soldier Creek	.8	SP26		WL,EC,FC	Verified	SESW 06 22S 20E			111-21
	Dam	SENE 13 22S 19E	EC,FC	Lower Woodcutter (10)	Woodcutter Canyon	24.5	SP29		WL,EC,FC	Verified	SESW 06 22S 20E			111-21
	Dam	NWNE ~~NWSW~~ 16 22S 20E	EC,FC	Upper Soldier (7)	Rock Spring Creek	1.6	SP30		WL,EC,FC	Verified	~~SWNW~~ 10 22S 20E NWSW			111-21
	Dam	NWNE 15 22S 20E	EC,FC	Woodcutter (1b)	Woodcutter Canyon	2.6	SP31		WL,EC,FC	Verified	SENE 13 22S 19E		20.7	111-21
	Dam	NWSW ~~NWNE~~ 16 22S 20E	EC,FC,RC	(p)	Garden Canyon	0.5	SP32		WL,EC,FC	Verified	NWNE 16 22S 20E			111-21
	Dam	NESW 20 22S 20E	EC,FC	Woodcutter (1a)	Woodcutter Canyon	2	SP33		WL,EC,FC,RC	Verified	~~SENW~~ 15 22S 20E		8.4	111-21
	Dam	NW SWNE 10 22S 20E	EC,FC	Upper Woodcutter (17)	Woodcutter Canyon	2	SP34		WL,EC,FC	Verified	NESW 16 22S 20E NWSW			111-21
	Dam	SESE 10 21S 21E	WL	Woodcutter (1c)	Woodcutter Canyon	2.0 ~~4.5~~	SP35		WL,EC,FC	Verified	NESW 20 22S 20E			111-21
	Dam	NWNE ~~NWNW~~ 20 21S 21E	EC,FC	Ponds (51)	San Pedro	3.0	SP36		WL	Verified	AWS SWNE 10 22S 20E			111-21
	Dam	SWNW 20 21S 21E	EC,FC	(s)	Graveyard Gulch	0.5	SP37		WL,EC,FC	Verified	SESE 10 21S 21E			111-21
	Dam	SWSW 23 22S 20E	EC,FC	(t)	Graveyard Gulch	0.5	SP38		WL,EC,FC	Verified	NWNE 20 21S 21E			111-20
	Dam	NENE 28 22S 20E	EC,FC,RC	Lower Garden (26)	Garden Canyon	3	SP39		WL,EC,FC	Verified	SWNW 20 21S 21E			111-20
	Dam	NWNE 28 22E 20E	RC,WL	(n)	Garden Wash	5.2	SP40		WL,EC,FC	Verified	~~SESE 22 22S 20E~~ SWSW 23 22S 20E			111-20
	Dam	SESW 33 22S 20E	WL	H Garden Canyon (52)	Garden Wash	8.5	SP41		WL,EC,FC	Verified	NENE 28 22S 20E			111-21
	Dam	NESW 21 22S 19E	WL,EC	Linker (a)	Garden Canyon	0.5	SP42		RC,WL	Verified	NWNE 28 22S 20E		16.9	111-21
	Dam	SESE 02 23S 19E	EC,FC	W Huachuca #2 (43)	Rough Canyon	.3	SP43		WL	Verified	SESW 33 22S 20E		27.1	111-21
	Dam	SESE 31 21S 19E	WL,EC,FC	Boy Scout (16)	Garden Canyon	0.5	SP44		EC,WL	Verified	NESW 21 22S 19E			111-21
	Dam	SWNE 15 21S 19E	WL	(o)	Sycamore Wash	0.5	SP45		WL,EC,FC	Verified	SESE 02 23S 19E			111-21
	Dam	NESE 14 21S 19E	RC,WL,EC	North (21)	Babocomari	0.3	SP46		WL,EC,FC	Verified	SESE 31 21S 19E			111-21
	Dam	NWSE 27 21S 19E	WL	Unknown West (25)	Slaughterhouse Wash	0.2	SP47		WL	Verified	SWNE 15 21S 19E			111-21
	Dam	NWNW 35 21S 19E	EC,FC	Power Line (20)	Blacktail Canyon	1.3	SP48		WL,EC	Verified	NESE 14 21S 19E			111-19
	Dam	NWSW 14 22S 19E	EC,FC	Landing Strip (1)	Coyote Canyon	0.9	SP49		WL	Verified	NWSE 27 21S 19E			111-19
	Dam	NWSE 22 22S 19E	EC,FC	Huachuca Canyon (22)	Huachuca Canyon	0.2	SP50		WL,EC,FC	Verified	NWNW 35 21S 19E			111-20
	Dam	SENE 10 21S 20E	EC,FC	Huachuca Corral (15)	Huachuca Canyon	0.4	SP51		WL,EC,FC	Verified	NWSW 14 22S 19E			111-19
	Dam	SENW 10 21S 20E	EC,FC	(h)	Soldier Creek	0.5	SP52		WL,EC,FC	Verified	NWSE 22 22S 19E			111-20
	Dam	SENE 16 21S 20E	SC	(i)	Soldier Creek	0.5	SP53		WL,EC,FC	Verified	SENE 10 21S 20E			111-23
	Dam	SENE 21 21S 20E	SC	East #1 (35)	Soldier Creek	3.6	SP54		WL,EC,FC	Verified	SENW 10 21S 20E			111-22
	Dam	NESE 18 21S 21E	EC,FC	Sediment (34b)	Soldier Creek	2.5	SP55		WL,SC	Verified	SENE 16 21S 20E			111-20
	Dam	NWSW 17 21S 21E	EC,FC	(b)	Graveyard Gulch	0.5	SP56		SC	Verified	SENE 21 21S 20E			111-20
	Dam	NWSW 17 21S 21E	EC,FC	(g)	Graveyard Gulch	0.5	SP57		WL,EC,FC	Verified	NESE 18 21S 21E			111-20
	Dam	NW ~~SWNE~~ 20 21S 21E	EC,FC	(c)	Graveyard Gulch	0.5	SP58		WL,EC,FC	Verified	NWSW 17 21S 21E			111-20
	Dam	NWNE 22 21S 19E	EC,FC	(d)	Graveyard Gulch	.5	SP59		WL,EC,FC	Verified	NWSW 17 21S 21E			111-20
	Dam	SWSE 23 21S 19E	RC,WL	Lower Blacktail (24)	Blacktail Canyon	0.5	SH01		RC,WL	Verified	NW SWNE 20 21S 21E			111-20
			RC,WL	Slaughterhouse (10)	Slaughterhouse Canyon	0.4	SH02		RC,WL,EC,F	Verified	NWNE 22 21S 19E			111-20
	Dam	NWSW 32 21S 19E	EC,FC							Verified	SWSE 23 21S 19E			111-19
	Dam	SENE 16 22S 19E	RC	Kino (39)	Sycamore	1.4	SH03		RC	Verified	NWSW 32 21S 19E			111-20
	Dam	NESE 01 22S 19E	RC,WL	Blacktail (13)	Blacktail Canyon	0.8	SH04		RC,WL,EC,F	Verified	~~NWSE~~ 16 22S 19E SENE			111-19
	Dam	NENE 07 22S 20E	RC,WL	Officers Club (3)	Soldier Creek	12.2	SH05		RC,WL	Verified	NESE 01 22S 19E			111-22
			RC,WL	Lower Soldier (6)	Rock Spring Creek	0.6	SH06		RC,WL,EC,F	Verified	NENE 07 22S 20E			111-21
	Dam	SWSE 02 23S 19E	EC,FC											111-21
	Dam	NWSE 04 22S 20E	RC,WL	Upper Garden (30)	Garden Canyon	0.4	SH07		RC,WL	Verified	SWSE 02 23S 19E			111-21
	Dam	NW NE ~~SWSE~~ 04 22S 20E	RC	Fairway (31)	Soldier Creek	0.4	SH09		RC,WL	Verified	NWSE 04 22S 20E			111-21
	SPR	SWSW 26 21S 19E	WL	Fairway (50)	Soldier Creek	.2	SH10		RC,WL	Verified	~~SWSE~~ 04 22S 20E NW NE			111-21
	SPR	NWSW 32 21S 19E	WL	Spring #21	Slaughterhouse Canyon	1	WL01		WL	Spring	SWSW 26 21S 19E			111-21
	SPR	NWNE 04 22S 19E	WL	Spring #22	Sycamore Canyon	2.6	WL02		WL	Spring	NWSW 32 21S 19E			111-20
	SPR	SENE 08 22S 19E	WL	Spring #20	Slaughterhouse Canyon	1	WL03		WL	Spring	NWNE 04 22S 19E			111-19
	SPR	NWNE 16 22S 19E	WL	Spring #19	Blacktail Canyon	2.6	WL04		WL	Spring	SENE 08 22S 19E			111-22
	SPR	SENW 15 22S 19E	WL	Spring #18	Blacktail Canyon	2.6	WL05		WL	Spring	NWNE 16 22S 19E			111-22
	SPR	NWSW 14 22S 19E	WL	Spring #17	Huachuca Canyon	2.6	WL06		WL	Spring	SENW 15 22S 19E			111-22
			WL	Spring #16	Huachuca Canyon	1	WL07		WL	Spring	NWSW 14 22S 19E			111-21

CLAIMED INFORMATION							DNR FINDINGS							
STATEMENT OF CLAIMANT	SOURCE	LOCATION	CLAIMED USE	NAME	WATERCOURSE	1988 ANNUAL USE #	WATER USE #	POD #	WATER USE TYPE	USE STATUS	USE LOCATION	POD LOCATION	ACREAGE OR CAPACITY (AC-FT)	MAP
	SPR	NWSE 22 22S 19E	WL	Spring #15	Huachuca Canyon	1	WL08		WL	Spring	NWSE 22 22S 19E			III-23
	SPR	NESE 07 22S 20E	WL	Spring #12	Soldier Creek	1	WL09		WL	Spring	NESE 07 22S 20E			III-23
	SPR	SWSW 13 22S 19E	WL	Spring #13	Soldier Creek	2.6	WL10		WL	Spring	SWSW 13 22S 19E			III-23
	SPR	NESW 20 22S 20E	WL	Spring #11	Woodcutters Canyon	1	WL11		WL	Spring	NESW 20 22S 20E			III-23
•	SPR	SENW 21 22S 20E	WL	Spring #23	Garden Wash	1	WL12		WL	Spring	SENW 21 22S 20E			III-23
•	SPR	SWNE 27 22S 19E	WL	Spring #14	Huachuca Canyon	2.6	WL13		WL	Spring	SWNE 27 22S 19E			III-23
	SPR	NESE 35 22S 19E	WL	Spring #5	McClure Canyon	4.2	WL14		WL	Spring	NESE 35 22S 19E			III-22
	SPR	SWSW 19 22S 20E	WL	Spring #10	Woodcutters Canyon	2.6	WL15		WL	Spring	SWSW 19 22S 20E			III-23
	SPR	NWSE 25 22S 19E	WL	Spring #9	Woodcutters Canyon	4.2	WL16		WL	Spring	NWSE 25 22S 19E			III-23
	SPR	SWNW 36 22S 19E	WL	Spring #7	McClure Canyon	2.6	WL17		WL	Spring	SWNW 36 22S 19E			III-23
•	SPR SW	NWSE 25 22S 19E	WL	Spring #8	Garden Canyon	2.6	WL18		WL	Spring	SWSE 25 22S 19E			III-23
•	SPR	NESE 33 22S 20E	WL	Spring #2	Tinker Canyon	2.6	WL19		WL	Spring	NESE 33 22S 20E			III-23
•	SPR	SESW 36 22S 19E	WL	Spring #6	McClure Canyon	2.6	WL20		WL	Spring	SESW 36 22S 19E			III-23
•	SPR	SESW 36 22S 19E	WL	Spring #25	McClure Canyon	1.4	WL21		WL	Spring	SESW 36 22S 19E			III-23
•	SPR	NESE 33 22S 20E	WL	Spring #3	Tinker Canyon	1	WL22		WL	Spring	NESE 33 22S 20E			III-23
	SPR	NWNW 07 23S 20E	WL	Spring #24	Schellole Canyon	1	WL23		WL	Spring	NWNW 07 23S 20E			III-23
	SPR	SWSW 07 23S 20E	WL	Spring #4	Sawmill Canyon	4.2	WL24		WL	Spring	SWSW 07 23S 20E			III-23
•	SPR	SWSW 01 23S 19E	WL	Cabin Spring	Garden Canyon	2.6	WL25		WL	Spring	SWSW 01 23S 19E			III-23

KEY: DM - Domestic; E - Effluent (POD); EC - Erosion Control; IR - Irrigation; ML - Military; MU - Municipal; POD - Point of Diversion; PS - Primary Storage Reservoir; RC - Recreation; S - Spring (POD); SE - Sewage Evaporation; SP - Wildlife Pond; SPR - Spring (Source); SR - Small Reservoir; W - Well (POD); WL - Wildlife;
• - Use Change Due to Amended Statement of Claimant

Add:

E01 NESE 33 21S 20E SE Sediment #1A (32c) Soldier Creek 2.2
E01 NESE 33 21S 20E SE Sediment #1B (32b) Soldier Creek 2.2
E02 SWSE 28 21S 20E SE Sediment #2 (33) Soldier Creek 5.5

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Jun/Jul 89

Claim No. 39-10775

Water Inventory I.D. 32a - Sediment #1a and Arizona Department of Water sources I.D. _____.

Priority Date 1954.

County Cochise. 4. USGS Quad Name Fort Huachuca, AZ.

Location SENESE 33 21S 20E. 6. Elevation 4,600 feet.

Claimed Use Sewage evaporation.

Diversion Pond.

Water Course or Source Soldier Creek.

Annual Use 2.2 ac-ft.

Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

Comments Point of diversion (z-1a) for effluent irrigation of Golf Course Treatment Plant #1 Golf course - Sec 04 T.22S. R.20E 84.8ac

Location Map

nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne
nw se	sw se	sw se	sw se	sw se	sw se	sw se	sw se
	NW				NE		
nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne
sw se	sw se *	sw se	sw se	sw se	sw se	sw se	sw se
nw ne	nw ne *	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne
nw se	sw se	sw se	sw se	sw se	sw se	sw se	sw se
	SW				SE		
nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne
sw se	sw se	sw se	sw se	sw se	sw se	sw se	sw se

Attach 7

SRP401

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Jun/Jul 89

Claim No. 39-10775

Water Inventory I.D. 32b - Sediment #1b and Arizona Department of Water Sources I.D. _____.

Priority Date 1989 (1st use date 1984).

County Cochise. 4. USGS Quad Name Fort Huachuca, AZ.

Location SENESE 33 21S 20E. 6. Elevation 4,600 feet.

Claimed Use Sewage evaporation.

Diversion Pond.

Water Course or Source Soldier Creek.

Annual Use 2.2 ac-ft.

Well Data: N/A

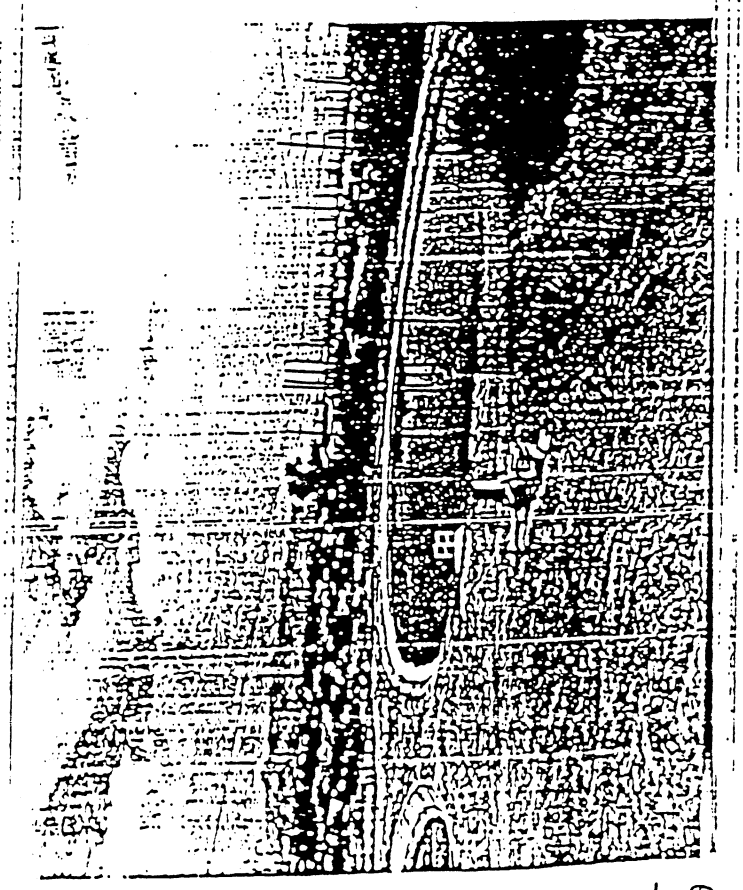
a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

Comments Point of diversion (z-1b) for effluent irrigation of Golf Course Treatment Plant #1 Golf course - Sec 04 T.22S R.20E 84.8 ac.

Location Map

nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne
nw	ne	nw	ne	nw	ne	ne	ne
sw se	sw se	sw se	sw se	sw se	sw se	sw se	sw se
	NW					NE	
nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne
sw	se	se	se	sw	se	se	se
sw se	sw se	sw se	* sw se	sw se	sw se	sw se	sw se
nw ne	nw ne	nw ne	* nw ne	nw ne	nw ne	nw ne	nw ne
nw	ne	ne	ne	nw	ne	ne	ne
sw se	sw se	sw se	sw se	sw se	sw se	sw se	sw se
	SW					SE	
nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne	nw ne
sw	se	se	se	sw	se	se	se
sw se	sw se	sw se	sw se	sw se	sw se	sw se	sw se



Attach 8

SRP402

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Jun/Jul 89

Claim No. 39-18775

Water Inventory I.D. 33 - Sediment #2 and Arizona Department of Water sources I.D. _____.

Priority Date 1954.

County Cochise. 4. USGS Quad Name Fort Huachuca, AZ.

Location SESESW 28 21S 20E. 6. Elevation 4,600 feet.

Claimed Use Sewage evaporation.

Diversion Pond.

Water Course or Source Soldier Creek.

Annual Use 5.5 ac-ft.

Well Data: N/A

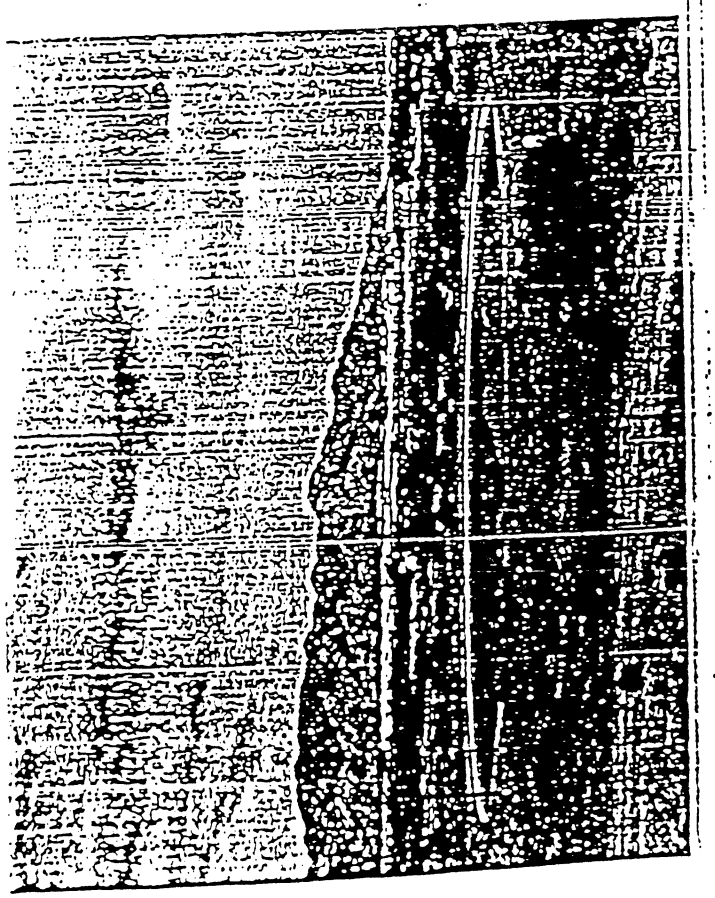
a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

Comments Point of diversion (z2) for effluent irrigation of Chaffee Parade el and 3% of the effluent to Golf Course Chaffee Field Sec 32, T.21S R.20E 10.25 ac

Location Map

nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	NW				NE		
nw ne sw sw se		nw ne se sw se *		nw ne sw sw se		nw ne se sw se	
nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	SW				SE		
nw ne sw sw se		nw ne se sw se		nw ne sw sw se		nw ne se sw se	



Attach 9

SRP403

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Aug 89

Claim No. 39-19774

1. Water Inventory I.D. SPP1 - Spring #1 and Arizona Department of Water Resources I.D. MU01/S01.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Pveatt Ranch, AZ.

5. Location SENWSW 14 22S 19E. 6. Elevation 5,650 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Bolsa Quartizite-Cambrian.

10. Annual Use 1,740.05 x-gal ~~unknown~~ or 5.34 ac-ft.

11. Well Data: N/A

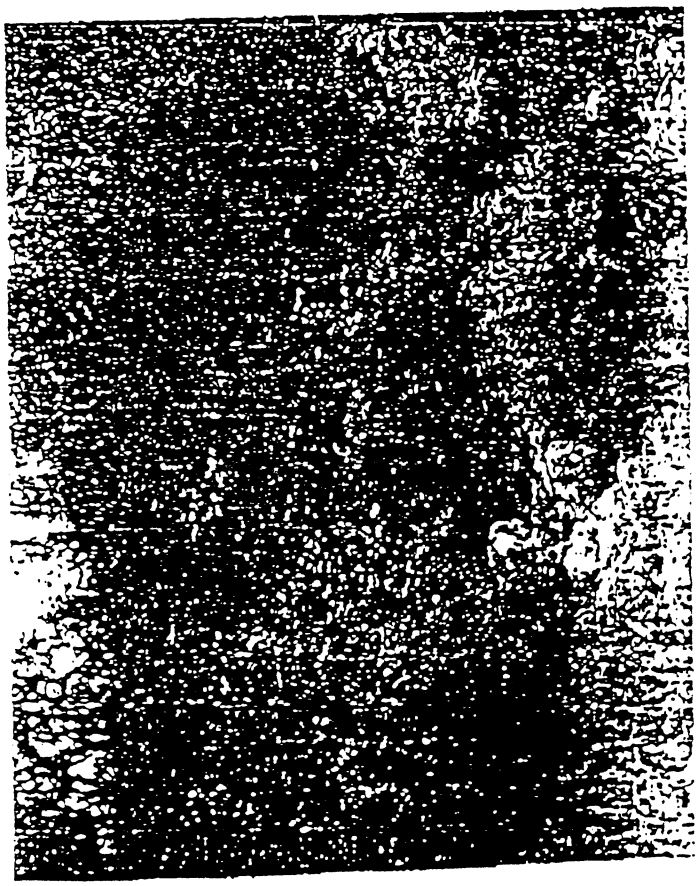
a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

Comments Huachuca Canyon potable spring system-standby uses for mobilization and emergencies; pipeline still in place.

Location Map

nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
nw ne sw sw se	NW	nw ne se sw se	*	nw ne sw sw se	NE	nw ne se sw se	
nw ne nw sw se X		nw ne ne sw se	*	nw ne nw sw se		nw ne ne sw se	
nw ne sw sw se	SW	nw ne se sw se		nw ne sw sw se	SE	nw ne se sw se	



Attach

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Aug 89

Claim No. 39-10774

1. Water Inventory I.D. SPP2 - Spring #2 and Arizona Department of Water Resources I.D. MU01/S02.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Pyeatt Ranch, AZ.

5. Location SENWSW 14 22S 19E. 6. Elevation 5,650 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Bolsa Quartizite-Cambrian.

10. Annual Use 1,740.05 K-gal ~~Unknown~~ or 5.34 ac-ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Huachcua Canyon potable spring system-standby uses for mobilization and emergencies; pipeline still in place.

Location Map

nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	NW				NE		
nw ne sw sw se		nw ne se sw se *		nw ne sw sw se		nw ne se sw se	
nw ne nw sw seX		nw ne ne sw se *		nw ne nw sw se		nw ne ne sw se	
	SW				SE		
nw ne sw sw se		nw ne se sw se		nw ne sw sw se		nw ne se sw se	

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Aug 86

Claim No. 39-10774

1. Water Inventory I.D. SPP3 - Spring #3 and Arizona Department of Water Resources I.D. MU01/S03

2. Priority Date 1877

3. County Cochise 4. USGS Quad Name Pyeatt Ranch, AZ

5. Location NENENE 22 22S 19E 6. Elevation 5,975 feet

7. Claimed Use Municipal

8. Diversion Spring

9. Water Course or Source Spring from Bolsa Quartzite-Cambrian

10. Annual Use 1,740.03 acre-feet ~~Unknown~~ or 5.34 acre-ft

11. Well Data: N/A

a. Casing Size b. Equipment - Pump

c. Power d. Discharge Measurement gpm.

12. Comments Huachuca Canyon potable spring system-standby uses for mobilization and emergencies; pipeline still in place

Location Map

nw	ne	nw	ne	nw	ne	nw	ne
nw		ne		nw		ne	
sw	se	sw	se	sw	se	sw	se
		NW				NE	
nw	ne	nw	ne	nw	ne	nw	ne
sw		se		sw		se	
sw	se	sw	se	sw	se	sw	se
nw	ne	nw	ne	nw	ne	nw	ne
nw		ne		nw		ne	
sw	se	sw	se	sw	se	sw	se
		SW				SE	
nw	ne	nw	ne	nw	ne	nw	ne
sw		se		sw		se	
sw	se	sw	se	sw	se	sw	se

Attach 1

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Claim No. 39-10774 Date Inspected Aug 89

1. Water Inventory I.D. SPP3a - Spring #3a and Arizona Department of Water Resources I.D. MU01/S03.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Pyeatt Ranch, AZ.

5. Location NENENE 22 22S 19E. 6. Elevation 5,975 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Bolsa Quartzite-Cambrian.

10. Annual Use 1,740.05 K-gal ~~unknown~~ or 5.34 ac-ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____gpm.

12. Comments Huachuca Canyon potable spring system-standby uses for mobilization and emergencies; pipeline still in place.

Location Map

nw ne nw sw se		nw ne sw se		nw ne nw sw se		nw ne ne sw se	
	NW				NE		
nw ne sw sw se		nw ne se sw se		nw ne sw sw se		nw ne se sw se	
nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	SW				SE		
nw ne sw sw se		nw ne se sw se		nw ne sw sw se		nw ne se sw se	

Attach 13

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Aug 89

Claim No. 39-10774

1. Water Inventory I.D. SPP4 - Spring #4 and Arizona Department of Water Resources I.D. MU01/S04.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Pyeatt Ranch, AZ.

5. Location NWNENE 22 22S 19E. 6. Elevation 6,000 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Abrigo Limestone-Cambrian.

10. Annual Use 1,770.00 Kgal ~~unknown~~ or 5.34 ac-ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Huachuca Canyon potable spring system-standby uses for mobilization and emergencies; pipeline still in place

Location Map

nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	NW				NE		
nw ne sw sw se		nw ne se sw se *		nw ne sw sw se		nw ne se sw se	
nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	SW				SE		
nw ne sw sw se		nw ne se sw se		nw ne sw sw se		nw ne se sw se	

SRP408

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected AUG 86

laim No. 39-10774

Water Inventory I.D. Picnic - Picnic Spring and Arizona Department of Water
esources I.D. MU01/S07

. Priority Date 1877

. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

. Location NWNESW 31 22S 20E. 6. Elevation 5,375 feet.

. Claimed Use Municipal.

. Diversion Spring.

. Water Course or Source Spring from Abrigo Limestone-Cambrian.

10. Annual Use 3,906.97 k-gal ~~unknown~~ or 11.99 ac-ft.

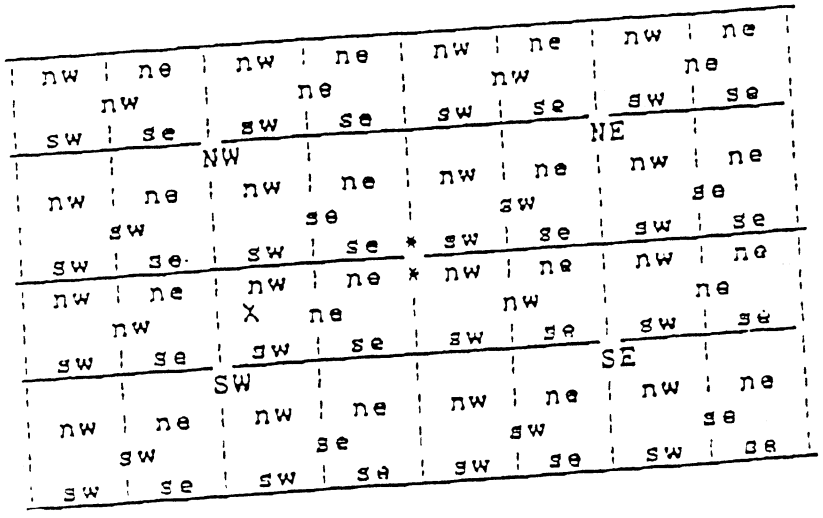
11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Garden Canyon potable spring system-standby uses for mobilization and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2); and construction and fire fighting uses. Pipeline still in place.

Location Map



SRP409

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Claim No. 39-18774 Date Inspected Aug 89

1. Water Inventory I.D. Chain - Chain Spring and Arizona Department of Water Resources I.D. MU01/S08.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

5. Location NESWSW 31 22S 20E. 6. Elevation 5,425 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Abrigo Limestone-Cambrian.

10. Annual Use 3,906.97 K-gal ~~unknown~~ or 11.99 ac-ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____gpm.

1 Comments Garden Canyon potable spring system-standby uses for mobilization and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2); and construction and fire fighting uses. Pipeline still in place.

Location Map

nw	ne	nw	ne	nw	ne	nw	ne
nw		ne		nw		ne	
sw	se	sw	se	sw	se	sw	se
		NW				NE	
nw	ne	nw	ne	nw	ne	nw	ne
sw		se		sw		se	
sw	se	sw	se *	sw	se	sw	se
nw	ne	nw	ne *	nw	ne	nw	ne
nw		ne		nw		ne	
sw	se	sw	se	sw	se	sw	se
		SW				SE	
nw	Xne	nw	ne	nw	ne	nw	ne
sw		se		sw		se	
sw	se	sw	se	sw	se	sw	se

SRP410

Attach 16

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Claim No. 39-10774

Date Inspected Aug 89

1. Water Inventory I.D. SPR1 - Spring #1 and Arizona Department of Water Resources I.D. MU01/S09.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

5. Location SESESE 36 22S 19E. 6. Elevation 5,700 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Martin Limestone-Devonian.

10. Annual Use 3,906.97 K-gal ~~unknown~~ or 11.99 ac-ft.

11. Well Data: N/A

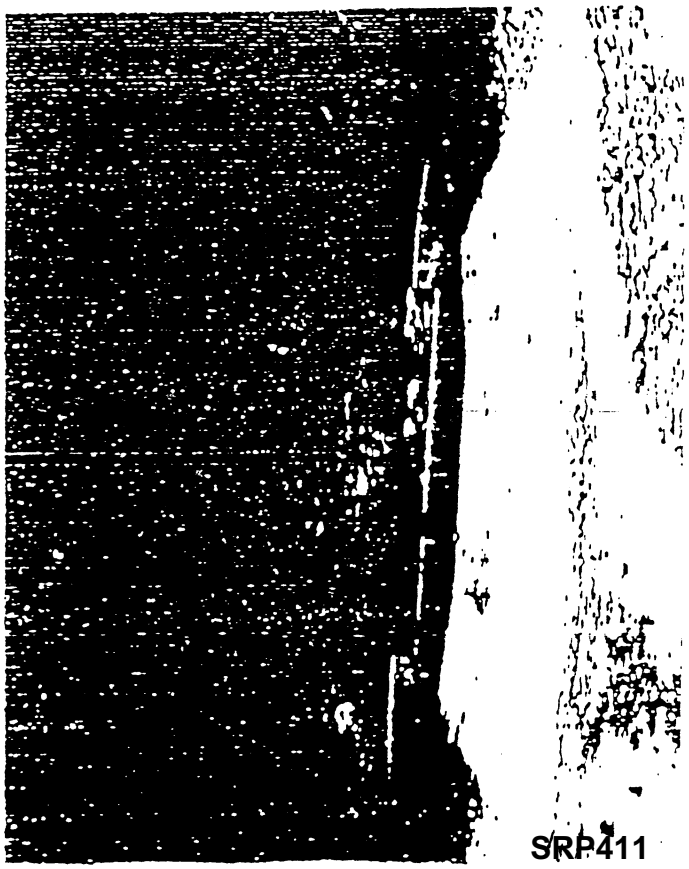
a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Garden Canyon potable spring system-standby uses for mobilization and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2); and construction and fire fighting uses. Pipeline still in place.

Location Map

nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	NW				NE		
nw ne sw sw se		nw ne se sw se *		nw ne sw sw se		nw ne se sw se	
nw ne nw sw se		nw ne ne sw se *		nw ne nw sw se		nw ne ne sw se	
	SW				SE		
nw ne sw sw se		nw ne se sw se		nw ne sw sw se		nw ne se sw se	



AHach 17

SRP411

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Claim No. 39-10774

Date Inspected Aug 89

1. Water Inventory I.D. SPP1a - Spring #1a and Arizona Department of Water Resources I.D. MU01/S11.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

5. Location NENENE 01 23S 19E. 6. Elevation 5,700 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Martin Limestone-Devonian.

10. Annual Use 3,106.47 ~~unknown~~ K-gal or 11.99 ac-ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Garden Canyon potable spring system-standby uses for mobilization and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2); and construction and fire fighting uses. Pipeline still in place.

Location Map

nw	ne	nw	ne	nw	ne	nw	ne X
sw	nw se	sw	ne se	sw	nw se	sw	ne se
nw	ne	NW nw	ne	nw	ne	NE nw	ne
sw	sw se	sw	se se *	sw	sw se	sw	se se
nw	ne	nw	ne *	nw	ne	nw	ne
sw	nw se	sw	ne se	sw	nw se	sw	ne se
nw	ne	SW nw	ne	nw	ne	SE nw	ne
sw	sw se	sw	se se	sw	sw se	sw	se se

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Aug 89

Claim No. 39-10774

1. Water Inventory I.D. SPP1b - Spring #1b and Arizona Department of Water Resources I.D. MU01/S10.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

5. Location SESESE 36 22S 19E. 6. Elevation 5,600 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Martin Limestone-Devonian.

10. Annual Use 3,906.97 k-gal ~~unknown~~ or 11.99 ac-ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Garden Canyon potable spring system-standby uses for mobilization and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2); and construction and fire fighting uses. Pipeline still in place.

Location Map

nw	ne	nw	ne	nw	ne	nw	ne
nw		ne		nw		ne	
sw	se	sw	se	sw	se	sw	se
		NW				NE	
nw	ne	nw	ne	nw	ne	nw	ne
sw		se		sw		se	
sw	se	sw	se *	sw	se	sw	se
nw	ne	nw	ne *	nw	ne	nw	ne
nw		ne		nw		ne	
sw	se	sw	se	sw	se	sw	se
		SW				SE	
nw	ne	nw	ne	nw	ne	nw	ne
sw		se		sw		se	
sw	se	sw	se	sw	se	sw	se X

Attach 19

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Claim No. 39-10774

Date Inspected Aug 89

1. Water Inventory I.D. SPP2 - Spring #2 and Arizona Department of Water Resources I.D. MU01/S13.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

5. Location NENESW 01 23S 19E. 6. Elevation 6,200 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Naco Gp-Pennsylvanian and Permian-Carboniferous.

10. Annual Use 3,906.97 acre-feet ~~unknown~~ or 11,994,000 ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Garden Canyon potable spring system-standby uses for mobilization and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2); and construction and fire fighting uses. Pipeline still in place.

Location Map

nw ne nw sw se		nw ne ne sw se		nw ne nw sw se		nw ne ne sw se	
	NW				NE		
nw ne sw sw se		nw ne se sw se *		nw ne sw sw se		nw ne se sw se	
nw ne nw sw se		nw ne ne sw se *		nw ne nw sw se		nw ne ne sw se	
	SW				SE		
nw ne sw sw se		nw ne se sw se		nw ne sw sw se		nw ne se sw se	

Attach 20

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Aug 89

Claim No. 39-10774

1. Water Inventory I.D. SPP3 - Spring #3 and Arizona Department of Water Resources I.D. MU01/S12.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

5. Location NWNESW 01 23S 19E. 6. Elevation 6,200 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Naco Gp-Pennsylvanian and Permian-Carboniferous.

10. Annual Use 3,906.97 K.gal ~~unknown~~ or 11.99 ac-ft.

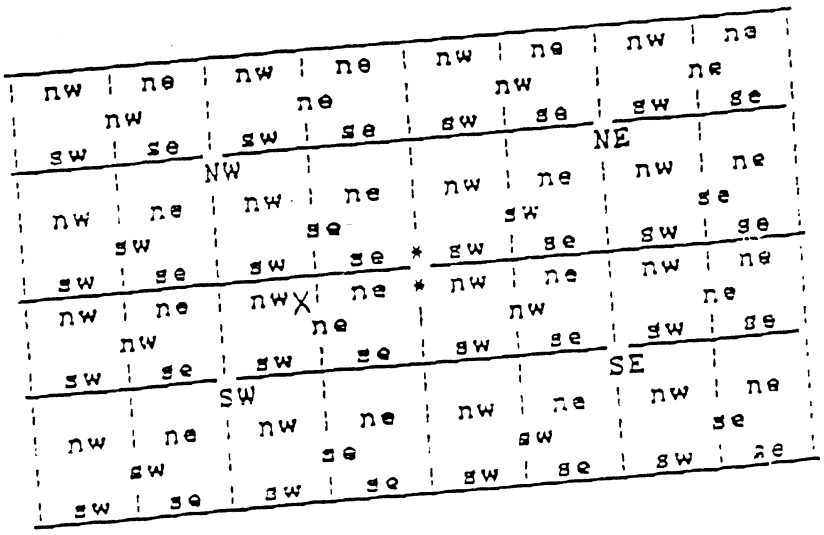
11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

12. Comments Garden Canyon potable spring system-standby uses for mobilizatio and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2) and construction and fire fighting uses. Pipeline still in place.

Location Map



Attach 21

INVENTORY OF WATER USES
FORT HUACHUCA, ARIZONA

Date Inspected Aug 89

Claim No. 39-10774

1. Water Inventory I.D. SPP4 - Spring #4 and Arizona Department of Water Resources I.D. MU01/S14.

2. Priority Date 1877.

3. County Cochise. 4. USGS Quad Name Miller Peak, AZ.

5. Location NWSWSW 01 23S 19E. 6. Elevation 6,200 feet.

7. Claimed Use Municipal.

8. Diversion Spring.

9. Water Course or Source Spring from Naco Gp-Pennsylvanian and Permian-Carboniferous.

10. Annual Use 3,906.97 K-gal ~~unknown~~ or 11.99 a-ft.

11. Well Data: N/A

a. Casing Size _____ b. Equipment - Pump _____.

c. Power _____ d. Discharge Measurement _____ gpm.

1 Comments Garden Canyon potable spring system-standby uses for mobilization and emergencies; military use (Leadership Reaction Crse); campground toilets (Lower Garden Cyn); maintains pond levels at Gravel Pit(#1) and Golf Crs (#2); and construction and fire fighting uses. Pipeline still in place.

Location Map

nw ne / nw / sw se		nw ne / ne / sw se		nw ne / nw / sw se		nw ne / ne / sw se	
nw ne / sw / sw se		NW nw ne / se / sw se		nw ne / sw / sw se		NE nw ne / se / sw se	
nw ne / nw / sw se		nw ne / ne / sw se	*	nw ne / nw / sw se		nw ne / ne / sw se	
nw X ne / sw / sw se		SW nw ne / se / sw se		nw ne / sw / sw se		SE nw ne / se / sw se	

Attach 2

COMMENTS ON SPECIFIC PORTIONS OF THE PRELIMINARY HYDROGRAPHIC SURVEY REPORT FOR THE SAN PEDRO RIVER WATERSHED - FORT HUACHUCA MILITARY RESERVATION SECTION - PAGES 366 THROUGH 401

1. Page 366, Location. Change first sentence to read: Fort Huachuca, currently the headquarters of the United States Intelligence Center, is located approximately sixty miles southeast of Tucson, and about fifteen miles north of the International Border with Mexico, as shown in Figure 5-21.

2. Page 366, Climate. Change second sentence from 105 degrees Fahrenheit to 107 degrees Fahrenheit.

3. Page 366, Geography. Second paragraph change 73,344 acres to 73,272 acres.

4. Page 367, Figure 5-21. The State of Arizona lands in the East Range of the installation are not accurately depicted. (See comment regarding Page 368, Figure 5-22).

5. Page 368, Figure 5-22. The State of Arizona lands in the East Range of the installation are not accurately depicted. See Attachment 1 for correct configuration as well as the legal description of the State owned lands.

6. Page 369. Add the following sentence to the Geography section: By deeds in 1982 and 1989, seventy two acres were quitclaimed to the City of Sierra Vista for airport purposes.

7. Page 370, History. Change second sentence to read: Article XI of the treaty provided that the United States would stop Indian raids into Mexico and could cross the international border to pursue Apache raiders. Change fifth sentence to read: Discontent among the Apache tribes had reached such proportions by 1877 that Headquarters, Department of Arizona ordered two troops of cavalry at Fort Lowell into the vicinity of the Huachuca Mountains to establish a temporary camp. Delete all of paragraph two for it has no relevance.

8. Page 371, History. Second paragraph, change second sentence to read: This mission ended with the war and in 1949 the Army turned the post over to the State of Arizona for use by the Arizona Game and Fish Commission as a wildlife reserve and to Arizona National Guard for military use. Change third sentence to read: From 1949 to 1951, the Arizona National Guard and the Arizona Game and Fish Commission had use of the post for their respective missions. The Defense Department reactivated the Fort to train Aviation Engineers in 1951 at the onset of the Korean War.

9. Page 372, History. Second paragraph, change third sentence to read: At present the post is home of the United States Army Intelligence Center as well as the United States Army Information Systems Command, the Department of Defense Joint Element of the Joint Tactical Command, Control and Communications Agency, the 11th Signal Brigade, and the United States Army Communications Security Logistics Activity.

10. Page 372, Statement of Claimants. Change first sentence from 38 springs to 39 springs and from 71 ponds to 74 ponds.

11. Page 373, Table 5-51. Under springs - potable & non-potable, change 25 to 26 under non-potable and change the total to 39. (The table does not include 15b, Moss Springs, amended by the claimant 39-10775.) Under Ponds, change number or effluent evaporation from 7 to 10 and quantity from 25.7 to 38.7. Change total from 71 ponds to 74 ponds and total quantity from 185.9 to 198.9. Reconcile the data in this table with data in corrected Table 5-65. A data sheet on 15b is attached as Attachment 2.

12. Page 374, Table 5-52. Change information on ponds as indicated in Attachment 3.

13. Page 375, Paragraph 2. Delete last sentence. This well is used to fill ponds and is not connected into the potable system as old line has been disconnected.

14. Page 376, Tables 5-54 and 5-55. Change information in these two tables as indicated in Attachment 4.

15. Page 376, text between Tables 5-54 and 5-55, first line. Change seventy-one ponds to seventy-four ponds.

16. Page 377, Surface Water. Second paragraph, fourth sentence, change to read: There are a total of twenty-six non-potable springs which are listed on Table 5-56.

17. Page 378, Table 5-56. Change information as indicated in Attachment 5.

18. Page 379, Table 5-57. Delete 6th entry on table. This was originally claimed as potable, but was changed to non-potable.

19. Page 381, second paragraph. Change last line to read: and calendar year 1982 to 1990.

20. Page 381, Table 5-58. Change the production figures as follows: for 1979 from 2,624 to 2,802; for 1980 from 2,836 to 3,011; for 1981 from 2,996 to 3,146; for 1989 from 2,601 (excludes October - December) to 2,846. Add 1990 -- 2,191

(excludes October - December). Change the text at the bottom of the table to read: Source: Fort Huachuca letters concerning statements of claimant 39-10774 and 39-10775. December 28, 1981, Tab F, revised fiscal year figures and October 17, 1989, enclosure 6, revised calendar year figures.

21. Page 382, Table 5-59. Change under Well No. 1, the depth in feet from 701 to 823.

22. Page 383, Table 5-60. Heading states that the wells identified in the table are all test wells and are located in the East Range. Spatial Resolution Well is not a test well. Post Wells 1, 2, 3, 4, 5, and 6 are not test wells and are not in the East Range. There should be a footnote as to Test Well 5 stating that it became Post Well 8.

23. Page 384, Figure 5-24 and Page 385, Table 5-61. The projections of DWR do not recognize the larger quantity of additional water that will be used in future years due to substantial and dramatic increases in future mission activity at Fort Huachuca. Additionally, the figure and the table are already flawed by the fact that the current production of effluent exceeds the 1990 projections in all columns.

24. Page 385, Historical Water Uses and Sources. Second paragraph, first line, change two springs to read: Sawmill Spring.

25. Page 386, second paragraph, change to read: In 1906, plans were considered to move Fort Huachuca due to acute water shortages. No actions were taken, however to move Fort Huachuca. In 1911 with an increase in troop strength, plans were made to complete a pipeline from Garden Canyon to the main post. This pipeline was completed in October 1911. Subsequently, the Army built collection works near the junction of Garden and McClure Canyons with small pipelines running up the canyons to several springs. The water was conveyed some seven miles from the collection works to the post's 250,000 gallon masonry storage reservoir and a small 4000 gallon capacity tank located near Carnahan Hill.

26. Page 386, fourth paragraph, first sentence, change to read: In 1936, a large well was installed that tapped into the regional groundwater aquifer.

27. Page 386, fifth paragraph, second sentence, change to read: During this four year period the reservation was used as a wildlife reserve by the Arizona Game and Fish Commission and for military training by the Arizona National Guard.

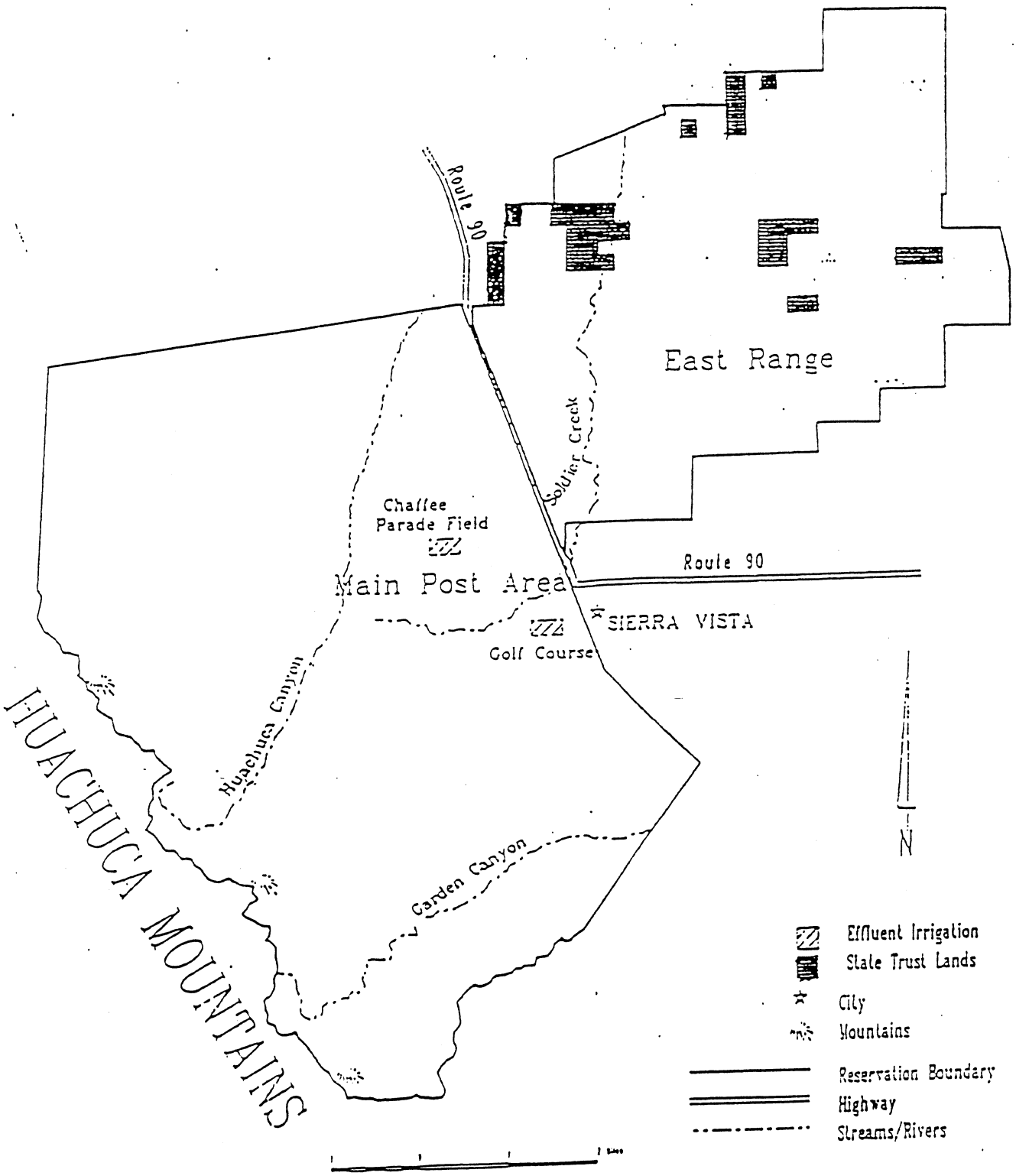


Figure 5-22. Boundary of Fort Huachuca, including state trust lands

STATE OWNED LANDS
EAST RANGE
FT. HUACHUCA, ARIZONA

LEGAL DESCRIPTIONS

TRACT A-108

E½SE¼ of Sec. 5 and E½NE¼ of Sec. 8, T-21-S, R-20-E, G&SRM, Cochise County, Arizona, containing 160.00 acres, more or less.

NOTE. This tract is subject to a reservation of mineral rights by the United States.

TRACT A-109

Lot 4 of Sec. 4, T-21-S, R-20-E, G&SRM, Cochise County, Arizona, containing 53.76 acres, more or less.

TRACT A-110

Lot 1 of Sec. 4; Lots 2, 3 and 4 of Sec. 3; S½NE¼, SW¼SE¼, S½NW¼, and SW¼ of Sec. 3, all in T-21-S, R-20-E, G&SRM, Cochise County, Arizona, containing 573.89 acres, more or less.

TRACT A-111

SE¼SW¼ of Sec. 26, T-20-S, R-20-E, G&SRM, Cochise County, Arizona, containing 40.00 acres, more or less.

NOTE. This tract is subject to a reservation of mineral rights by the United States.

TRACT A-112

W½W½ of Sec. 25, T-20-S, R-20-E, G&SRM, Cochise County, Arizona, containing 160.00 acres, more or less.

TRACT A-113

NW¼NE¼ of Sec. 25, T-20-S, R-20-E, G&SRM, Cochise County, Arizona, containing 40.00 acres, more or less.

TRACT A-114

Lots 5, 6 and 7, SE¼NW¼, E½SW¼, and S½NE¼ of Sec. 6, T-21-S, R-21-E, G&SRM, Cochise County, Arizona, containing 308.82 acres, more or less.

TRACT A-115

S½SE¼ and SE¼SW¼ of Sec. 4, T-21-S, R-21-E, G&SRM, Cochise County, Arizona, containing 120.00 acres, more or less.

TRACT A-116

SE¼ of Sec. 7, T-21-S, R-21-E, G&SRM, Cochise County, Arizona, containing 80.00 acres, more or less.

The above nine tracts aggregate 1,536.47 acres, more or less.