

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-106-I

Adjudication Filing:

Priority Date: 1968

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Canyon Diablo

Tributary:

Annual Use (GAL): 35850

Capacity (AF): 0.11

Length (ft): Width (ft): Depth (ft):

QQ SEC T R

POD Location: NWNE 15 20 12

POU Location:

(if different from POD)

NRCE Comment: Field verified. See photos. Priority date estimated from QUAD map. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-106-W

Adjudication Filing

Priority Date: 3/20/2015

Type of Use: Stockwater

Feature Name: Lute Tank #1 & #1-A (Casner)

Max. Flow Rate (GPM): 20

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Point of Diversion:	NWSESW	7	19	12

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR SPRINGS ON HOPI RANCH LANDS

Water Right #: HT-107-S

Adjudication Filing

Priority Date: 1968

Type of Use: Stockpond

Feature Name: Spring

Water Source: Canyon Diablo

Tributary:

QQ SEC T R

Point of Diversion: NWNE 15 20 12

NRCE Comment: Field verified. See photos. Spring coming out of the limestone undercut feeds directly to impoundment HT-106-I. Priority date estimated from QUAD map. Maximum flow rate assumed to be equal to the other spring included in these claims.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-107-W

Adjudication Filing

Priority Date: 5/3/2016

Type of Use: Stockwater

Feature Name: Sinkhole Well

Max. Flow Rate (GPM): 20

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	L1	30	20	12

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-108-1

Adjudication Filing:

Priority Date: 1968

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed

Tributary:

Annual Use (GAL): 48880

Capacity (AF): 0.15

Length (ft):	Width (ft):	Depth (ft):		
	<u>Q</u> <u>Q</u>	<u>S</u> <u>E</u> <u>C</u>	<u>T</u>	<u>R</u>
POD Location:	L1	5	20	11

POU Location:
(if different from POD)

NRCE Comment: Field verified. See photos. Priority date estimated from QUAD map. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-108-W

Adjudication Filing

Priority Date: 5/26/2016

Type of Use: Stockwater

Feature Name: Perry Well

Max. Flow Rate (GPM): 7

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Point of Diversion:	L4	7	19	11

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-109-1

Adjudication Filing:

Priority Date: Prior to 1954

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed

Tributary:

Annual Use (GAL): 52140

Capacity (AF): 0.16

Length (ft): Width (ft): Depth (ft):

POD Location: NESE 12 19 11

POU Location:

(if different from POD)

NRCE Comment: Field verified. See photos. Priority date estimated from aerial imagery. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-109-W

Adjudication Filing

Priority Date: 3/26/2015

Type of Use: Stockwater

Feature Name: Lute Tank Water Well #1-A (Casn

Max. Flow Rate (GPM): 20

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	L4	7	19	12

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: HT-110-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1968

Type of Use: Stockwater

Feature Name: Impoundment symbol

Water Source:

Tributary: San Francisco Wash

Max. Flow Rate (GPM):

Annual Use: 444,897 Gallons 1.365 Acre-feet

Capacity: 444,897 Gallons 1.365 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	I	<u>R</u>
NWSW	22	20	11

Point of Use (if different from Point of Diversion):

Comments:

EXHIBIT 5.10.1H

Map of Twin Arrows trust land

IN PROCESS OF FINALIZATION

EXHIBIT 5.10.1HH

ATTACHED

EXHIBIT 5.10.1HH
Hopi Abstracts for Twin Arrows trust land

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: TA-001-W

Adjudication Filing

Priority Date: 6/8/1990

Type of Use: Stockwater, Domestic

Feature Name: Twin Arrows Well

Max. Flow Rate (GPM): 14

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	NWSWSW	31	21	11

NRCE Comment: Well data and ADWR from T. Lowe 11/9/17. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

EXHIBIT 5.10.1I

Map of Drye Ranch

IN PROCESS OF FINALIZATION

EXHIBIT 5.10.1II

ATTACHED

EXHIBIT 5.10.111
Hopi Abstracts for Drye Ranch

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: DR-001-I
Adjudication Filing: 39-03-80467
Priority Date: 1938
Type of Use: Stockpond
Feature Name: Twin Tanks
Water Source: Road Wash
Tributary: Canyon Diablo

Annual Use (GAL): 166180

Capacity (AF): 0.51

Length (ft): 225 Width (ft): 100 Depth (ft): 3

QQ SEC T R

POD Location: NENE 13 20 10

POU Location:
(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: DR-003-I
Adjudication Filing: 39-03-80468
Priority Date: Prior to 1926
Type of Use: Stockpond
Feature Name: Perry Tank
Water Source: Eli Draw
Tributary: Elliot Canyon
Annual Use (GAL): 273700
Capacity (AF): 0.84

Length (ft): 150 Width (ft): 110 Depth (ft): 5

QQ SEC I R

POD Location: NENESW 18 19 11

POU Location:
(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: DR-004-I
Adjudication Filing: 39-03-80469
Priority Date: 1956
Type of Use: Stockpond
Feature Name: Cedar Dam
Water Source: Yellow Jacket Canyon
Tributary: Canyon Diablo
Annual Use (GAL): 234600
Capacity (AF): 0.72
Length (ft): 225 Width (ft): 135 Depth (ft): 4
QQ SEC T R
POD Location: SESE 36 20 10

POU Location:
(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

Water Right #: DR-010-S

Adjudication Filings: By Ranch:

By USFS:

By SLD: 39-03-86628

Preadjudication Filing:

Priority Date: 12/20/1932

Type of Use: Stockwater, Recreation, Fish & Wildlife

Feature Name: Well

Water Source: GW

Tributary:

Max. Flow Rate (GPM):

Annual Use: 71,687 Gallons 0.220 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNWSE	26	20	10

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: DR-022-W

Adjudication Filing

Priority Date: 1946

Type of Use: Stockwater, Domestic

Feature Name: Drye HQ Well

Max. Flow Rate (GPM): 6

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	L8	1	20	9

NRCE Comment: No annual use amount given in filings. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: DR-024-I

Adjudication Filing:

Priority Date: Prior to 1954

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed

Tributary:

Annual Use (GAL): 475720

Capacity (AF): 1.46

Length (ft): Width (ft): Depth (ft):

POD Location: NESW 18 19 11

POU Location:

(if different from POD)

NRCE Comment: No known adjudication filings available for this tank. Priority date estimated from historic aerial imagery. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: DR-025-W

Adjudication Filing

Priority Date: 5/12/2016

Type of Use: Stockwater

Feature Name: Bullett Well

Max. Flow Rate (GPM): 20

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	SESENE	23	20	10

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

EXHIBIT 5.10.1J

Map of Aja Ranch trust land

IN PROCESS OF FINALIZATION

EXHIBIT 5.10.1JJ

ATTACHED

EXHIBIT 5.10.1JJ

Hopi Abstracts for Aja Ranch trust lands

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-001-W
Adjudication Filing 39-03-88056
Priority Date: 6/14/1982
Type of Use: Stockwater
Feature Name: Mitchell Well and Tank
Max. Flow Rate (GPM): 10
Annual Use: 4320000 Gallons
Storage Right: 4320000 Gallons
QQ Sec. T R
Point of Diversion: W2NW 12 15 15
NRCE Comment: Revised coordinates and POD location.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-002-W
Adjudication Filing 39-03-88057
Priority Date: 6/14/1982
Type of Use: Stockwater
Feature Name: Pablo's Well
Max. Flow Rate (GPM): 15
Annual Use: 6480000 Gallons
Storage Right: 6480000 Gallons
QQ Sec. T R
Point of Diversion: NENW 17 16 15
NRCE Comment: Revised coordinates and POD location.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-003-W
Adjudication Filing 39-03-88058
Priority Date: 6/14/1982
Type of Use: Stockwater
Feature Name: Big Windmill Well
Max. Flow Rate (GPM): 15
Annual Use: 6480000 Gallons
Storage Right: 6480000 Gallons

	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Point of Diversion:	SENW	4	15	15

NRCE Comment:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-004-W
Adjudication Filing 39-03-88059
Priority Date: 9/30/1985
Type of Use: Stockwater
Feature Name: Fidel Well
Max. Flow Rate (GPM): 10
Annual Use: 4320000 Gallons
Storage Right: 4320000 Gallons

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	NENE	17	17	16

NRCE Comment: Priority date not provided in adjudication filing. Priority date assumed to be equal to filing date.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-005-W
Adjudication Filing 39-03-88060
Priority Date: 6/14/1982
Type of Use: Stockwater
Feature Name: Red Hill Well
Max. Flow Rate (GPM): 15
Annual Use: 6480000 Gallons
Storage Right: 6480000 Gallons
QQ Sec. I R
Point of Diversion: SENE 23 16 15
NRCE Comment: Revised coordinates and POD location.

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

Water Right #: AJ-006-S
 Adjudication Filings: By Ranch: 39-03-88061
 By USFS:
 By SLD: 39-03-86297

Preadjudication Filing:

Priority Date: 6/20/1910
 Type of Use: Stockwater
 Feature Name: White Tank Well
 Water Source: GW - White Tank Windmill

Tributary:
 Max. Flow Rate (GPM): 15

Annual Use: 6,480,000 Gallons 19.886 Acre-feet
 Storage Right: 6,480,000 Gallons 19.886 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNW	2	16	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-008-W
Adjudication Filing 39-03-88063
Priority Date: 6/14/1982
Type of Use: Stockwater, Domestic, Irrigation
Feature Name: Home (Aja HQ) Well
Max. Flow Rate (GPM):
Annual Use: 6480000 Gallons
Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	NESW	35	18	16

NRCE Comment: Revised coordinates and POD location.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-011-I
Adjudication Filing: 39-03-88066
Priority Date: 6/29/1979
Type of Use: Stockwater
Feature Name: Cement Tank
Water Source: Cement Tank
Tributary: Clear Creek
Annual Use (GAL): 522750
Capacity (AF): 1.6
Length (ft): Width (ft): Depth (ft):
 OO SEC I R
POD Location: SESW 23 17 15
POU Location: NENW 26 17 15
(if different from POD)
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-012-I
Adjudication Filing: 39-03-88067
Priority Date: 6/29/1979
Type of Use: Stockwater
Feature Name: Chevelon Cr. Pump
Water Source: Chevelon Creek
Tributary: Little Colorado
Annual Use (GAL): 720000
Capacity (AF): 0
Length (ft): Width (ft): Depth (ft):
 OO SEC I R
POD Location: NENW 21 16 16
POU Location: NENW 17 16 16
(if different from POD)
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-013-I
Adjudication Filing: 39-03-88068
Priority Date: 6/29/1979
Type of Use: Stockwater
Feature Name: Corbet Tank
Water Source: Corbet Tank
Tributary: Clear Creek
Annual Use (GAL): 829000
Capacity (AF): 2.54
Length (ft): Width (ft): Depth (ft):
 QQ SEC T R
POD Location: NENE 11 17 15
POU Location:
(if different from POD)
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-014-I
Adjudication Filing: 39-03-88069
Priority Date: 6/29/1979
Type of Use: Stockwater
Feature Name: Big Tank
Water Source: Big Tank
Tributary: Clear Creek
Annual Use (GAL): 1890000
Capacity (AF): 5.8
Length (ft): Width (ft): Depth (ft):
 QQ SEC T R
POD Location: SWSE 29 17 16
POU Location:
(if different from POD)
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-015-I
Adjudication Filing: 39-03-88070
Priority Date: 6/29/1979
Type of Use: Stockwater
Feature Name: White Tank
Water Source: White Tank
Tributary: Clear Creek
Annual Use (GAL): 4887440

Capacity (AF): 15

Length (ft):	Width (ft):	Depth (ft):		
	<u>OO</u>	<u>SEC</u>	<u>T</u>	<u>R</u>
POD Location:	L13	2	16	15
POU Location:	NESE	3	16	15

(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-016-S
 Adjudication Filings: By Ranch: 39-03-88071
 By USFS:
 By SLD: 39-03-86395

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockwater
 Feature Name: Chevelon Tank
 Water Source: Chevelon Tank
 Tributary: Chevelon Creek
 Max. Flow Rate (GPM):

Annual Use:	597,000	Gallons	1.832	Acre-feet
Capacity:	597,000	Gallons	1.832	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
S2SE	6	17	17

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-017-S
 Adjudication Filings: By Ranch: 39-03-88072
 By USFS:
 By SLD: 39-03-86301

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockwater
 Feature Name: Red Tank
 Water Source: Red Tank
 Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 796,500 Gallons 2.444 Acre-feet
 Capacity: 796,500 Gallons 2.444 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNW	18	16	16

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSW	18	16	16

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-018-S
 Adjudication Filings: By Ranch: 39-03-88073
 By USFS:
 By SLD: 39-03-86295

Preadjudication Filing:

Priority Date: 12/30/1853
 Type of Use: Stockwater
 Feature Name: Broken Tank
 Water Source: Broken Tank
 Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use:	813,500	Gallons	2.497	Acre-feet
Capacity:	813,500	Gallons	2.497	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
S2NE	36	16	14

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSE	36	16	14

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-019-S
 Adjudication Filings: By Ranch: 39-03-88074
 By USFS:
 By SLD: 39-03-86496

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockwater
 Feature Name: Diego Tank
 Water Source: Diego Tank
 Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 4,236,068 Gallons 13.000 Acre-feet
 Capacity: 4,236,068 Gallons 13.000 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNW	32	18	16

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
W2NW	32	18	16

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-020-I
Adjudication Filing: 39-03-88075
Priority Date: 6/29/1979
Type of Use: Stockwater
Feature Name: Home Tank
Water Source: Home Tank
Tributary: Clear Creek
Annual Use (GAL): 499100
Capacity (AF): 1.53
Length (ft): Width (ft): Depth (ft):
 OO SEC T R
POD Location: NWSW 35 18 16
POU Location:
(if different from POD)
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-021-I
Adjudication Filing: 39-03-88076
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Bottom Tank

Water Source:

Tributary: Clear Creek

Annual Use (GAL): 1629150

Capacity (AF): 5

Length (ft): 250 Width (ft): 200 Depth (ft): 15

QQ SEC T R

POD Location: NWNW 25 18 16

POU Location: SWSW 24 18 16

(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-022-1
Adjudication Filing: 39-03-88077
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Lower Pasture Small Tank
Water Source: Unnamed
Tributary: Chevelon Canyon
Annual Use (GAL): 2606640
Capacity (AF): 8
Length (ft): 640 Width (ft): 210 Depth (ft): 6
QQ SEC I R
POD Location: NWNW 10 17 16
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-023-I
Adjudication Filing: 39-03-88078
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: County Tank #1
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 1205570
Capacity (AF): 3.7
Length (ft): 260 Width (ft): 77 Depth (ft): 8
QQ SEC I R
POD Location: NWNE 29 17 16
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-024-S
 Adjudication Filings: By Ranch: 39-03-88079
 By USFS:
 By SLD: 39-03-86505

Preadjudication Filing:

Priority Date: 12/30/1853
 Type of Use: Stockpond
 Feature Name: River Tank #3
 Water Source: Chevelon Creek
 Tributary: Little Colorado and Clear Creek

Max. Flow Rate (GPM):

Annual Use:	228,096	Gallons	0.700	Acre-feet
Capacity:	228,096	Gallons	0.700	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSW	23	18	17

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSE	16	18	17

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-025-S
 Adjudication Filings: By Ranch: 39-03-88080
 By USFS:
 By SLD: 39-03-86507

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond
 Feature Name: Little Chevelon Tank
 Water Source:
 Tributary: Chevelon Creek and Little Colorado
 Max. Flow Rate (GPM):

Annual Use:	977,554	Gallons	3.000	Acre-feet
Capacity:	977,554	Gallons	3.000	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENE	32	18	17

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-026-S
 Adjudication Filings: By Ranch: 39-03-88081
 By USFS:
 By SLD: 39-03-86392

Preadjudication Filing:

Priority Date: Prior to 1942
 Type of Use: Stockpond
 Feature Name: Big L Tank
 Water Source: Unnamed
 Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use:	2,606,811	Gallons	8.000	Acre-feet
Capacity:	2,606,811	Gallons	8.000	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENE	16	17	16`

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-027-S
 Adjudication Filings: By Ranch: 39-03-88082
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: Prior to 1942
 Type of Use: Stockpond
 Feature Name: County Tank #2
 Water Source: Unnamed
 Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use:	293,266	Gallons	0.900	Acre-feet
Capacity:	293,266	Gallons	0.900	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNE	6	16	16

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-028-1
Adjudication Filing: 39-03-88083
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Bull Tank
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 1954980
Capacity (AF): 6
Length (ft): 474 Width (ft): 270 Depth (ft): 4
 QQ SEC T R
POD Location: N2NE 25 16 15
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-029-I
Adjudication Filing: 39-03-88084
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Little Tank-16 Mile Pasture
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 488750
Capacity (AF): 1.5
Length (ft): 167 Width (ft): 167 Depth (ft): 6
QQ SEC I R
POD Location: SESE 5 16 16
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-032-I
Adjudication Filing: 39-03-88087
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Little L Tank
Water Source: Rainwater & Runoff
Tributary: Chevelon Creek
Annual Use (GAL): 97750
Capacity (AF): 0.3
Length (ft): 120 Width (ft): 159 Depth (ft): 10
 QQ SEC I R
POD Location: NESW 11 17 16
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-034-I

Adjudication Filing: 39-03-88089

Priority Date: Prior to 1942

Type of Use: Stockpond

Feature Name: Big Windmill Tank

Water Source: Unnamed

Tributary: Clear Creek

Annual Use (GAL): 358420

Capacity (AF): 1.1

Length (ft): 200 Width (ft): 125 Depth (ft): 4

QQ SEC I R

POD Location: SENW 4 15 15

POU Location:

(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-035-I
Adjudication Filing: 39-03-88090
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Little Antelope Tank
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 1857230
Capacity (AF): 5.7
Length (ft): 390 Width (ft): 180 Depth (ft): 10

	<u>QQ</u>	<u>SEC</u>	<u>T</u>	<u>R</u>
POD Location:	L4	2	15	15
POU Location:	SWSW	35	16	15

(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-036-S

Adjudication Filings: By Ranch: 39-03-88091

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1942

Type of Use: Stockpond

Feature Name: Antelope Tanks Res.

Water Source: Unnamed

Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 325,851 Gallons 1.000 Acre-feet

Capacity: 325,851 Gallons 1.000 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
N2SE	26	16	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-037-S
 Adjudication Filings: By Ranch: 39-03-88092
 By USFS:
 By SLD: 39-03-86298

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond
 Feature Name: Antelope Tank B
 Water Source: Unnamed
 Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 4,561,920 Gallons 14.000 Acre-feet
 Capacity: 4,561,920 Gallons 14.000 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
N2SE	26	16	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-038-I
Adjudication Filing: 39-03-88093
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Pablo:s Tank
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 521330
Capacity (AF): 1.6
Length (ft): 150 Width (ft): 120 Depth (ft): 8
QQ SEC T R
POD Location: SENE 18 16 15
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-039-I
Adjudication Filing: 39-03-88094
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: County Well Hole
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 391000
Capacity (AF): 1.2
Length (ft): 150 Width (ft): 130 Depth (ft): 6
QQ SEC I R
POD Location: NWSE 13 16 15
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-040-I
Adjudication Filing: 39-03-88095
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Red Hill Tank
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 781990
Capacity (AF): 2.4
Length (ft): 680 Width (ft): 180 Depth (ft): 2
QQ SEC T R
POD Location: NWNE 23 16 15
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-041-1
Adjudication Filing: 39-03-88096
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Small Tank Clear Cr.
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 1629150
Capacity (AF): 5
Length (ft): 230 Width (ft): 350 Depth (ft): 8
QQ SEC T R
POD Location: NENE 33 18 16
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-042-S
Adjudication Filings: By Ranch: 39-03-88097
By USFS:
By SLD: 39-03-86300

Preadjudication Filing:

Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Coyote Tank
Water Source: Unnamed
Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 4,236,068 Gallons 13.000 Acre-feet
Capacity: 4,236,068 Gallons 13.000 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSW	6	16	16

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-043-I
Adjudication Filing: 39-03-88098
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: 28-Mile Tank
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 4887440
Capacity (AF): 15
Length (ft): 200 Width (ft): 60 Depth (ft): 3
QQ SEC T R
POD Location: NWSW 15 15 15
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-044-I
Adjudication Filing: 39-03-88099
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Twin Tank #2
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 1466230
Capacity (AF): 4.5

Length (ft): 320 Width (ft): 200 Depth (ft): 6

QQ SEC I R

POD Location: SWSE 25 17 15

POU Location: NWNE 36 17 15

(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-045-1
Adjudication Filing: 39-03-88100
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Fidel Tank
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 325830
Capacity (AF): 1
Length (ft): 115 Width (ft): 115 Depth (ft): 8
QQ SEC T R
POD Location: NENE 17 17 16
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-046-I
Adjudication Filing: 39-03-88101
Priority Date: Prior to 1942
Type of Use: Stockpond
Feature Name: Middle Tank Clear Cr.
Water Source: Unnamed
Tributary: Clear Creek
Annual Use (GAL): 3030210
Capacity (AF): 9.3
Length (ft): 672 Width (ft): 300 Depth (ft): 8
Q S T R
POD Location: NENE 13 17 15
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-047-I

Adjudication Filing: 39-03-88102

Priority Date: Prior to 1942

Type of Use: Stockpond

Feature Name: County Tank-Big Windmin

Water Source: Unnamed

Tributary: Clear Creek

Annual Use (GAL): 130340

Capacity (AF): 0.4

Length (ft): 125 Width (ft): 75 Depth (ft): 4

QQ SEC T R

POD Location: SENW 4 15 15

POU Location:

(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-048-S
Adjudication Filings: By Ranch: 39-03-88103
By USFS:
By SLD: 39-03-86390

Preadjudication Filing:

Priority Date: 12/30/1853
Type of Use: Stockpond
Feature Name: Twin Tank #1
Water Source: Unnamed
Tributary: Clear Creek
Max. Flow Rate (GPM):

Annual Use: 1,629,257 Gallons 5.000 Acre-feet
Capacity: 1,629,257 Gallons 5.000 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNE	36	17	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-049-S

Adjudication Filings: By Ranch: 39-03-88104

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1942

Type of Use: Stockpond

Feature Name: Antelope Tank A (Little Antelope Tank)

Water Source: Unnamed

Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 4,236,068 Gallons 13.000 Acre-feet

Capacity: 4,236,068 Gallons 13.000 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
N2SW	26	16	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

Water Right #: AJ-050-S

Adjudication Filings: By Ranch:

By USFS:

By SLD: 39-03-86396

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name: Babbitt Tank Canyon instrm.

Water Source:

Annual Use: Gallons Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-051-S
 Adjudication Filings: By Ranch:
 By USFS:
 By SLD: 39-03-86502

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockwater, wildlife
 Feature Name: Little Colo. R. Instream use
 Water Source: Little Colorado River
 Tributary: Colorado River
 Max. Flow Rate (GPM):

Annual Use:	270,457	Gallons	0.830	Acre-feet
Capacity:		Gallons		Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
N/A	N/A	N/A	N/A

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-052-S
 Adjudication Filings: By Ranch:
 By USFS:
 By SLD: 39-03-86506

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Recreation, Fish, & Wildlife
 Feature Name: Chevelon (ditch?) wide area
 Water Source: Chevelon Creek
 Tributary: Little Colorado River
 Max. Flow Rate (GPM):

Annual Use: 270,457 Gallons 0.830 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENWSW	23	18	17

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNENE	22	18	17

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-053-1

Adjudication Filing:

Priority Date: 1970

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed

Tributary:

Annual Use (GAL): 400770

Capacity (AF): 1.23

Length (ft): Width (ft): Depth (ft):

QQ SEC T R

POD Location: NWSW 28 16 15

POU Location:

(if different from POD)

NRCE Comment: Field verified. See photos. Priority date estimated from QUAD map. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-054-I

Adjudication Filing:

Priority Date: 1970

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed

Tributary:

Annual Use (GAL): 1100000

Capacity (AF): 1

Length (ft):	Width (ft):	Depth (ft):		
	<u>QQ</u>	<u>SEC</u>	<u>T</u>	<u>R</u>
POD Location:	SESE	4	17	16

POU Location:

(if different from POD)

NRCE Comment: Evidence of berm visible but has since been washed out. Field verified. See photos. Priority date estimated from QUAD map. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-057-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1968

Type of Use: Stockwater

Feature Name: Impoundment symbol

Water Source:

Tributary:

Max. Flow Rate (GPM):

Annual Use: 17,272 Gallons 0.053 Acre-feet

Capacity: 17,272 Gallons 0.053 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	I	R
SENW	8	18	17

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-059-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use: Stockwater

Feature Name: Impoundment symbol

Water Source:

Tributary:

Max. Flow Rate (GPM):

Annual Use: Gallons Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: AJ-063-S

Adjudication Filings: By Ranch:
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: Prior to 1968

Type of Use: Stockwater

Feature Name: Borrow Pit

Water Source:

Tributary:

Max. Flow Rate (GPM):

Annual Use: Gallons Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESW	6	16	6

Point of Use (if different from Point of Diversion):

Comments:

Borrow Pit

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: AJ-064-I
Adjudication Filing:
Priority Date: Prior to 1942
Type of Use: Stockwater, Domestic
Feature Name: Sixteen Mile Tank and Water Tank

Water Source: Chevelon Canyon
Tributary: Little Colorado River

Annual Use (GAL): 1100000

Capacity (AF): 0.17

Length (ft): 17 Width (ft): 17 Depth (ft): 8

QQ SEC T R

POD Location: NESW 21 16 16

POU Location: NENW 21 16 16

(if different from POD)

NRCE Comment: Field verified. See photos. Pumping station serves Sixteenmile Tank. Capacity of tank estimated from aerial imagery and photographs. Annual use obtained from pre-adjudication filing.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-065-W

Adjudication Filing

Priority Date: 8/10/2013

Type of Use: Stockwater

Feature Name: Big Tank well

Max. Flow Rate (GPM):

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	SESW	21	17	16

NRCE Comment: Drilled within the last three years. Field verified. See photos. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: AJ-066-W

Adjudication Filing

Priority Date: 2/10/2015

Type of Use: Stockwater

Feature Name: Duran Well

Max. Flow Rate (GPM): 20

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	SESW	11	15	15

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

EXHIBIT 5.10.1K

Map of Clear Creek Ranch trust lands

IN PROCESS OF FINALIZATION

EXHIBIT 5.10.1KK

ATTACHED

EXHIBIT 5.10.1KK

Hopi Abstracts for Clear Creek Ranch trust lands

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-001-I
Adjudication Filing: 39-03-85497
Priority Date: 4/15/1985
Type of Use: Stockpond, Wildlife
Feature Name: David's Tank
Water Source: Arroyo
Tributary: Jack's Canyon
Annual Use (GAL): 240470
Capacity (AF): 0.738
Length (ft): 65 Width (ft): 90 Depth (ft): 8
 QQ SEC T R
POD Location: NESW 13 17 13

POU Location:
(if different from POD)

NRCE Comment: Stockpond built to preserve water and stop road erosion. Priority date not provided in adjudication filing. Assumed to be equal to construction date. Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-002-1
Adjudication Filing: 39-03-85498
Priority Date: 4/22/1985
Type of Use: Stockpond, Wildlife
Feature Name: Bob's Tank
Water Source: Arroyo
Tributary: Jack's Canyon
Annual Use (GAL): 199740
Capacity (AF): 0.613
Length (ft): 85 Width (ft): 65 Depth (ft): 10
 QQ SEC T R
POD Location: NENW 13 17 13

POU Location:
(if different from POD)

NRCE Comment: Built to preserve water & stop road erosion. Priority date not in adjudication filing; assumed equal to construction date. Revised coordinates and POD location. Duplicate of filing 39-03-89403. Annual use assumed equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-003-S
 Adjudication Filings: By Ranch: 39-03-85499
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 4/24/1985
 Type of Use: Stockpond, Wildlife
 Feature Name: Abstract Deleted
 Water Source: Arroyo
 Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use:	374,729	Gallons	1.150	Acre-feet
Capacity:	374,729	Gallons	1.150	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNENW	2	17	13

Point of Use (if different from Point of Diversion):

Comments:

Abstract Deleted (Amended with CC-108-S)

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: CC-004-W
Adjudication Filing 39-03-87911
Priority Date: Pre 1933
Type of Use: Stockwater, Domestic
Feature Name: Hotcake Well & Tank
Max. Flow Rate (GPM):
Annual Use: 1.91 AF
Storage Right:

QQ Sec. T R

Point of Diversion:

NRCE Comment: Feature spans 3 separate sections as follows: Lot 1 Sec. 33 T17N R14E; Lot 4 Sec. 34 T17N R14E; Lot 4 Sec. 3 T16N R14E. Revised coordinates and POD location.

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

Water Right #: CC-006-S

Adjudication Filings: By Ranch: 39-03-87913

By USFS:

By SLD: 39-03-86385

Preadjudication Filing:

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed wash

Water Source: Moonlight Draw

Annual Use: 276,974 Gallons 0.850 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSW, SWSW	24	17	14

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-008-S
Adjudication Filings: By Ranch: 39-03-87915
By USFS:
By SLD:
Preadjudication Filing: 36-21627
Priority Date: Pre February 1915
Type of Use: Stockpond, Wildlife
Feature Name: Rock Station Water Hole #1
Water Source: Jack's Canyon at Rock Station
Tributary: Little Colorado
Max. Flow Rate (GPM):

Annual Use: Gallons Acre-feet
Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESE	25	18	15

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-009-I
Adjudication Filing: 39-03-87916
Priority Date: Fall 1947
Type of Use: Stockpond, Wildlife
Feature Name: Pump Ranch Tank
Water Source: Pump Ranch & Birch Draw
Tributary: Clear Creek
Annual Use (GAL): 1065470
Capacity (AF): 3.27
Length (ft): Width (ft): Depth (ft):
 QQ SEC T R
POD Location: NWSE 9 16 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

Water Right #: CC-010-S

Adjudication Filings: By Ranch: 39-03-87917

By USFS:

By SLD: 39-03-86473

Preadjudication Filing:

Priority Date: 12/30/1853

Type of Use: Stockpond, Wildlife

Feature Name: Jacks Canyon

Water Source: Jack's Canyon

Annual Use: 276,974 Gallons 0.850 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNE	36	18	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-011-I

Adjudication Filing: 39-03-87918

Priority Date: 1913

Type of Use: Stockpond, Wildlife

Feature Name: Dick Hart Tank

Water Source: Dick Heart Draw

Tributary: Jack's Canyon

Annual Use (GAL): 4887440

Capacity (AF): 15

Length (ft): Width (ft): Depth (ft):

POD Location: L11 3 16 13

POU Location:

(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-012-I
Adjudication Filing: 39-03-87919
Priority Date: Before Feb. 1915
Type of Use: Stockpond, Wildlife
Feature Name: Moonlight Bay Tank
Water Source: Moonlight Draw
Tributary: Jack's Canyon
Annual Use (GAL): 3225800
Capacity (AF): 155.0

Length (ft):	Width (ft):	Depth (ft):		
	<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
POD Location:	NW	17	17	15

POU Location:
(if different from POD)

NRCE Comment: No capacity given in adjudication filing. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use from pre-adjudication filing used.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-013-1
Adjudication Filing: 39-03-87920
Priority Date: Pre 1960
Type of Use: Stockpond, Wildlife
Feature Name: Upper Moonlight Tank
Water Source: Moonlight Draw
Tributary: Jack's Canyon
Annual Use (GAL): 1143660
Capacity (AF): 3.51

Length (ft):	Width (ft):	Depth (ft):		
	<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
POD Location:	SWNW	17	17	15

POU Location:
(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-014-1

Adjudication Filing: 39-03-87921

Priority Date: Pre 1957

Type of Use: Stockpond, Wildlife

Feature Name: Simms Tank

Water Source: Simms Draw

Tributary: Jack's Canyon

Annual Use (GAL): 2883590

Capacity (AF): 8.85

Length (ft): Width (ft): Depth (ft):

POD Location: L4, L5 1 16 14

POU Location:

(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-017-1
Adjudication Filing: 39-03-87924
Priority Date: Pre 1930
Type of Use: Stockpond, Wildlife
Feature Name: Haight-Lovelady Tank
Water Source: Mountain Side (sunset)
Tributary: Clear Creek
Annual Use (GAL): 97750
Capacity (AF): 0.30
Length (ft): Width (ft): Depth (ft):

POD Location: SENW 17 16 14
POU Location:
(if different from POD)
NRCE Comment: Field verified. See photos. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-020-1
Adjudication Filing: 39-03-87927

Priority Date: July 1968
Type of Use: Stockpond, Wildlife

Feature Name: East Eckles Tank
Water Source: Eckles Draw

Tributary: Jacks
Annual Use (GAL): 127080

Capacity (AF): 0.39

Length (ft):	Width (ft):	Depth (ft):		
	<u>QQ</u>	<u>SEC</u>	<u>T</u>	<u>R</u>
POD Location:	L4	1	16	13

POU Location:
(if different from POD)

NRCE Comment: Filings claim 3 separate tanks: Upper, Middle, and Lower Eckles Tank. Only one verified on NHD database, QUAD map, and aerial imagery. The other two filings were removed. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-022-1
Adjudication Filing: 39-03-87929
Priority Date: Fall 1968
Type of Use: Stockpond
Feature Name: Horse (Horse Pasture) Tank
Water Source: Horse Tank Draw
Tributary: Jack's Canyon
Annual Use (GAL): 270440
Capacity (AF): 0.83
Length (ft): Width (ft): Depth (ft):
 OO SEC I R
POD Location: SWNE 3 17 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-023-I
Adjudication Filing: 39-03-87930
Priority Date: Pre 1957
Type of Use: Stockpond, Wildlife
Feature Name: Simms Silt Trap
Water Source: Simms Draw
Tributary: Jack's Canyon
Annual Use (GAL): 2121150
Capacity (AF): 6.51
Length (ft): Width (ft): Depth (ft):
 OO SEC I R
POD Location: L5 1 16 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-024-I
Adjudication Filing: 39-03-87931
Priority Date: Spring 1968
Type of Use: Stockpond, Wildlife
Feature Name: Cedar Tree Tank
Water Source: Highway 87 Detour
Tributary: Jack's Canyon
Annual Use (GAL): 32590
Capacity (AF): 0.1

Length (ft):	Width (ft):	Depth (ft):		
	<u>QQ</u>	<u>SEC</u>	<u>T</u>	<u>R</u>
POD Location:	NESWSW	35	17	14

POU Location:
(if different from POD)

NRCE Comment: Field verified. See photos. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-026-S
 Adjudication Filings: By Ranch: 39-03-87933
 By USFS:
 By SLD: 39-03-86373

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Chauncey Tank
 Water Source: Chauncey Draw
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	4,887,771	Gallons	15.000	Acre-feet
Capacity:	4,887,771	Gallons	15.000	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNE	24	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-027-1

Adjudication Filing: 39-03-87934

Priority Date: 7/1/1945

Type of Use: Stockpond, Wildlife

Feature Name: Rincon Tank

Water Source: Rincon Draw

Tributary: Jack's Canyon

Annual Use (GAL): 2369753

Capacity (AF): 72.73

Length (ft): Width (ft): Depth (ft):

QQ SEC I R

POD Location: L3 5 16 14

POU Location:

(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-028-S
Adjudication Filings: By Ranch: 39-03-87935
By USFS:
By SLD: 39-03-86384

Preadjudication Filing:

Priority Date: Spring 1957
Type of Use: Stockpond, Wildlife
Feature Name: Sloppy Tank
Water Source: Sloppy Draw
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 1,120,929 Gallons 3.440 Acre-feet
Capacity: 1,120,929 Gallons 3.440 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
W2NW	12	17	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-029-S

Adjudication Filings: By Ranch: 39-03-87936
 By USFS:
 By SLD: 39-03-86487

Preadjudication Filing:

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Upper Algerita Tank

Water Source: Moonlight Draw and Sloppy Draw

Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	671,254	Gallons	2.060	Acre-feet
Capacity:	671,254	Gallons	2.060	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNWSE	32	18	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-030-S
 Adjudication Filings: By Ranch: 39-03-87937
 By USFS:
 By SLD: 39-03-86375

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Fanning Tank
 Water Source: Fanning Draw
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	3,222,670	Gallons	9.890	Acre-feet
Capacity:	3,222,670	Gallons	9.890	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESE	26	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-031-S
 Adjudication Filings: By Ranch: 39-03-87938; 39-03-87932
 By USFS:
 By SLD: 39-03-86387; 39-03-86386

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Autry Tank and Silt Trap
 Water Source: Rincon Draw
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 6,064,095 Gallons 18.610 Acre-feet
 Capacity: 6,064,095 Gallons 18.610 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSE, NESW	28	17	14

Point of Use (if different from Point of Diversion):

Comments:

Storage capacity is total for Autry Tank (13.61 af) and Autry Silt Trap (5 af).

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-032-S
Adjudication Filings: By Ranch: 39-03-87939
By USFS:
By SLD: 39-03-86283

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Hidden Tank
Water Source: Hidden Draw
Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 244,389 Gallons 0.750 Acre-feet
Capacity: 244,389 Gallons 0.750 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSE	22	16	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-033-S
 Adjudication Filings: By Ranch: 39-03-87940
 By USFS:
 By SLD: 39-03-86380

Preadjudication Filing:

Priority Date: 1938
 Type of Use: Stockpond, Wildlife
 Feature Name: Lower Gravel Pit Tank
 Water Source: Dick Heart Draw
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	4,887,771	Gallons	15.000	Acre-feet
Capacity:	4,887,771	Gallons	15.000	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSE	34	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-034-S
Adjudication Filings: By Ranch: 39-03-87941
By USFS:
By SLD: 39-03-86286

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Birch Tank
Water Source: Birch Draw
Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 915,642 Gallons 2.810 Acre-feet
Capacity: 915,642 Gallons 2.810 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSWSE	6	16	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-035-S
Adjudication Filings: By Ranch: 39-03-87942
By USFS:
By SLD: 39-03-86381

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Upper Gravel Pit Tank
Water Source: Dick Heart Draw
Tributary: Jack's Canyon
Max. Flow Rate (GPM):

Annual Use: 3,209,636 Gallons 9.850 Acre-feet
Capacity: 3,209,636 Gallons 9.850 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNWSE	34	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-036-I
Adjudication Filing: 39-03-87943
Priority Date: Pre 1960
Type of Use: Stockpond, Wildlife
Feature Name: Middle Moonlight Tank
Water Source: Moonlight Draw
Tributary: Jack's Canyon
Annual Use (GAL): 3385370
Capacity (AF): 10.39
Length (ft): Width (ft): Depth (ft):
 OO SEC T R
POD Location: SWNW 17 17 15
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: CC-038-W
Adjudication Filing 39-03-87945
Priority Date: 1933
Type of Use: Stockwater
Feature Name: Tin Ranch Well & Tank

Max. Flow Rate (GPM): 2

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	SESWNW	23	17	14

NRCE Comment: No annual use amount given in filings. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: CC-039-W
Adjudication Filing 39-03-87946
Priority Date: 1930
Type of Use: Stockwater
Feature Name: Boundary Well & Tank
Max. Flow Rate (GPM):
Annual Use: 1.6 AF
Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	NENENE	19	16	13

NRCE Comment:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: CC-040-W
Adjudication Filing 39-03-87947
Priority Date: Pre 1940
Type of Use: Stockwater
Feature Name: Well #12 & Tank

Max. Flow Rate (GPM):

Annual Use: 1.91 AF

Storage Right:

	<u>OO</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	SESENE	17	17	14

NRCE Comment:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-041-S
 Adjudication Filings: By Ranch: 39-03-87948
 By USFS:
 By SLD: 39-03-86289

Preadjudication Filing:

Priority Date: 12/20/1853
 Type of Use: Stockwater
 Feature Name: Pump Ranch Pump & Tank
 Water Source: East Clear Creek
 Tributary: Little Colorado
 Max. Flow Rate (GPM):

Annual Use: 1,251,269 Gallons 3.840 Acre-feet
 Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESENE	16	16	14

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSENE	16	16	14

Comments:

WATER RIGHTS ABSTRACTS FOR SPRINGS ON HOPI RANCH LANDS

Water Right #: CC-042-S
Adjudication Filing 39-03-87949
Priority Date: Pre 1940
Type of Use: Stockwater
Feature Name: East Sunset Spring
Water Source: Spring
Tributary: Jack's Canyon
QQ SEC T R
Point of Diversion: SWNW 29 17 14
NRCE Comment: Revised coordinates and POD location.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-045-S
 Adjudication Filings: By Ranch: 39-03-89315
 By USFS:
 By SLD: 39-03-86466

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockwater, Wildlife
 Feature Name: (Old) Coon Tank
 Water Source: Coon Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	4,460,906	Gallons	13.690	Acre-feet
Capacity:	4,460,906	Gallons	13.690	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSWNE	4	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-046-S
Adjudication Filings: By Ranch: 39-03-89316
By USFS:
By SLD: 39-03-86465

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond
Feature Name: New Coon Tank
Water Source: Coon Wash
Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 2,007,245 Gallons 6.160 Acre-feet
Capacity: 10,609,722 Gallons 32.560 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SENWSW	4	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-047-I
Adjudication Filing: 39-03-89317
Priority Date: 7/30/1948
Type of Use: Stockpond, Wildlife
Feature Name: Well #11/Windmill Well #11 Tank
Water Source: GW - Well #11
Tributary:

Annual Use (GAL): 155100

Capacity (AF): 0.476

Length (ft): 72 Width (ft): 72 Depth (ft): 4

OO SEC I R

POD Location: NENE 9 18 14

POU Location:
(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-048-S
 Adjudication Filings: By Ranch: 39-03-89318
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 7/1/1984
 Type of Use: Stockpond, Wildlife
 Feature Name: Waterhole #3 Tank
 Water Source: Mesa Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	105,250	Gallons	0.323	Acre-feet
Capacity:	105,250	Gallons	0.323	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESESE	12	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-051-S
 Adjudication Filings: By Ranch: 39-03-89321
 By USFS:
 By SLD: 39-03-86467

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Ray's Tank
 Water Source: Tucker Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	1,039,466	Gallons	3.190	Acre-feet
Capacity:	1,039,466	Gallons	3.190	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESE	14	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-052-S
 Adjudication Filings: By Ranch: 39-03-89322
 By USFS:
 By SLD: 39-03-86468

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockwater, Wildlife
 Feature Name: Rowlan (Rawlin's) Tank
 Water Source: Coon Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 2,955,472 Gallons 9.070 Acre-feet
 Capacity: 2,955,472 Gallons 9.070 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SEENW	20	18	14

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
E2NW	20	18	14

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-053-S
 Adjudication Filings: By Ranch: 39-03-89323
 By USFS:
 By SLD: 39-03-86469

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Prairie Dog Tank
 Water Source: Tucker Wash
 Tributary: Unknown

Max. Flow Rate (GPM):

Annual Use: 4,662,934 Gallons 14.310 Acre-feet
 Capacity: 4,662,934 Gallons 14.310 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNENE	22	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-054-1
Adjudication Filing: 39-03-89324
Priority Date: 10/15/1982
Type of Use: Stockpond, Wildlife
Feature Name: Immanuel's Tank
Water Source: Back Wash
Tributary: Little Colorado River
Annual Use (GAL): 190940
Capacity (AF): 0.586
Length (ft): 39 Width (ft): 209 Depth (ft): 6
 QQ SEC T R
POD Location: NWSENE 23 18 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-055-S
 Adjudication Filings: By Ranch: 39-03-89325
 By USFS:
 By SLD: 39-03-86470

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Roadway Tank #2
 Water Source: Back Wash
 Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use:	1,101,378	Gallons	3.380	Acre-feet
Capacity:	1,101,378	Gallons	3.380	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESWNE	24	18	14

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-056-I
Adjudication Filing: 39-03-89326
Priority Date: 9/9/1981
Type of Use: Stockpond, Wildlife
Feature Name: Roadway Tank #1
Water Source: Highway Wash
Tributary: Jack's Canyon
Annual Use (GAL): 4760360
Capacity (AF): 14.61
Length (ft): 345 Width (ft): 353 Depth (ft): 10
QQ SEC T R
POD Location: L1 25 18 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-057-1
Adjudication Filing: 39-03-89327
Priority Date: 6/1/1971
Type of Use: Stockpond, Wildlife
Feature Name: Karen's Tank
Water Source: Highway Wash
Tributary: Jack's Canyon
Annual Use (GAL): 131310
Capacity (AF): 0.403
Length (ft): 60 Width (ft): 80 Depth (ft): 7
 QQ SEC T R
POD Location: NWSESW 25 18 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-058-S
 Adjudication Filings: By Ranch: 39-03-89328
 By USFS:
 By SLD: 39-03-86471

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Clay's Tank
 Water Source: Highway Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 1,951,850 Gallons 5.990 Acre-feet
 Capacity: 1,951,850 Gallons 5.990 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENE	34	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-059-I
Adjudication Filing: 39-03-89329
Priority Date: 6/1/1930
Type of Use: Stockpond, Wildlife
Feature Name: Old Hobo Tank
Water Source: Coon Wash
Tributary: Unknown
Annual Use (GAL): 3277840
Capacity (AF): 10.06
Length (ft): 255 Width (ft): 235 Depth (ft): 14
 QQ SEC T R
POD Location: NESWSW 31 18 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-060-I
Adjudication Filing: 39-03-89330
Priority Date: 5/1/1965
Type of Use: Stockpond, Wildlife
Feature Name: Fisher Tank
Water Source: Fisher Wash
Tributary: Jack's Canyon
Annual Use (GAL): 1306580
Capacity (AF): 4.01
Length (ft): 340 Width (ft): 164 Depth (ft): 6
 OO SEC T R
POD Location: L8 33 17 13
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-061-S
 Adjudication Filings: By Ranch: 39-03-89331
 By USFS:
 By SLD: 39-03-86472

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond
 Feature Name: Highway Tanks #1/#2
 Water Source: Highway Wash
 Tributary: Little Colorado
 Max. Flow Rate (GPM):

Annual Use: 1,277,337 Gallons 3.920 Acre-feet
 Capacity: 16,188,298 Gallons 49.680 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNE, NENW	34	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-063-S
Adjudication Filings: By Ranch: 39-03-89332
By USFS:
By SLD: 39-03-86475

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Model A Tank
Water Source: State Wash

Tributary:

Max. Flow Rate (GPM):

Annual Use: 847,214 Gallons 2.600 Acre-feet
Capacity: 847,214 Gallons 2.600 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESW	4	18	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-067-S
Adjudication Filings: By Ranch: 39-03-89336
By USFS:
By SLD:

Preadjudication Filing:

Priority Date: 10/15/1982
Type of Use: Stockpond, Wildlife
Feature Name: Alpha Tank
Water Source: Mesa Wash
Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use: 12,382 Gallons 0.038 Acre-feet
Capacity: 12,382 Gallons 0.038 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESWSE	6	18	15

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-073-S
 Adjudication Filings: By Ranch: 39-03-89342
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 10/15/1982
 Type of Use: Stockpond, Wildlife
 Feature Name: Waterhole #2
 Water Source: Mesa Wash
 Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use:	183,780	Gallons	0.564	Acre-feet
Capacity:	183,780	Gallons	0.564	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSWSW	7	18	15

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-077-S
Adjudication Filings: By Ranch: 39-03-89346
By USFS:
By SLD: 39-03-86480

Preadjudication Filing:

Priority Date: 12/30/1853
Type of Use: Stockpond, Wildlife
Feature Name: Bar Pitt Tank
Water Source: State Wash
Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 3,776,618 Gallons 11.590 Acre-feet
Capacity: 3,776,618 Gallons 11.590 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNWSE	16	18	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-078-S
 Adjudication Filings: By Ranch: 39-03-89347
 By USFS:
 By SLD: 39-03-86481

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Headquarters (HQ) Tank
 Water Source: Tucker Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	260,681	Gallons	0.800	Acre-feet
Capacity:	260,681	Gallons	0.800	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNWNW	18	18	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-079-S
 Adjudication Filings: By Ranch: 39-03-89348
 By USFS:
 By SLD: 39-03-86485

Preadjudication Filing:

Priority Date: 1930's
 Type of Use: Stockwater, Wildlife
 Feature Name: Highway Well & Tank
 Water Source: Highway Wash
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	241,130	Gallons	0.740	Acre-feet
Capacity:	24,113	Gallons	0.074	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESESE	25	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-080-I
Adjudication Filing: 39-03-89349
Priority Date: 6/1/1958
Type of Use: Stockpond, Wildlife
Feature Name: Corner Tank
Water Source: Number One Wash
Tributary: Little Colorado River
Annual Use (GAL): 1335900
Capacity (AF): 4.1
Length (ft): 184 Width (ft): 186 Depth (ft): 10
QQ SEC T R
POD Location: L2 1 18 13
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-081-I
Adjudication Filing: 39-03-89350
Priority Date: 8/23/1984
Type of Use: Stockpond, Wildlife
Feature Name: Well #7 & Windmill Well #7 Tank
Water Source: Well
Tributary:
Annual Use (GAL): 76570
Capacity (AF): 0.235
Length (ft): 33 Width (ft): 32 Depth (ft): 6
 QQ SEC T R
POD Location: SWSWSW 13 18 13
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-082-SO
Adjudication Filings: By Ranch: 39-03-89351
By USFS:
By SLD: 39-03-86462

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Rock House Tank
Water Source: West Coon Wash
Tributary: Little Colorado
Max. Flow Rate (GPM):

Annual Use:	1,824,768	Gallons	5.600	Acre-feet
Capacity:	9,452,949	Gallons	29.010	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSE, NWNE	21, 28	18	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-083-1
Adjudication Filing: 39-03-89352
Priority Date: 6/1/1940
Type of Use: Stockpond, Wildlife
Feature Name: King Tank
Water Source: Sunset Wash
Tributary: Little Colorado River
Annual Use (GAL): 2626190
Capacity (AF): 8.06
Length (ft): 420 Width (ft): 200 Depth (ft): 8
QQ SEC T R
POD Location: SWSE 29 18 13
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-084-S
 Adjudication Filings: By Ranch: 39-03-89353
 By USFS:
 By SLD: 39-03-86464

Preadjudication Filing:

Priority Date: 12/30/1853
 Type of Use: Stockpond, Wildlife
 Feature Name: New Hobo Tank
 Water Source: Coon Wash
 Tributary: Unknown

Max. Flow Rate (GPM):

Annual Use:	4,007,972	Gallons	12.300	Acre-feet
Capacity:	4,007,972	Gallons	12.300	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
W2SE, NESW	36	18	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-087-S
 Adjudication Filings: By Ranch: 39-03-89356
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 6/1/1975
 Type of Use: Stockpond, Wildlife
 Feature Name: North Corner Tank
 Water Source: Number One Wash
 Tributary: Little Colorado River
 Max. Flow Rate (GPM):

Annual Use:	1,844,319	Gallons	5.660	Acre-feet
Capacity:	1,844,319	Gallons	5.660	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSE	20	19	14

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSE, SESW	20	19	14

Comments:

Unverified location

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-088-1
Adjudication Filing: 39-03-89357
Priority Date: 7/1/1975
Type of Use: Stockpond, Wildlife
Feature Name: Well #1 & Windmill Well #1 Tank
Water Source: GW - Well #1

Tributary:

Annual Use (GAL): 241120

Capacity (AF): 0.74

Length (ft): 104 Width (ft): 104 Depth (ft): 9.3

QQ SEC T R

POD Location: NESWNE 21 19 14

POU Location:

(if different from POD)

NRCE Comment: Priority date not provided in adjudication filing. Assumed to be equal to construction date. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-089-I
Adjudication Filing: 39-03-89358
Priority Date: 6/1/1935
Type of Use: Stockpond, Wildlife
Feature Name: Indian Tank
Water Source: Indian Wash
Tributary: Little Colorado
Annual Use (GAL): 8820190
Capacity (AF): 27.07
Length (ft): 575 Width (ft): 327 Depth (ft): 12
 QQ SEC T R
POD Location: NESWSW 35 19 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-090-I
Adjudication Filing: 39-03-89359
Priority Date: 5/1/1955
Type of Use: Stockpond, Wildlife
Feature Name: Squaw Tank
Water Source: Coon Wash
Tributary: Jack's Canyon
Annual Use (GAL): 5620550
Capacity (AF): 17.25
Length (ft): 680 Width (ft): 370 Depth (ft): 12
QQ SEC T R
POD Location: W2SW 21 18 14
POU Location:
(if different from POD)
NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-091-S
 Adjudication Filings: By Ranch: 39-03-89360
 By USFS:
 By SLD: 39-03-86565

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Tucker Tank West
 Water Source: Tucker Flat Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	1,824,768	Gallons	5.600	Acre-feet
Capacity:	15,836,378	Gallons	48.600	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSWNE, SESENE	24	19	14

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNE, SENW, NWSE, & NESW	24	19	14

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-092-S
Adjudication Filings: By Ranch: 39-03-89361
By USFS:
By SLD: 39-03-86566

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond
Feature Name: Tucker Tank East
Water Source: Tucker Flat Wash
Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 1,691,169 Gallons 5.190 Acre-feet
Capacity: 1,691,169 Gallons 5.190 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESWNE	24	19	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-093-S
 Adjudication Filings: By Ranch: 39-03-89362
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 5/1/1955
 Type of Use: Stockpond, Wildlife
 Feature Name: Tucker Tank East Overflow
 Water Source: Tucker Flat Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	309,559	Gallons	0.950	Acre-feet
Capacity:	309,559	Gallons	0.950	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESWNE	24	19	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-094-S
Adjudication Filings: By Ranch: 39-03-89363
By USFS:
By SLD:

Preadjudication Filing:

Priority Date: 5/1/1955
Type of Use: Stockpond, Wildlife
Feature Name: Tucker Tank Middle
Water Source: Tucker Flat Wash
Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 95,474 Gallons 0.293 Acre-feet
Capacity: 95,474 Gallons 0.293 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSWNE	24	19	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-095-S
 Adjudication Filings: By Ranch: 39-03-89364
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 5/1/1955
 Type of Use: Stockpond, Wildlife
 Feature Name: Tucker Tank West Overflow
 Water Source: Tucker Flat Wash
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	25,091	Gallons	0.077	Acre-feet
Capacity:	25,091	Gallons	0.077	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESENW	24	19	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-097-S
 Adjudication Filings: By Ranch: 39-03-89366
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 6/15/1975
 Type of Use: Stockpond, Wildlife
 Feature Name: Rabbit Tank
 Water Source: Unnamed
 Tributary: Tucker wash

Max. Flow Rate (GPM):

Annual Use: 1,844,319 Gallons 5.660 Acre-feet
 Capacity: 1,844,319 Gallons 5.660 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNW	12	18	14

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-098-S
 Adjudication Filings: By Ranch: 39-03-89367
 By USFS:
 By SLD: 39-03-86569

Preadjudication Filing:

Priority Date: 12/30/1853
 Type of Use: Stockpond, Wildlife
 Feature Name: Tamerack (Right of Way) Tank
 Water Source: West Toltee Divide
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	775,526	Gallons	2.380	Acre-feet
Capacity:	775,526	Gallons	2.380	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	I	<u>R</u>
NWNWSW	16	19	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-099-I
Adjudication Filing: 39-03-89368
Priority Date: 7/1/1965
Type of Use: Stockpond, Wildlife
Feature Name: North Tank
Water Source: Number One Wash
Tributary: unknown
Annual Use (GAL): 3672100
Capacity (AF): 11.27
Length (ft): 290 Width (ft): 270 Depth (ft): 12
QQ SEC T R
POD Location: SESWNE 31 19 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-101-S
Adjudication Filings: By Ranch: 39-03-89370
By USFS:
By SLD: 39-03-86383

Preadjudication Filing:

Priority Date: 6/1/1955
Type of Use: Stockpond, Wildlife
Feature Name: Bull Pasture Tank
Water Source: Bull Pasture Wash
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 2,303,769 Gallons 7.070 Acre-feet
Capacity: 2,303,769 Gallons 7.070 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSESW	4	17	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-102-S
 Adjudication Filings: By Ranch: 39-03-89371
 By USFS:
 By SLD: 39-03-91636

Preadjudication Filing:

Priority Date: 10/7/1982
 Type of Use: Stockpond, Wildlife
 Feature Name: Father's (Little John's) Tank
 Water Source: Paul's Wash
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	1,303,406	Gallons	4.000	Acre-feet
Capacity:	1,303,406	Gallons	4.000	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESW	6	17	14

Point of Use (if different from Point of Diversion):

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
E2SW	6	17	14

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-103-I
Adjudication Filing: 39-03-89372
Priority Date: 6/1/1970
Type of Use: Stockpond, Wildlife
Feature Name: Little John's Tank
Water Source: Bull Pasture Wash
Tributary: Jack's Canyon
Annual Use (GAL): 94170
Capacity (AF): 0.289
Length (ft): 61 Width (ft): 79 Depth (ft): 5
 QQ SEC T R
POD Location: NESESE 7 17 14
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-105-S
Adjudication Filings: By Ranch: 39-03-89374
By USFS:
By SLD: 39-03-91633

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Brett's (Lynn's) Tank
Water Source: Moon Wash
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 635,410 Gallons 1.950 Acre-feet
Capacity: 635,410 Gallons 1.950 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNWNE	18	17	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-106-I
Adjudication Filing: 39-03-89375
Priority Date: 10/1/1983
Type of Use: Stockpond, Wildlife
Feature Name: LTMVTank
Water Source: unknown
Tributary: unknown
Annual Use (GAL): 697280
Capacity (AF): 2.14
Length (ft): 250 Width (ft): 102 Depth (ft): 7
QQ SEC T R
POD Location: SENE 3 17 13
POU Location:
(if different from POD)
NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-107-S
 Adjudication Filings: By Ranch: 39-03-89376
 By USFS:
 By SLD: 39-03-86372
 Preadjudication Filing:
 Priority Date: 6/20/1910
 Type of Use: Stockpond, Wildlife
 Feature Name: Well #10 & Windmill Well #10 Tank
 Water Source: GW - Well #10

Tributary:

Max. Flow Rate (GPM):

Annual Use:	241,130	Gallons	0.740	Acre-feet
Capacity:	29,327	Gallons	0.090	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SENWNW	2	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-108-S

Adjudication Filings: By Ranch: 39-03-89376; 39-03-85499

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 5/1/1985

Type of Use: Stockpond, Wildlife

Feature Name: Bruce's Tank

Water Source: Coon Wash

Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 348,661 Gallons 1.070 Acre-feet

Capacity: 348,661 Gallons 1.070 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNW	2	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-109-I
Adjudication Filing: 39-03-89377
Priority Date: 12/13/1929
Type of Use: Stockpond, Wildlife
Feature Name: Porcupine (Red Hill) Tank
Water Source: Coon Wash
Tributary: Little Colorado River
Annual Use (GAL): 3391880
Capacity (AF): 10.41
Length (ft): 350 Width (ft): 540 Depth (ft): 5
OO SEC T R
POD Location: NENESW 5 17 13
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-110-I

Adjudication Filing: 39-03-89378

Priority Date: 8/7/1953

Type of Use: Stockpond, Wildlife

Feature Name: (West) Sunset Well & Tank

Water Source: GW - (West) Sunset Well

Tributary:

Annual Use (GAL): 1169730

Capacity (AF): 3.59

Length (ft): 129 Width (ft): 129 Depth (ft): 12

QQ SEC T R

POD Location: L4 7 17 13

POU Location:

(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-111-1

Adjudication Filing: 39-03-89379

Priority Date: 4/1/1972

Type of Use: Stockpond, Wildlife

Feature Name: Sunset Tank

Water Source: Sunset Wash

Tributary: Jack's Canyon

Annual Use (GAL): 439870

Capacity (AF): 1.35

Length (ft): 115 Width (ft): 123 Depth (ft): 8

QQ SEC T R

POD Location: SWNW 9 17 13

POU Location:

(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-112-S
Adjudication Filings: By Ranch: 39-03-89380
By USFS:
By SLD:

Preadjudication Filing:

Priority Date: 11/1/1968
Type of Use: Stockpond, Wildlife
Feature Name: Blazer Tank
Water Source: Blazer Wash
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 44,316 Gallons 0.136 Acre-feet
Capacity: 44,316 Gallons 0.136 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSEW	12	17	13

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-113-S
 Adjudication Filings: By Ranch: 39-03-89381
 By USFS:
 By SLD: 39-03-91765

Preadjudication Filing:

Priority Date: 12/31/1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Carolyn's Tank
 Water Source: Unknown
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	9,776	Gallons	0.030	Acre-feet
Capacity:	9,776	Gallons	0.030	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSESW	12	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-115-I
Adjudication Filing: 39-03-89383
Priority Date: 10/7/1984
Type of Use: Stockpond, Wildlife
Feature Name: Joyanna's Tank
Water Source: Coon Wash
Tributary: Jack's Canyon
Annual Use (GAL): 439870
Capacity (AF): 1.35

Length (ft): 137 Width (ft): 95 Depth (ft): 8

OO SEC T R

POD Location: NESW 13 17 13

POU Location:
(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-116-I

Adjudication Filing: 39-03-89384

Priority Date: 6/1/1968

Type of Use: Stockpond, Wildlife

Feature Name: Robin's Tank

Water Source: Coon Wash

Tributary: Jack's Canyon

Annual Use (GAL): 801540

Capacity (AF): 2.46

Length (ft): 148 Width (ft): 139 Depth (ft): 10

QQ SEC T R

POD Location: NESW 13 17 13

POU Location:

(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-117-S
Adjudication Filings: By Ranch: 39-03-89385
By USFS:
By SLD: 39-03-91634

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Upper Red Tank
Water Source: Red Tanks Wash
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	3,587,624	Gallons	11.010	Acre-feet
Capacity:	3,587,624	Gallons	11.010	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENW	20	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-119-I
Adjudication Filing: 39-03-89387
Priority Date: 7/15/1942
Type of Use: Stockpond, Wildlife
Feature Name: Lower Red Tank
Water Source: Red Tanks Wash
Tributary: Jack's Canyon
Annual Use (GAL): 4004440
Capacity (AF): 12.29
Length (ft): 315 Width (ft): 271 Depth (ft): 12
 QQ SEC I R
POD Location: N2SW 23 17 13
POU Location:
(if different from POD)
NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-120-1
Adjudication Filing: 39-03-89388
Priority Date: 7/15/1942
Type of Use: Stockpond, Wildlife
Feature Name: Dirt Dike
Water Source: Dike Wash
Tributary: Jack's Canyon
Annual Use (GAL): 1182760
Capacity (AF): 3.63

Length (ft): 330 Width (ft): 200 Depth (ft): 5

QQ SEC T R

POD Location: NENWSW 23 17 13

POU Location:
(if different from POD)

NRCE Comment: Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-121-S
 Adjudication Filings: By Ranch: 39-03-89389
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 10/15/1978
 Type of Use: Stockpond, Wildlife
 Feature Name: Larry's (Robin's) Tank
 Water Source: Sunset Wash
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	7,800,883	Gallons	23.940	Acre-feet
Capacity:	7,800,883	Gallons	23.940	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENWNW	24	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-122-S

Adjudication Filings: By Ranch: 39-03-89390

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 10/15/1983

Type of Use: Stockpond, Wildlife

Feature Name: Mario's Tank

Water Source: Unnamed

Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 75,272 Gallons 0.231 Acre-feet

Capacity: 75,272 Gallons 0.231 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENWNW	24	17	13

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-123-S
Adjudication Filings: By Ranch: 39-03-89391
By USFS:
By SLD: 39-03-86374

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Dark (Little) Tank
Water Source: Sunset Wash
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 3,535,488 Gallons 10.850 Acre-feet
Capacity: 3,535,488 Gallons 10.850 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENENW	24	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-124-S
 Adjudication Filings: By Ranch: 39-03-89392
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 6/1/1935
 Type of Use: Stockpond, Wildlife
 Feature Name: Little Tank
 Water Source: Little Wash
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	1,665,101	Gallons	5.110	Acre-feet
Capacity:	1,665,101	Gallons	5.110	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SEENW	26	17	13

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-125-S

Adjudication Filings: By Ranch: 39-03-89393

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 10/7/1942

Type of Use: Stockpond

Feature Name: Jude's Tank

Water Source: White Wash

Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 134,577 Gallons 0.413 Acre-feet

Capacity: 134,577 Gallons 0.413 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESWNW	26	17	13

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-126-S
Adjudication Filings: By Ranch: 39-03-89394
By USFS:
By SLD: 39-03-86377

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond
Feature Name: Middle Red Tank West
Water Source: Red Tanks Wash
Tributary: Jack's Canyon
Max. Flow Rate (GPM):

Annual Use: 1,277,337 Gallons 3.920 Acre-feet
Capacity: 8,690,457 Gallons 26.670 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSEW	28	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-127-S
 Adjudication Filings: By Ranch: 39-03-89395
 By USFS:
 By SLD:

Preadjudication Filing:

Priority Date: 6/1/1935
 Type of Use: Stockpond, Wildlife
 Feature Name: Middle Red Tank East
 Water Source: Red Tanks Wash
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	3,985,163	Gallons	12.230	Acre-feet
Capacity:	3,985,163	Gallons	12.230	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSNW	28	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-128-S
Adjudication Filings: By Ranch: 39-03-89396
By USFS:
By SLD: 39-03-86378

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Mule Tank
Water Source: Mule Wash
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 3,871,115 Gallons 11.880 Acre-feet
Capacity: 3,871,115 Gallons 11.880 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSENW	32	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-129-I
Adjudication Filing: 39-03-89397
Priority Date: 6/1/954
Type of Use: Stockpond, Wildlife
Feature Name: Echols Tank
Water Source: Fisher Wash
Tributary: Jack's Canyon
Annual Use (GAL): 1029620
Capacity (AF): 3.16

Length (ft): 205 Width (ft): 161 Depth (ft): 8

QQ SEC I R

POD Location: L1 32 17 13

POU Location:
(if different from POD)

NRCE Comment: Bill Wilson refers to this as West Eckles (Echols) tank. Verified during site visit. See photos. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-130-I
Adjudication Filing: 39-03-89398
Priority Date: 6/1/1942
Type of Use: Stockpond, Wildlife
Feature Name: Caliche Tank
Water Source: Fisher Wash
Tributary: Jack's Canyon
Annual Use (GAL): 2355750
Capacity (AF): 7.23

Length (ft): 250 Width (ft): 402 Depth (ft): 6

QQ SEC T R

POD Location: SWNE 33 17 13

POU Location:
(if different from POD)

NRCE Comment: Revised coordinates and POD location. Annual use assumed to be equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-131-S
 Adjudication Filings: By Ranch: 39-03-89399
 By USFS:
 By SLD: 39-03-86382

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond, Wildlife
 Feature Name: Grandpa (Agape) Tank
 Water Source: Fisher Wash
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	2,645,913	Gallons	8.120	Acre-feet
Capacity:	2,645,913	Gallons	8.120	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSW	34	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-132-S
Adjudication Filings: By Ranch: 39-03-89400
By USFS:
By SLD: 39-03-86281

Preadjudication Filing:

Priority Date: Prior to 1884
Type of Use: Stockpond, Wildlife
Feature Name: Burch Tank
Water Source: Fisher Wash
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	1,593,413	Gallons	4.890	Acre-feet
Capacity:	1,593,413	Gallons	4.890	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSWSW	8	16	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-133-S

Adjudication Filings: By Ranch: 39-03-89401

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 6/1/1955

Type of Use: Stockpond, Wildlife

Feature Name: Railroad Tank

Water Source: Tucker Flat Wash

Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use: 479,002 Gallons 1.470 Acre-feet

Capacity: 479,002 Gallons 1.470 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SENE	18	19	15

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-136-S
Adjudication Filings: By Ranch: 39-03-89404
By USFS:
By SLD:

Preadjudication Filing:

Priority Date: 4/24/1983
Type of Use: Stockpond, Wildlife
Feature Name: Mesa Tank
Water Source: Unknown
Tributary: Unknown

Max. Flow Rate (GPM):

Annual Use: 55,069 Gallons 0.169 Acre-feet
Capacity: 55,069 Gallons 0.169 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWSENW	18	18	15

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-138-S

Adjudication Filings: By Ranch:
 By USFS:
 By SLD: 39-03-86288

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Instream use for stock and wildlife.
 Feature Name: Clear Creek Instream Use
 Water Source: Clear Creek
 Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use:	276,974	Gallons	0.850	Acre-feet
Capacity:	276,974	Gallons	0.850	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
S2SE, SESW, SENE, E2SE	10; 16	16	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-139-S
 Adjudication Filings: By Ranch:
 By USFS:
 By SLD: 39-03-86376

Preadjudication Filing:

Priority Date: Prior to 1884
 Type of Use: Stockpond
 Feature Name: Old Tank
 Water Source: Dick Hart Wash
 Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use:	1,974,659	Gallons	6.060	Acre-feet
Capacity:	1,974,659	Gallons	6.060	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	I	<u>R</u>
SESWSE	26	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-140-O

Adjudication Filings: By Ranch:

By USFS:

By SLD: 39-03-86463

Preadjudication Filing:

Priority Date: Prior to 1884

Type of Use: Stockpond

Feature Name: Upper King Tank (King Tank)

Water Source: Coon Draw

Tributary: Tucker Wash

Max. Flow Rate (GPM):

Annual Use: 2,805,581 Gallons 8.610 Acre-feet

Capacity: 2,805,581 Gallons 8.610 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNENW	32	18	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-141-S

Adjudication Filings: By Ranch:

By USFS:

By SLD: 39-03-86484

Preadjudication Filing:

Priority Date: Prior to 1884

Type of Use: Instream use for stock and wildlife.

Feature Name: Jacks Canyon instream use

Water Source: Jack's Canyon

Tributary: Clear Creek

Max. Flow Rate (GPM):

Annual Use: 276,974 Gallons 0.850 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
S2SE, S2SW	30	18	15

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-142-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1982

Type of Use: Stockwater

Feature Name: Unnamed tank

Water Source:

Tributary: Coyote Wash-Little Colorado River

Max. Flow Rate (GPM):

Annual Use: 141,784 Gallons 0.435 Acre-feet

Capacity: 141,784 Gallons 0.435 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSE	4	17	13

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-143-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1982

Type of Use: Stockwater

Feature Name: Unnamed tank

Water Source:

Tributary: Coyote Wash-Little Colorado River

Max. Flow Rate (GPM):

Annual Use: 29,701 Gallons 0.091 Acre-feet

Capacity: 29,701 Gallons 0.091 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESW	12	18	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: CC-147-I

Adjudication Filing:

Priority Date: Prior to 1954

Type of Use:

Feature Name: Unnamed

Water Source: Rincon Draw

Tributary: Jack's Canyon

Annual Use (GAL): 602790

Capacity (AF): 1.85

Length (ft):	Width (ft):	Depth (ft):		
	<u>OO</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
POD Location:	L3	5	16	14

POU Location:
(if different from POD)

NRCE Comment: No known adjudication filings available for this tank. Priority date estimated from historic aerial imagery. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-151-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1967

Type of Use: Stockwater

Feature Name: Impoundment symbol

Water Source:

Tributary: Coyote Wash-Little Colorado River

Max. Flow Rate (GPM):

Annual Use: 1,183,173 Gallons 3.631 Acre-feet

Capacity: 1,183,173 Gallons 3.631 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESW	24	19	14

Point of Use (if different from Point of Diversion):

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

Water Right #: CC-159-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name:

Water Source:

Tributary:

Max. Flow Rate (GPM):

Annual Use: Gallons Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

Water Right #: CC-160-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name: Unnamed tank

Water Source:

Tributary:

Max. Flow Rate (GPM):

Annual Use: Gallons Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

Point of Use (if different from Point of Diversion):

Comments:

Unverified location

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: CC-161-W

Adjudication Filing

Priority Date: 5/17/2016

Type of Use: Stockwater

Feature Name: Red Hill Well

Max. Flow Rate (GPM): 20

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	SENE	23	18	14

NRCE Comment: Field verified. See photos. Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: CC-163-W

Adjudication Filing

Priority Date: 3/10/2015

Type of Use: Stockwater

Feature Name: Simms Well

Max. Flow Rate (GPM): 20

Annual Use: 1080000 Gallons

Storage Right:

OO Sec. I R

Point of Diversion: L4 I 16 14

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: CC-164-W

Adjudication Filing

Priority Date: 4/27/2016

Type of Use: Stockwater

Feature Name: Redgate Well

Max. Flow Rate (GPM): 25

Annual Use: 1080000 Gallons

Storage Right:

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	NWSW	23	18	14

NRCE Comment: Drilled within the last three years. Annual average of 1,080,000 gallons is assumed based on average annual livestock water use on the Hopi Ranches.

EXHIBIT 5.10.1L

Map of Hopi Industrial Park

IN PROCESS OF FINALIZATION

EXHIBIT 5.10.1LL

IN PROCESS OF FINALIZATION

EXHIBIT 5.10.1LL

Hopi Abstracts for Hopi Industrial Park

**PLACEHOLDER FOR HOPI ABSTRACTS FOR
HOPI INDUSTRIAL PARK**

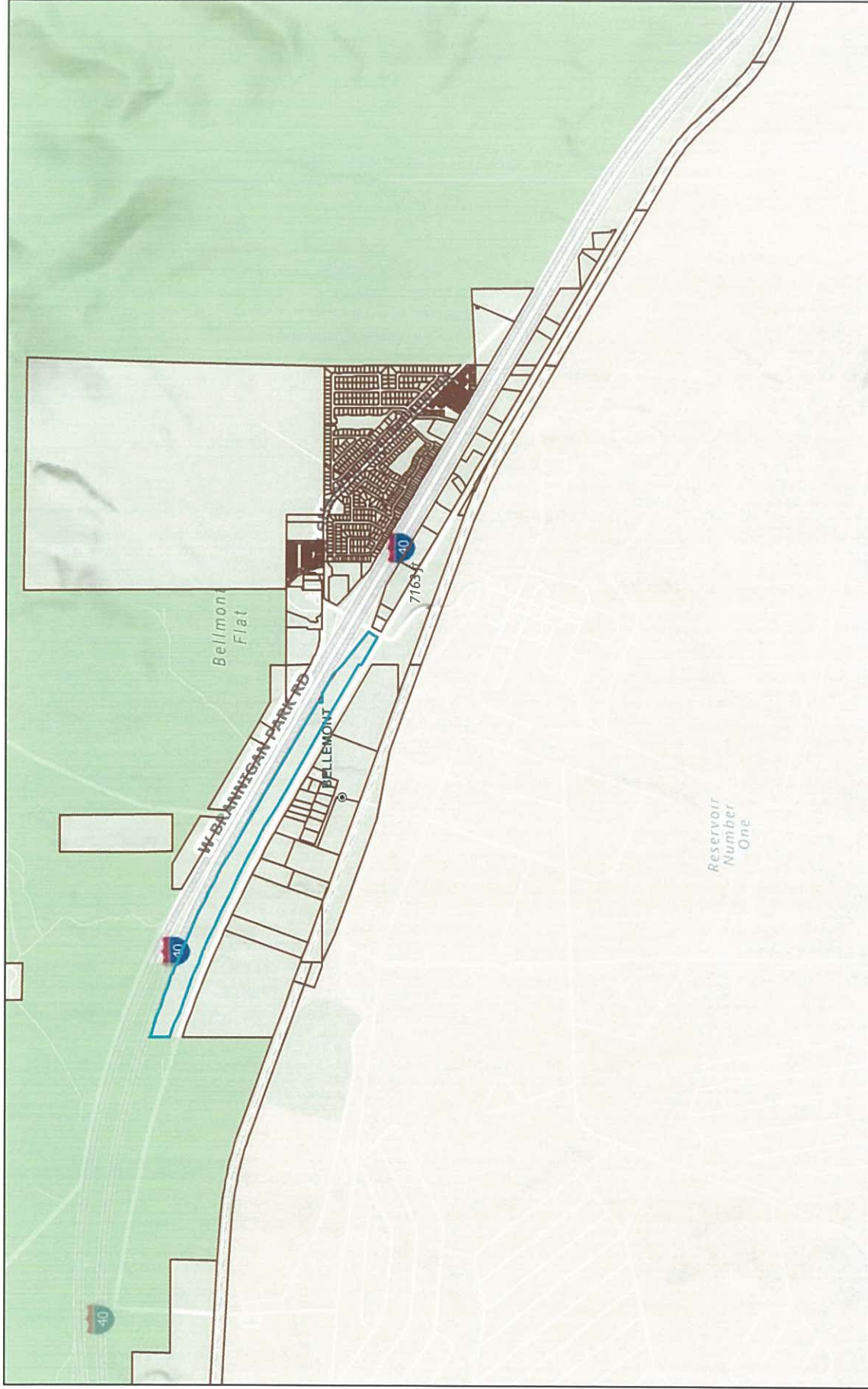
EXHIBIT 6.4.1A

ATTACHED

EXHIBIT 6.4.1B

ATTACHED

Parcel Viewer Map



5/2/2024, 2:30:20 PM

County Boundary

Coconino County Parcels

County Land Ownership

National Forest

National Forest

Military Reservation

Private

Private

Private

Private

Private

Esri, NASA, NGA, USGS, FEMA, County of Yavapai, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land

Coconino County GIS

This is not a legal document. No warranty of accuracy is given or implied.

EXHIBIT 6.4.1BB

Abstract for SJSP Lands - Northern Area

IN PROCESS OF FINALIZATION

EXHIBIT 7.1.1.1A

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Inventory of All Irrigation Uses - Navajo

EXHIBIT 7.1.1.1B

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Inventory of All Irrigation Uses - Hopi Tribe

EXHIBIT 7.1.1.2A

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Table of All Navajo Nation Designated Historic Irrigation Projects

EXHIBIT 7.1.1.2B

**AVAILABLE UPON REQUEST AT THE
ATTORNEY GENERAL'S OFFICE**

Table of All Hopi Tribe Designated Historic Irrigation Projects

EXHIBIT 7.1.1.2C

ATTACHED

EXHIBIT 7.1.1.2C

Table of All Joint Navajo Nation and
Hopi Tribe Historic Irrigation Projects

EXHIBIT 7.1.1.2.C

Joint Navajo-Hopi Designated Historic Irrigation Projects

Managed Wash	Project	Historic Designated Acreage	Storage (Yes or No)
Moenkopi	Kerley Valley	Navajo 492*	No
		Hopi 200*	No
Dinnebito	Lower Dinnebito	Navajo 125	No
		Hopi 125	No
Oraibi	Oraibi Delta	Navajo 600	No
		Hopi 400	No
Polacca	Polacca Delta	Navajo 500	No
		Hopi 500	No
Polacca	Polacca Wash #1 (PW1)	Navajo 194	No
		Hopi 291	No
Total		Navajo 1,911	
		Hopi 1,516	
<p>* These Navajo and Hopi acreages are based on the Bureau of Indian Affairs Land Use Permit maps dated 1956. These numbers may be altered by mutual agreement of the Tribes in the event of improved information.</p>			

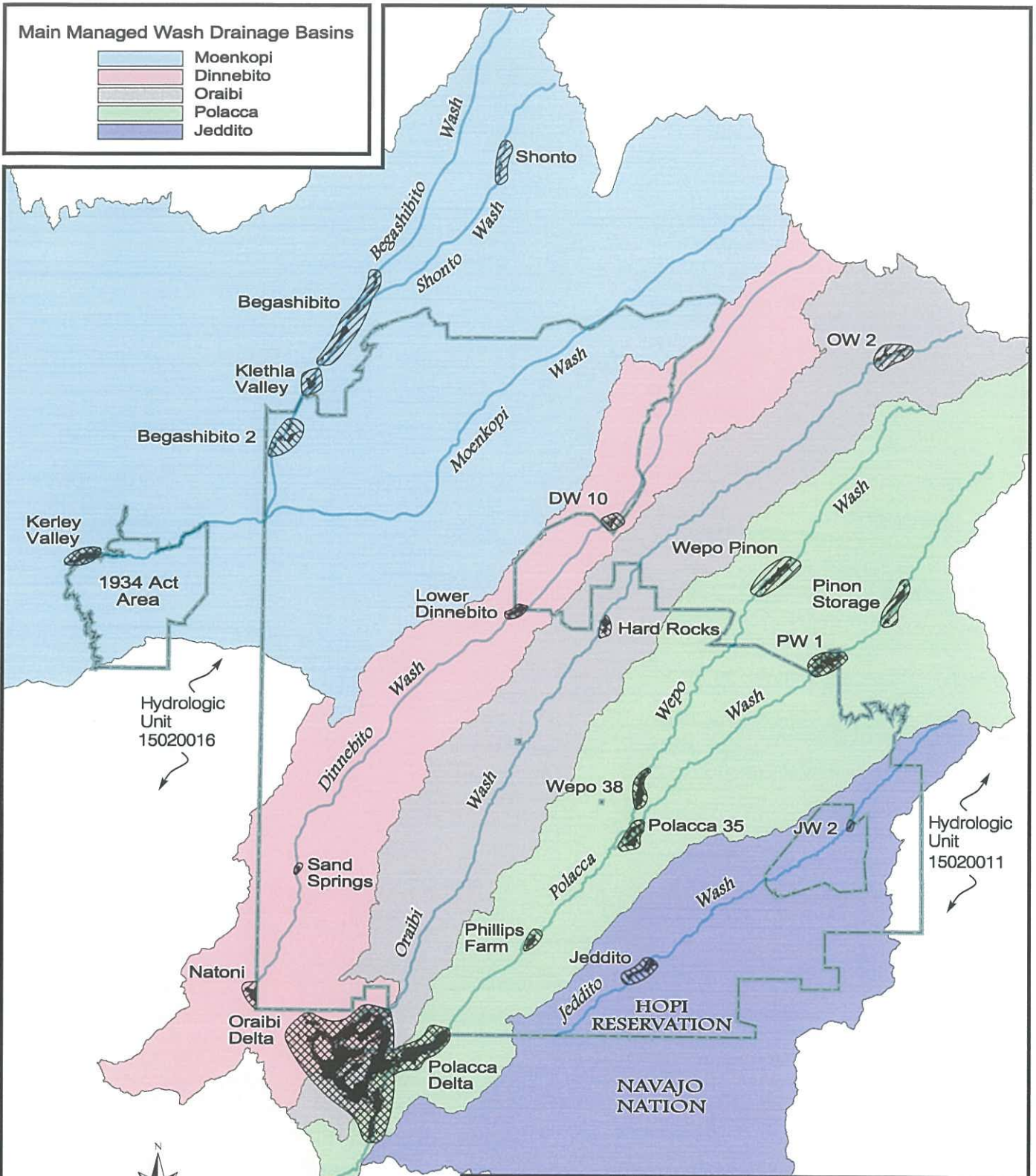
EXHIBIT 7.1.1.2D

ATTACHED

EXHIBIT 7.1.1.2D
Designated Historic Irrigation Projects
(Managed Washes) Figure

Main Managed Wash Drainage Basins

- Moenkopi
- Dinnebito
- Oraibi
- Polacca
- Jeddito



Note:
Drainage basin boundaries are from the Natural Resources Conservation Service (NRCS) digital hydrologic unit boundary layer to the 5th level for the State of Arizona.



**Exhibit 7.1.1.2D
Designated Historic Irrigation Project General Location**

- All-Hopi Designated Project
- All-Navajo Designated Project
- Joint Navajo-Hopi Designated Project
- Irrigated Lands (BIA 2001) within Designated Project
- Managed Washes

EXHIBIT 7.1.2.3

ATTACHED

EXHIBIT 7.1.2.3

Table of Aggregate Capacity of
Surface Water Impoundments by
Main Wash Drainage

EXHIBIT 7.1.2.3

**Aggregate Capacity of Surface Water Impoundments by Main Wash
Drainage**

Main Wash Drainage	Hopi (ac-ft)	Navajo (ac-ft)
Dinnebito	983	184
Jeddito	650	133
Moenkopi	1088	2,597
Oraibi	872	215
Polacca	1,164	704
Total	4,757	3,833

Notes:

1) Data for Hopi Impoundments derived from Hopi Second Amended Statement of Claimant submitted on November 12, 2009.

2) Data for Navajo Impoundments from Navajo Nation from their hydrographic survey.

3) Capacity for all Impoundments calculated by:

$$\text{Length} \times \text{Width} \times \text{Depth} \times 0.4 = \text{Capacity}$$

4) Hopi and Navajo Impoundments within the Pueblo Colorado Wash – Cottonwood Wash basin (designated by the NRCS as Hydrologic Unit 15020011) and Hopi Impoundments within the Lower Little Colorado River sub-basin (designated by the NRCS as Hydrologic Unit 15020016) are not included on this table because these basins and sub-basins do not contribute flows to the five Main Washes.

5) These numbers may be altered by mutual agreement of the Tribes in the event of improved information.

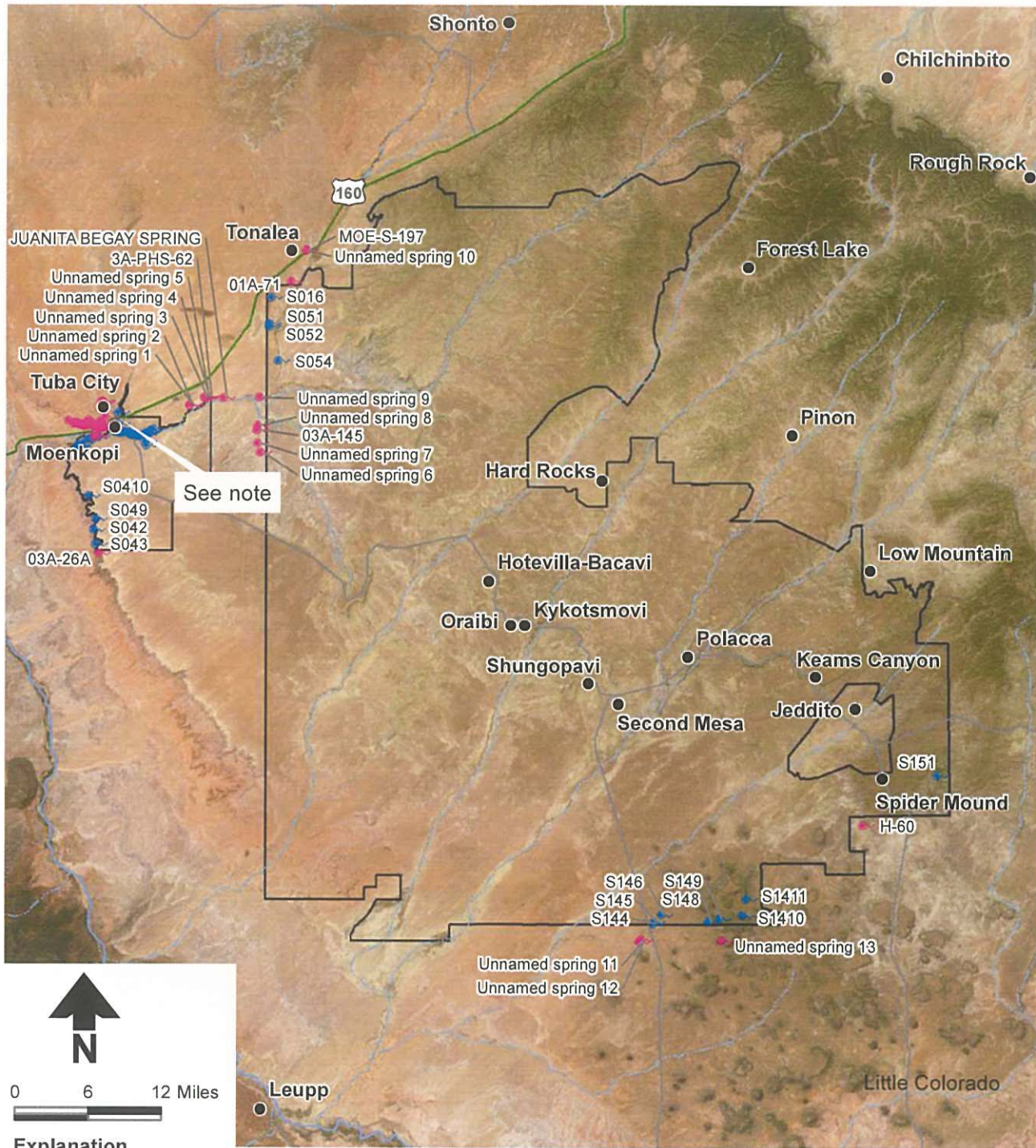
6) This table excludes Peabody and Pasture Canyon Impoundments, sewage lagoons, and Impoundments permitted pursuant to Subparagraph 5.1.3.4 of the Northeastern Arizona Indian Water Rights Settlement Agreement.

EXHIBIT 7.2.3.5.3





ATTACHED

EXHIBIT 7.2.3.5.3
N-Aquifer Boundary Springs
Figure and Tables

Q:\PROJECTS\HOPI_WATER_RIGHTS_SETTLEMENT\GIS\MXDS\2024\EXHIBIT_7.2.3.5.4_BOUNDARY_SPRINGS.MXD



Explanation

-  Hopi Tribe spring
-  Navajo Nation spring
-  Village or Chapter
-  Hopi Reservation boundary

Note:
 There are numerous springs along Moenkopi Wash and Echo Cliffs not labeled, but they are listed in the attached tables. Pasture Canyon Springs are shown in Exhibit 7.2.3.5.4.



Hopi Tribe Boundary Springs - Exhibit 7.2.3.5.3, Page 2 of 3

Spring Number	Spring Name/Other Name	Hopi Label	Coordinates		Spring Number	Spring Name/Other Name	Hopi Label	Coordinates	
			X	Y				X	Y
S016	Unnamed/1A-73	S-1-339	501098	4013616	<i>Springs Not Labeled on Exhibit (cont.)</i>				
S0410	Toh Nee Di Kishi	S-4-260	477016	3987308	S0433	Unnamed	S-4-283	482755	3995382
S042	Seller, Piisave, Piisava	S-4-213	477729	3982820	S0435	Unnamed	S-4-285	482821	3995339
S043	3A-25	S-4-214	477971	3980889	S0436	Unnamed	S-4-286	482944	3995386
S049	Tonali/3A-17, Tonali	S-4-259	478048	3984250	S0437	Unnamed	S-4-287	483309	3995305
S051	Nee De Miso Bito	S-5-32	500855	4010110	S0438	Unnamed	S-4-288	483373	3995312
S052	Nee De Miso Bito/1A-75	S-5-33	500861	4009736	S0439	Unnamed	S-4-289	483408	3995305
S054	Cold Water	S-5-35	501979	4005258	S0440	Unnamed	S-4-290	483467	3995245
S1410	Ram/7H-23	S-14-201	563666	3931985	S0441	Unnamed	S-4-291	483565	3995206
S1411	Shontah/Shonto-hi,7H-234	S-14-202	564087	3934176	S0442	Unnamed	S-4-292	484089	3995334
S144	Kalbito #2	S-14-195	551875	3930899	S0443	Unnamed	S-4-293	484636	3995628
S145	Kalbito #1/07H-78	S-14-196	551863	3931146	S0444	Unnamed	S-4-294	484768	3995658
S146	Comar/7H-79	S-14-197	552922	3932018	S0445	Unnamed	S-4-295	484757	3995599
S148	Lukai/7H-76	S-14-199	559127	3931137	S0446	Unnamed	S-4-296	485537	3996095
S149	Wolf Pass	S-14-200	560570	3931514	S0447	Unnamed	S-4-297	485067	3995929
S151	Cow	S-15-332	589422	3950572	S0448	Unnamed	S-4-298	485100	3995941
<i>Springs Not Labeled on Exhibit</i>					S0449	Ironwood, Otopsapva	S-4-299		484590
S041	3A-15	S-4-211	484408	3994456	S046	3-GS-77-6	S-4-218	480162	3996047
S0411	Unnamed	S-4-261	475617	3993918	S047	Unnamed	S-4-257	475648	3993697
S0412	Unnamed	S-4-262	477056	3994784	S0474	Unnamed 07	S-4-432	478882	3996601
S0413	Unnamed	S-4-263	477143	3994801	S0475	Unnamed 08	S-4-431	478817	3996490
S0414	Unnamed	S-4-264	477251	3994804	S0476	Unnamed 09	S-4-430	478288	3996400
S0415	Unnamed	S-4-265	480125	3996134	S0478	Unnamed 11	S-4-429	478205	3995048
S0416	Moenkopi School, Susungva/3GS-77-6, MoenkopiSchoolSpring(5m)	S-4-266	480126	3996029	S0479	Unnamed 12	S-4-435	475585	3993946
S0417	Unnamed	S-4-267	480163	3996111	S048	Unnamed	S-4-258	476342	3994386
S0418	Unnamed	S-4-268	480158	3996037	S0480	Unnamed 13	S-4-434	475580	3993926
S0419	Unnamed	S-4-269	480461	3995848	S0482	Culvert Spring		480889	3998327
S0420	Unnamed	S-4-270	480866	3996826					
S0421	Unnamed	S-4-271	480855	3995848					
S0422	Unnamed	S-4-272	480935	3995794					
S0423	Unnamed	S-4-273	480953	3995779					
S0424	Unnamed	S-4-274	481131	3995588					
S0425	Unnamed	S-4-275	481450	3995733					
S0426	Unnamed	S-4-276	481636	3995757					
S0427	Unnamed	S-4-277	482116	3995682					
S0428	Unnamed	S-4-278	482336	3995624					
S0429	Unnamed	S-4-279	482537	3995434					
S0430	Unnamed	S-4-280	482543	3995442					
S0431	Unnamed	S-4-281	482572	3995422					
S0432	Unnamed	S-4-282	482697	3995382					



Navajo Nation Boundary Springs - Exhibit 7.2.3.5.3, Page 3 of 3

Spring Number	Spring Name	Key	Coordinates		Spring Number	Spring Name	Key	Coordinates	
			X	Y				X	Y
01A-71	Morman Well		503748	4015677	<i>Springs Not Labeled on Exhibit (cont.)</i>				
03A-145		S-00436111-A.1 3	499230	3995978			S-00336111-A.3 3	477006	3997251
03A-26A	Spring on the Rock	S-00135111-H.2 3	478333	3979648			S-00436111-A.2 3	478405	3997086
3A-PHS-62	Leechee Dasikaid Spring	S-00736111-B.1 3	492868	4000326			S-00436111-A.3 3	477279	3997017
H-60	Spring-7-2-9	S-00135110-F.1 7	579555	3943889			S-00536111-A.2 3	478774	3996785
Juanita Begay Spring	Juanita Begay Spring		494839	4000217			S-00536111-A.3 3	476660	3996471
MOE-S-197	MOE-S-197	W-00536110-C.8 1	505776	4019863			S-00636111-A.2 3	478057	3996130
Unnamed spring 1		S-00236111-B.1 3	490357	3999231			S-00636111-A.3 3	476550	3996482
Unnamed spring 10		S-00136110-C.8 1	505716	4019743			S-00736111-A.2 3	478761	3996301
Unnamed spring 11		S-01035110-D.4 7	549935	3928449			S-00736111-A.3 3	476288	3996581
Unnamed spring 12	Spring		550248	3928747			S-00836111-A.2 3	478368	3996215
Unnamed spring 13		S-00335110-D.3 7	560833	3928638			S-00836111-A.3 3	476225	3996623
Unnamed spring 2		S-00336111-B.1 3	490386	3999247			S-00936111-A.3 3	475985	3996729
Unnamed spring 3		S-00436111-B.1 3	492286	4000286			S-01036111-A.3 3	476082	3996671
Unnamed spring 4	Spring		492515	4000297			S-01036111-B.2 3	478964	3999627
Unnamed spring 5		S-00636111-B.1 3	492568	4000297			S-01136111-A.3 3	475832	3996710
Unnamed spring 6		S-00136111-A.1 3	499642	3993025			S-01236111-A.3 3	475477	3996916
Unnamed spring 7		S-00236111-A.1 3	499267	3994221			S-01336111-A.3 3	475336	3996921
Unnamed spring 8		S-00336111-A.1 3	499270	3996529			S-01436111-A.3 3	475005	3996937
Unnamed spring 9		S-00536111-B.1 3	499521	4000314					
<i>Springs Not Labeled on Exhibit</i>									
03A-18	Charley Day Well		478671	3999739					
03B-270		S-00236111-A.2 3	477773	3996522					
	Goldtooth Spring		478108	3995232					
	MOE-S-209		476818	3996981					
	MOE-S-216		478567	3996255					
	MOE-S-217		478466	3996230					
	MOE-S-219		478715	3996249					
	MOE-S-220		474345	3997220					
	MOE-S-221		476875	3996995					
	MOE-S-222		479120	3997620					
	MOE-S-223		475131	3996787					
	MOE-S-231		478882	3996600					
	MOE-S-232		478817	3996490					
	Spring		478955	3996378					
	Spring		478890	3996231					
	Spring		477811	3995083					
	Spring		477850	3995081					
		S-00136111-A.2 3	477846	3996397					
		S-00336111-A.2 3	477880	3996356					

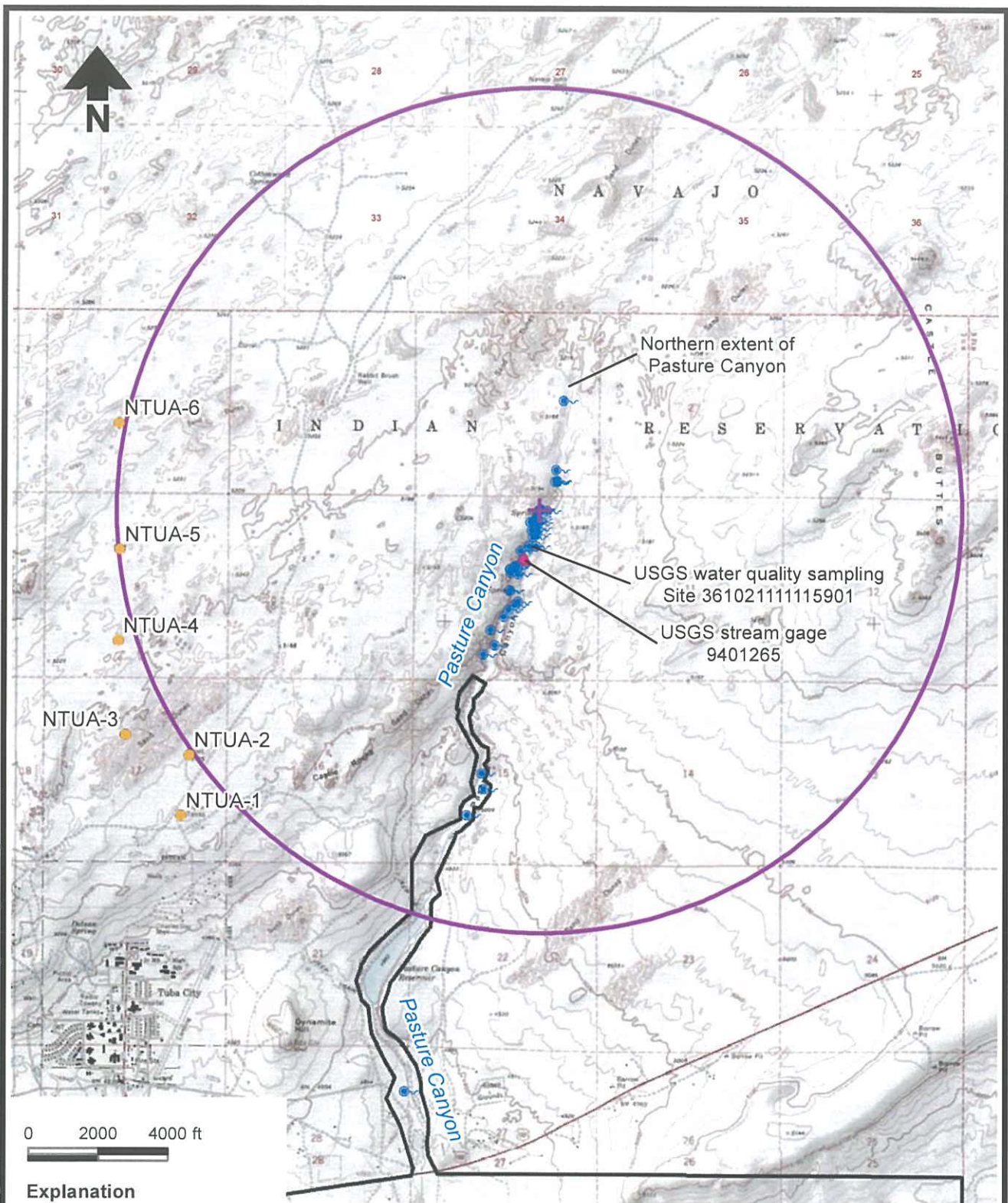
EXHIBIT 7.2.3.5.4

ATTACHED

EXHIBIT 7.2.3.5.4

Pasture Canyon Springs Buffer Zone Figure

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USGS Topo: ESRI et al.

Explanation





-  Pasture Canyon spring
-  Navajo Nation Tuba City well
-  Pasture Canyon springs buffer zone
-  Hopi Reservation (Moenkopi Island)

EXHIBIT 8.2.1.1A

ATTACHED

ABSTRACT OF IRRIGATION STORAGE RESERVOIR Little Colorado River Adjudication

HAY LAKE INTEGRATED SYSTEM		
1.	Name of Facility	Hay Lake Integrated System ^A
2.	Owner of Facility.	Bar T Bar Ranch, Inc. ^B
3.	Landowners.	Bar T Bar Ranch, Inc. (Reservoirs, Places of Use) Crater Ranch LLC (Places of Use) United States Department of Agriculture, Coconino National Forest (Reservoirs per land exchange)
4.	Statement of Claimant No.(s).	39-88743 39-88744 39-88746
5.	Statement of Claimant Name(s).	Bar T Bar Ranch, Inc.
6.	Lessee or Permittee.	n/a
7.	Basis of Right.	36-102358 CWR 1372 (R-253; Permit R-135) (A-536; Permit A-759) CWR 3425 (R-1146; Permit R-758) (A-3162; Permit A-2197) App. R-2785; Permit R-2035 33-36109
8.	Beneficial Use.	Irrigation Stockwatering Stockponds
9.	Priority Date.	December 31, 1877 ^C
10.	Quantity. ^D	Soldier Lake Storage Capacity: 550 acre-feet Soldier Lake Annex Storage Capacity: 1,886 acre-feet Tremaine Lake Storage Capacity: 5,150 acre-feet Long Lake Storage Capacity: 1,550 acre-feet Maximum diversion rate = 200 CFS Continuous fill for all reservoirs

HAY LAKE INTEGRATED SYSTEM	
	<p>Irrigation: 850 AFA (200 acres)</p> <p>Irrigation Season: March 15 to October 15</p> <p>Stockwatering: Reasonable use</p> <p>Stockponds (Cumulative storage capacity; continuous fill): 99.60 acre-feet ^E</p>
11. Places of Use.	<p><u>Location of Soldier Lake:</u> Section 6, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Soldier Lake Annex:</u> Section 7, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Tremaine Lake:</u> Sections 18, 19 and 20, Township 16 North, Range 11 East, and Sections 13 and 24, Township 16 North, Range 10 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Long Lake:</u> Sections 6, 8, and 17, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Irrigation Places of Use:</u> Section 32, Township 16 North, Range 11 East, and Section 5, Township 15 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Stockwatering Uses:</u> At the lakes described above, along 47 miles of ditch, and at approximately 31 stockponds filled by the Hay Lake Integrated System on private, state and federal lands in Township 16 North, Range 10 East; Township 16 North, Range 11 East; Township 16 North, Range 12 East; Township 17 North, Range 12 East; Township 17 North, Range 12 ½ East; Township 18 North, Range 12 ½ East; and Township 18 North, Range 13 East,</p>

**CONFIDENTIAL RULE 408
SETTLEMENT DRAFT**
Submitted for settlement proposal only.

HAY LAKE INTEGRATED SYSTEM	
	Gila & Salt River Base and Meridian, Coconino County, Arizona
12. Points of Diversion.	<p><u><i>Soldier Lake and Soldier Lake Annex:</i></u> NE ¼ NW ¼ of Section 18, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u><i>Tremaine Lake:</i></u> Near midpoint of eastern section line, Section 19, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u><i>Long Lake:</i></u> During large flood events, water can spill from Soldier Lake Annex into Long Lake (W ½ of Section 6, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona) and then into Chavez Pass Ditch (NW ¼ of Section 17, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona) for stockwatering.</p>
13. Source of Water.	North & South Forks of Hutch Mountain Draw, Ruth's Draw, Tremaine Draw, Sawmill Wash, all tributaries to Canyon Diablo, and Jacks Canyon, all tributaries of the Little Colorado River

^A The Hay Lake Integrated System includes Hay Lake that has been developed into irrigated pasture including alfalfa, turf (Kentucky Blue Grass), rye, sod, and improved pasture (“the Hay Lake Farm”), and interconnected reservoirs that are used to store and transport water to the Hay Lake Farm and numerous stockwatering locations. The storage system includes Tremaine Lake and Soldier Lake Annex, which store water for irrigation and stockwatering purposes. Soldier Lake is used for temporary storage of high flows. During wet years, Soldier Lake and Soldier Lake Annex are connected and may appear to be one body of water. Long Lake is a natural depression that is filled with overflow from Soldier and Soldier Annex Lakes. The overflow in Long Lake is carried away by the Chavez Pass Ditch for stockwatering.

^B Since 1998, Bar T Bar Ranch, Inc. and the United States Forest Service-Coconino National Forest have been working on a land exchange that involves an exchange of water rights (“the USFS Proposal”). Not all documents for the USFS Proposal, particularly water right filing amendments and transfers, have been completed. This abstract describes the Bar T Bar Ranch, Inc. and Crater Ranch LLC (collectively, “Bar T Bar”) beneficial water uses and facilities and does not address any claims by the United States.

^C The Hay Lake Farm was settled and farmed approximately 30 years before land was opened up to homesteading pursuant to the Forest Homestead Act of 1906. The 1906 Act was enacted to promote cultivation of lands within forest reserves instead of mere ranch headquarters for running livestock. At Hay Lake Farm and its

**CONFIDENTIAL RULE 408
SETTLEMENT DRAFT**
Submitted for settlement proposal only.

vicinity, some of the early homesteads predated the forest, with settlers drawn to the area because land could be cultivated. Improvements such as irrigation ditches were made by the original settlers and later expanded and developed by the homesteaders and others who acquired their properties after the 1906 Act.

^D At the beginning of each calendar year, Bar T Bar is entitled to use the first one thousand (1,000) acre-feet for irrigation on the Hay Lake Farm and for stockwatering through a complex system of 47 miles of ditches and numerous stockponds that provide stockwater on federal, state and private lands. Additionally, Bar T Bar is entitled to the last one thousand (1,000) acre-feet in storage in Soldier Annex and Tremaine Lakes, meaning that one thousand (1,000) acre-feet will be reserved and stored at the end of each calendar year. This storage arrangement guarantees Bar T Bar the first use of at least one thousand (1,000) acre-feet of water the succeeding year for irrigation, stockponds and stockwatering.

^E 2,500 head of cattle are maintained by Bar T Bar on the ranch. In addition to direct stockwatering, Bar T Bar has a storage right of at least 99.6 acre-feet, representing the total storage capacity for stockponds that are filled with water from the Hay Lake Integrated System. The ponds and their locations are more particularly described in Other Uses Statement of Claimant No. 39-87474.

EXHIBIT 8.2.1.1B

ATTACHED

EXHIBIT 8.2.1.1B
Bar T Bar Ranch, Inc. Abstract

**ABSTRACT OF IRRIGATION STORAGE RESERVOIR
Little Colorado River Adjudication**

HAY LAKE INTEGRATED SYSTEM		
1.	Name of Facility	Hay Lake Integrated System ^A
2.	Owner of Facility.	Bar T Bar Ranch, Inc. ^B
3.	Landowners.	Bar T Bar Ranch, Inc. (Reservoirs, Places of Use) Crater Ranch LLC (Places of Use) United States Department of Agriculture, Coconino National Forest (Reservoirs per land exchange)
4.	Statement of Claimant No.(s).	39-88743 39-88744 39-88746
5.	Statement of Claimant Name(s).	Bar T Bar Ranch, Inc.
6.	Lessee or Permittee.	n/a
7.	Basis of Right.	36-102358 CWR 1372 (R-253; Permit R-135) (A-536; Permit A-759) CWR 3425 (R-1146; Permit R-758) (A-3162; Permit A-2197) App. R-2785; Permit R-2035 33-36109
8.	Beneficial Use.	Irrigation Stockwatering Stockponds
9.	Priority Date.	December 31, 1877 ^C
10.	Quantity. ^D	Soldier Lake Storage Capacity: 550 acre-feet Soldier Lake Annex Storage Capacity: 1,886 acre-feet Tremaine Lake Storage Capacity: 5,150 acre-feet Long Lake Storage Capacity: 1,550 acre-feet Maximum diversion rate = 200 CFS Continuous fill for all reservoirs

HAY LAKE INTEGRATED SYSTEM	
	<p>Irrigation: 850 AFA (200 acres)</p> <p>Irrigation Season: March 15 to October 15</p> <p>Stockwatering: Reasonable use</p> <p>Stockponds (Cumulative storage capacity; continuous fill): 99.60 acre-feet ^E</p>
11.	<p>Places of Use.</p> <p><u>Location of Soldier Lake:</u> Section 6, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Soldier Lake Annex:</u> Section 7, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Tremaine Lake:</u> Sections 18, 19 and 20, Township 16 North, Range 11 East, and Sections 13 and 24, Township 16 North, Range 10 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Long Lake:</u> Sections 6, 8, and 17, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Irrigation Places of Use:</u> Section 32, Township 16 North, Range 11 East, and Section 5, Township 15 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u>Location of Stockwatering Uses:</u> At the lakes described above, along 47 miles of ditch, and at approximately 31 stockponds filled by the Hay Lake Integrated System on private, state and federal lands in Township 16 North, Range 10 East; Township 16 North, Range 11 East; Township 16 North, Range 12 East; Township 17 North, Range 12 East; Township 17 North, Range 12 ½ East; Township 18 North, Range 12 ½ East; and Township 18 North, Range 13 East,</p>

HAY LAKE INTEGRATED SYSTEM	
	Gila & Salt River Base and Meridian, Coconino County, Arizona
12. Points of Diversion.	<p><u><i>Soldier Lake and Soldier Lake Annex:</i></u> NE ¼ NW ¼ of Section 18, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u><i>Tremaine Lake:</i></u> Near midpoint of eastern section line, Section 19, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona</p> <p><u><i>Long Lake:</i></u> During large flood events, water can spill from Soldier Lake Annex into Long Lake (W ½ of Section 6, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona) and then into Chavez Pass Ditch (NW¼ of Section 17, Township 16 North, Range 11 East, Gila & Salt River Base and Meridian, Coconino County, Arizona) for stockwatering.</p>
13. Source of Water.	North & South Forks of Hutch Mountain Draw, Ruth's Draw, Tremaine Draw, Sawmill Wash, all tributaries to Canyon Diablo, and Jacks Canyon, all tributaries of the Little Colorado River

^A The Hay Lake Integrated System includes Hay Lake that has been developed into irrigated pasture including alfalfa, turf (Kentucky Blue Grass), rye, sod, and improved pasture (“the Hay Lake Farm”), and interconnected reservoirs that are used to store and transport water to the Hay Lake Farm and numerous stockwatering locations. The storage system includes Tremaine Lake and Soldier Lake Annex, which store water for irrigation and stockwatering purposes. Soldier Lake is used for temporary storage of high flows. During wet years, Soldier Lake and Soldier Lake Annex are connected and may appear to be one body of water. Long Lake is a natural depression that is filled with overflow from Soldier and Soldier Annex Lakes. The overflow in Long Lake is carried away by the Chavez Pass Ditch for stockwatering.

^B Since 1998, Bar T Bar Ranch, Inc. and the United States Forest Service-Coconino National Forest have been working on a land exchange that involves an exchange of water rights (“the USFS Proposal”). Not all documents for the USFS Proposal, particularly water right filing amendments and transfers, have been completed. This abstract describes the Bar T Bar Ranch, Inc. and Crater Ranch LLC (collectively, “Bar T Bar”) beneficial water uses and facilities and does not address any claims by the United States.

^C The Hay Lake Farm was settled and farmed approximately 30 years before land was opened up to homesteading pursuant to the Forest Homestead Act of 1906. The 1906 Act was enacted to promote cultivation of lands within forest reserves instead of mere ranch headquarters for running livestock. At Hay Lake Farm and its

vicinity, some of the early homesteads predated the forest, with settlers drawn to the area because land could be cultivated. Improvements such as irrigation ditches were made by the original settlers and later expanded and developed by the homesteaders and others who acquired their properties after the 1906 Act.

^D At the beginning of each calendar year, Bar T Bar is entitled to use the first one thousand (1,000) acre-feet for irrigation on the Hay Lake Farm and for stockwatering through a complex system of 47 miles of ditches and numerous stockponds that provide stockwater on federal, state and private lands. Additionally, Bar T Bar is entitled to the last one thousand (1,000) acre-feet in storage in Soldier Annex and Tremaine Lakes, meaning that one thousand (1,000) acre-feet will be reserved and stored at the end of each calendar year. This storage arrangement guarantees Bar T Bar the first use of at least one thousand (1,000) acre-feet of water the succeeding year for irrigation, stockponds and stockwatering.

^E 2,500 head of cattle are maintained by Bar T Bar on the ranch. In addition to direct stockwatering, Bar T Bar has a storage right of at least 99.6 acre-feet, representing the total storage capacity for stockponds that are filled with water from the Hay Lake Integrated System. The ponds and their locations are more particularly described in Other Uses Statement of Claimant No. 39-87474.

EXHIBIT 8.2.1.1C

ATTACHED

EXHIBIT 8.2.1.1C
Flying M Ranch LLLP Abstract

ABSTRACT OF IRRIGATION STORAGE RESERVOIR
Little Colorado River Adjudication

FLYING M RANCH		
1.	Name of Reservoir (Facility)	Kinnikinick Lake and Morton Lake, known as the "Twin Lakes" ^A
2.	Owner of Reservoir.	Flying M Ranch LLLP
3.	Landowner. ^B	<u>Twin Lakes:</u> United States (Coconino National Forest) <u>Beneficial Uses:</u> Flying M Ranch LLLP
4.	Statement of Claimant No.(s).	39-88377 39-88378
5.	Statement of Claimant Name(s).	Flying M Ranch LLLP
6.	Lessee or Permittee.	n/a
7.	Basis of Right.	CWR 1463 36-_____ [number pending]
8.	Beneficial Use.	Irrigation Domestic Stockwatering
9.	Priority Date.	March 26, 1903
10.	Quantity.	<u>Storage Capacity:</u> Kinnikinick Lake: 2,532.00 acre-feet Morton Lake: <u>285.00 acre-feet</u> 2,817.00 acre-feet Continuous fill. Maximum diversion rate: 25 CFS <u>Irrigation:</u> 500 AFA (112.53 acres) Irrigation Season: April 1 to September 30 <u>Domestic:</u> 0.15 AFA <u>Stockwatering (and Stockponds Identified in Endnote C below):</u> Reasonable Use ^C
11.	Places of Use.	<u>Location of the Twin Lakes:</u> Sections 35 and 36, Township 18 North, Range 10 East, Gila & Salt River Base and Meridian,

FLYING M RANCH		
		<p>Coconino County, Arizona</p> <p><i>Location of Places of Use</i> are within what is called “Morton Place” in Sections 33 and 34, Township 18 North, Range 11 East, and Sections 3 and 4, Township 17 North, Range 11 East, all in the Gila & Salt River Base and Meridian, Coconino County, Arizona. Occasional domestic uses and stockwatering occur throughout the Morton Place.^D Specific irrigation use locations include:</p> <ul style="list-style-type: none"> • 20.28 acres in N ½ NW ¼ NW ¼ Section 3, Township 17 North, Range 11 East; • 20.25 acres in E ½ NE ¼ NE ¼ Section 4, Township 17 North, Range 11 East; • 5.00 acres in the S ½ SE ¼ NE ¼ SE ¼ Section 33, Township 18 North, Range 11 East; • 17.00 acres in the E ½ SE ¼ SE ¼ Section 33, Township 18 North, Range 11 East; • 40 acres in the SW ¼ SW ¼ Section 34, Township 18 North, Range 11 East; and • 10 acres in the S ½ NW ¼ SW ¼ Section 34, Township 18 North, Range 11 East.
12.	Points of Diversion.	<p><u>Kinnikinick Ditch</u> – SE ¼ SW ¼ SW ¼ Section 34, Township 18 North, Range 10 East</p> <p><u>Kinnikinick Lake</u> – SE ¼ NE ¼ S3 ¼ Section 35, Township 18 North, Range 10 East</p> <p><u>Morton Canyon</u> – NE ¼ SE ¼ SW ¼ Section 5, Township 17 North, Range 11 East</p> <p>All in the Gila and Salt Base & Meridian, Coconino County, Arizona</p>
13.	Source of Water.	Kinnikinick Canyon and Morton Canyon, tributaries to Grapevine Canyon

^A Kinnikinick Lake originated as a natural depression and was once known as Lake Bourne. The other “Twin Lake” is Morton Lake, which also originated as a natural depression and is immediately east of Kinnikinick Lake. The natural drainage feeding each of the Twin Lakes was improved over the years. Kinnikinick Lake is filled by Kinnikinick Ditch that diverts water from Kinnikinick Canyon, also known as Beasley Draw. Morton Lake was

improved in 1942 so that it could more effectively be filled with the overflow from Kinnikinick Lake. Water stored in Morton Lake is released into Morton Draw. At the confluence of Morton Draw and Kinnikinick Canyon, the water is diverted by ditch to the Morton Place. Several stockponds are filled by the Morton Ditch. These storage and diversion facilities are referred to as “the Twin Lakes Facility” in this abstract.

^a Prior to the forest reservation, the land and the Twin Lakes were owned by the Aztec Land & Cattle Company. Aztec Land & Cattle Company exchanged the property with the federal government on March 26, 1903, which is being used as the priority date in this abstract, although stockwatering took place long before then. The lands in Morton Place that serve as the places of use were also part of the Aztec Land & Cattle Company’s operation and later exchanged with the Forest Service.

^c Per a March 13, 1956, agreement with the State of Arizona concerning improvements made by the State to Kinnikinick Lake, there are a number of recognized stockponds directly fed by the Twin Lakes Facility. They include:

Name of Pond	Water Filing	Priority Date in the CWR	Location	Storage Capacity (AF)
Number 2 Tank Reservoir	CWR 1782	February 11 1950	NE-NE Section 23 and NW-NW Section 24 T18N-R11E	27.820
Reserve Tank Reservoir	CWR 1783	February 11, 1950	SW-SW Section 27 T18N-R11E	6.396
Number 3 Tank Reservoir	CWR 1784	February 11, 1950	NW-NW Section 25 T18N-R11E	8.737
Roosevelt Tank Reservoir	CWR 1785	February 11, 1950	NE-SW Section 16 T18N-R12E	25.239
Easter Tank Reservoir	CWR 1786	February 11, 1950	SE-NW Section 8 T18N-R12E	13.144
Olen Tank Reservoir	CWR 1787	February 11, 1950	SE-SE Section 20 and SW-SW Section 21 T18N-R11E	3.766
Number 1 Tank Reservoir	CWR 1788	February 11, 1950	NW-NW Section 11 T18N-R11E	26.777

There are several other tanks associated with sources to the Twin Lakes Facility that are not directly filled by the Kinnikinick Ditch and the Morton Ditch but recognized in the 1956 Agreement.

^d Stockwatering also occurs at the stockponds identified in the above endnote.

EXHIBIT 8.2.1.1D

ATTACHED

Exhibit 8.2.1.1D

CONFIDENTIAL RULE 408

SETTLEMENT DRAFT

Submitted for settlement purposes only.

ABSTRACT FOR THE CITY OF FLAGSTAFF
STIPULATION / NAIWRS
Surface Water

Upper & Lower Lake Mary		
1.	Owner	City of Flagstaff
2.	Landowner	U.S. Forest Service
3.	Completion Date	Lower Lake Mary - December 31, 1903 Upper Lake Mary - December 31, 1941
4.	Statement of Claimant No.(s).	39-03-83948; 39-03-83949
5.	Statement of Claimant Names	City of Flagstaff
6.	Lessee or Permittee	n/a
7.	Basis of Right	Pre-1919; State law; CWRs1984 and 3998; 1974 Water Rights Registration Act Registry No. 36-104752; U.S. Forest Service Special Use Permit October 19, 2004
8.	Beneficial Use	Municipal & Industrial; recreation, fish, wildlife
9.	Priority Date	December 31, 1903
10.	Storage Capacity	Lower Lake Mary: 8,617 AF Upper Lake Mary: 16,575 AF
11.	Quantity	Historic use includes combined operation for continuous fill; maximum diversion 10,035 AFY
12.	Places of Use	City of Flagstaff Service Area
13.	Points of Diversion	NE SE 18 T20N R8E (Lower Lake Mary) SW SE 27, T20N, R8E (Upper Lake Mary)
14.	Source of Water	Surface Water – Lake Mary watershed - Walnut Creek
15.	Comments	Combined Storage Right: 25,192 AF; Lower Lake Mary constructed in 1903; Upper Lake Mary constructed in 1941 and enlarged in 1951

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ABSTRACT FOR THE CITY OF FLAGSTAFF STIPULATION / NAIWRS Surface Water

