

Allotment & Patent Numbers		Date of Allotment		Type, Purpose, and Authority			Location				Reservation
AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
311331	846360	02/01/1922	09/20/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	021E	30	NW	1934
311336	809762	06/11/1921	02/18/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	016E	24	SW	1934
311337	809763	06/11/1921	02/18/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	016E	26	NE	1934
311338	809764	06/11/1921	02/18/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	016E	26	SE	1934
311340	783442	11/22/1920	02/12/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	016E	26	SW	1934
311341	809765	06/11/1921	02/18/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	30	SW	1934
311342	809766	06/11/1921	02/18/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	30	SE	1934
311343	809767	06/11/1921	02/18/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	30	NW	1934
311344	809768	06/11/1921	02/18/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	30	NE	1934
311345	848085	02/09/1922	02/14/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	32	NE	1934
311346	848086	02/09/1922	02/14/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	32	SE	1934
311347	848087	02/09/1922	02/14/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	32	NW	1934
311348	848088	02/09/1922	02/14/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	017E	32	SW	1934
311350	865573	06/02/1922	02/06/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	2	NW	1934
311351	865574	06/02/1922	01/06/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	2	SE	1934
311352	865575	06/02/1922	01/06/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	2	NE	1934
311353	808813	06/02/1921	12/29/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	12	SW	1934
311354	783443	11/22/1920	12/29/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	12	NW	1934
311355	783444	11/22/1920	12/29/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	12	SE	1934

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311400	905401	05/05/1923	03/27/1912	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	2	SW	1934
311401	905402	05/05/1923	05/26/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	2	SE	1934
311402	828194	10/11/1921	05/26/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	2	NE	1934
311403	905403	05/05/1923	05/16/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	2	NW	1934
311404	783453	11/22/1920	12/15/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	6	NE	1934
311405	783795	11/26/1920	06/16/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	12	NE	1934
311406	741710	03/26/1920	05/12/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	12	SW	1934
311407	911452	07/12/1923	05/12/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	12	SE	1934
311408	911453	07/12/1923	05/12/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	14	NW	1934
311409	911454	07/12/1923	03/27/1912	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	14	NE	1934
311410	828195	10/11/1921	05/12/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	14	SE	1934
311411	911455	07/12/1923	05/12/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	14	SW	1934
311412	783796	11/26/1920	06/16/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	18	SW	1934
311414	783797	11/26/1920	06/16/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	18	SE	1934
311415	783511	11/23/1920	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	20	SW	1934
311416	783512	11/23/1920	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	20	NE	1934
311417	783513	11/23/1920	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	20	NW	1934
311418	783514	11/23/1920	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	20	SE	1934
311419	865579	06/02/1922	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	22	SE	1934

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AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
311421	783798	11/02/1920	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	22	NW	1934
311423	783799	11/26/1920	06/16/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	24	NW	1934
311424	783800	11/26/1920	06/16/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	24	NE	1934
311425	916012	09/05/1923	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	24	SW	1934
311426	783515	11/23/1920	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	24	SE	1934
311427	988198	10/30/1926	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	26	SE	1934
311428	988199	10/30/1926	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	26	NE	1934
311429	832419	11/15/1921	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	26	SW	1934
311430	783516	11/23/1920	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	26	NW	1934
311431	783517	11/23/1920	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	28	SE	1934
311432	783518	11/23/1920	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	28	SW	1934
311433	783519	11/23/1920	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	28	NW	1934
311434	783520	11/23/1920	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	28	NE	1934
311435	783521	11/23/1920	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	30	NW	1934
311436	988200	10/30/1936	06/19/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	30	NE	1934
311437	783522	11/23/1920	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	30	SE	1934
311438	783523	11/23/1920	06/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	020E	30	SW	1934
311447	828196	10/11/1921	05/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	8	NE	1934
311448	783524	11/23/1920	05/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	8	N2 & SWSW	1934

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AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
311449	783525	11/23/1920	05/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	8	NW	1934
311450	783526	11/23/1920	05/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	8	SE	1934
311455	959781	05/23/1925	06/07/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	12	SE	1934
311456	959782	05/23/1925	06/07/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	12	NW	1934
311457	959783	05/23/1925	06/07/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	12	NE	1934
311461	783454	11/22/1920	05/18/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	14	SE	1934
311462	1220324	11/26/1920	06/16/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	18	NW	1934
311463	741719	03/26/1920	05/27/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	20	NE	1934
311464	741720	03/26/1920	05/27/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	20	SW	1934
311466	741721	03/26/1920	05/27/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	20	NW	1934
311467	783455	11/22/1920	05/18/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	22	NW	1934
311468	783456	11/22/1920	05/18/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	22	NE	1934
311470	783457	11/22/1920	05/18/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	22	SE	1934
311471	783458	11/22/1920	05/18/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	24	NW	1934
311475	959784	05/23/1925	06/12/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	26	NE	1934
311476	988604	11/06/1926	06/12/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	26	SE	1934
311479	783527	11/23/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	32	SE	1934
311480	770336	08/30/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	28	SE	1934
311481	770337	08/30/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	28	SW	1934



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311482	956065	03/26/1925	05/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	28	NW	1934
311487	783528	11/23/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	32	NW	1934
311488	783529	11/23/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	32	NE	1934
311489	828197	10/11/1921	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	32	SW	1934
311490	770338	08/30/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	28	NE	1934
311491	770339	08/30/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	34	SE	1934
311492	770340	08/30/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	34	SW	1934
311493	770341	08/30/1920	05/22/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	021E	34	NW	1934
311495	965355	08/19/1925	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	018E	14	NW	1934
311496	963458	07/22/1925	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	018E	12	SE	1934
311497 <sup>c</sup>	887401	11/13/1922	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	018E	12	NE	1882 & 1934
311508	841023	01/05/1922	12/08/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	018E	24	NW	1934
311509	841024	01/05/1922	12/08/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	018E	24	SW	1934
311510	841025	01/05/1922	12/08/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	018E	24	SE	1934
311511	841026	01/05/1922	12/08/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	018E	24	W2NE & SENE	1934
311519 <sup>c</sup>	783460	11/22/1920	02/05/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	10	NW	1882 & 1934
311520 <sup>c</sup>	783461	11/22/1920	02/05/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	10	NE	1882 & 1934
311521	800875	03/26/1921	02/05/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	10	SE	1934
311522	783462	11/22/1920	02/05/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	10	SW	1934

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AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
311523	841027	01/05/1922	02/03/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	12	SW	1934
311525	783463	11/22/1920	02/05/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	12	SE	1934
311526 <sup>c</sup>	783464	11/22/1920	02/05/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	12	NE	1882 & 1934
311527 A	862392	05/15/1922	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	18	LOT 1 & 2	1934
311527 B	862392	05/15/1922	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	18	E NW	1934
311528	862393	05/15/1922	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	18	NE	1934
311529	862394	05/15/1922	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	18	SE	1934
311530	862395	05/15/1922	12/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	18	SW	1934
311531	770960	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	20	SW	1934
311532	977064	04/03/1926	03/29/1912	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	20	SE	1934
311533	770961	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	20	NE	1934
311534	770962	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	20	NW	1934
311535	770963	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	22	NW	1934
311536	770964	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	22	NE	1934
311537	770965	09/02/1920	12/23/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	22	SE	1934
311538	808815	06/02/1921	12/23/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	22	SW	1934
311542	800876	03/26/1921	12/27/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	26	SE	1934
311543	770966	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	28	SE	1934
311544	770967	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	28	SW	1934

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311545	770968	09/02/1920	12/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	28	NW	1934
311546	741635	03/26/1920	12/23/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	28	NE	1934
311548	741636	03/26/1920	12/23/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	34	SW	1934
311549	741637	03/26/1920	12/23/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	34	SE	1934
311550	954624	03/05/1925	12/23/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	019E	34	NW	1934
311552	770346	08/30/1920	12/17/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	020E	18	NW	1934
311556	848107	02/09/1922	02/09/1910	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	020E	20	SE	1934
311562	783465	11/22/1920	12/15/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	020E	32	SE	1934
311563	783466	11/22/1920	12/15/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	020E	32	SW	1934
311565	978722	05/04/1926	12/15/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	020E	32	NE	1934
311566	905404	05/05/1923	03/27/1912	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	020E	34	SW	1934
311568	905405	05/05/1923	03/28/1912	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	020E	34	SE	1934
311570 <sup>c</sup>	964308	08/04/1925	06/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	12	NE	1882 & 1934
311571	964309	08/04/1925	06/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	12	SE	1934
311574	783467	11/22/1920	06/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	8	SW	1934
311575	800877	03/26/1921	06/11/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	8	SE	1934
311576	954625	03/05/1925	05/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	20	SW	1934
311577	954626	03/05/1925	05/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	20	SE	1934
311578	954627	03/05/1925	05/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	20	NW	1934

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311579	954628	03/05/1925	05/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	20	NW	1934
311581	958128	04/22/1925	05/20/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	22	SE	1934
311582	841028	01/05/1922	05/20/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	22	NW	1934
311583	783468	11/22/1920	05/20/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	22	NE	1934
311586	828198	10/11/1921	06/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	24	NE	1934
311589	783469	11/22/1920	06/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	26	NW	1934
311592	741722	03/26/1920	06/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	28	NE	1934
311593	741723	03/26/1920	06/10/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	28	SE	1934
311594	954629	03/05/1925	05/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	30	SE	1934
311595	954630	03/05/1925	05/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	30	NW	1934
311597	783470	11/22/1920	05/14/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	30	SW	1934
311600	800878	03/26/1921	06/07/1909	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	021E	34	SW	1934
322007	783533	11/23/1920	03/04/1913	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	019E	24	NW	1934
327962	741724	03/26/1920	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	021N	029E	9	NW	1934
327964	679189	05/27/1919	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	021N	029E	5	NE	1934
327969	1095594	02/14/1938	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	031E	19	NE	1934
327970	645426	08/22/1918	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	031E	19	E2E2	1934
327972	741725	03/26/1920	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	021N	029E	5	NW	1934
327973	741643	03/26/1920	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	021N	029E	3	NW	1934

Allotment & Patent Numbers		Date of Allotment		Type, Purpose, and Authority			Location				Reservation
AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
327974	679190	05/27/1919	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	029E	25	E2E2	1934
327976	743442	04/06/1920	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	029E	25	W2E2	1934
327977	718626	11/12/1919	07/29/1915	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	030E	22	NW	1934
341859	741789	03/26/1920	05/02/1919	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	031E	28	NWSW & S2SW & SWNW	1934
341893	741713	03/26/1920	02/27/1919	Public Domain	Grazing	General Allotment Act, Sec. 4	021N	029E	4	SW	1934
341918	741714	03/26/1920	02/27/1919	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	030E	31	NW	1934
344560	860991	04/26/1922	03/28/1919	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	031E	34	LOTS 1, 2, 3, 4	1934
349097	853557	03/07/1922	07/15/1921	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	031E	28	NENW & SWNE & N2NE	1934
349098	942552	08/08/1924	08/09/1920	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	029E	10	NW	1934
349127	857979	04/10/1922	05/27/1920	Public Domain	Agricultural	General Allotment Act, Sec. 4	022N	029E	26	NENE	1934
350095	848108	02/09/1922	04/10/1919	Public Domain	Grazing	General Allotment Act, Sec. 4	021N	028E	6	LOTS 3, 4, 5 & SENW	1934
351644	849865	02/18/1922	05/20/1921	Public Domain	Grazing	General Allotment Act, Sec. 4	021N	019E	30	NE	1934
351736	911456	07/12/1923	06/04/1921	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	031E	10	LOTS 1, 2, 3 & 4	1934
352385	860992	04/26/1922	10/20/1921	Public Domain	Grazing	General Allotment Act, Sec. 4	024N	017E	28	N2SE & S2NE	1934
355252	957466	04/10/1925	03/23/1923	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	029E	25	E2E2W2	1934
355333	929898	01/24/1924	04/14/1923	Public Domain	Grazing	General Allotment Act, Sec. 4	028N	009E	24	SW	1934
355334	920481	10/12/1923	04/14/1923	Public Domain	Grazing	General Allotment Act, Sec. 4	028N	008E	8	SWNE & N2SE & SESE	1934
355475	981178	06/18/1926	04/13/1923	Public Domain	Grazing	General Allotment Act, Sec. 4	029N	007E	30	S2NW & N2SW	1930
357103	1009036	11/04/1927	05/16/1924	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	022N	029E	25	W2W2	1934

Allotment & Patent Numbers		Date of Allotment		Type, Purpose, and Authority			Location				Reservation
AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
357181	9533399	02/14/1925	08/21/1924	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	016E	16	W2W2	1934
357182	953400	02/14/1925	08/21/1924	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	016E	16	E2E2	1934
357183	953401	02/14/1925	08/21/1924	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	016E	16	W2E2	1934
357184	955087	03/14/1925	08/21/1924	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	016E	16	E2W2	1934
357356	959141	05/08/1925	10/05/1924	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	26	SE	1934
357371	968675	11/02/1925	10/05/1924	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	018E	36	NW	1934
357894	966697	09/23/1925	03/03/1925	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	031E	18	SE	1934
357973	966695	09/23/1925	04/10/1925	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	030E	20	NE	1934
357974	966696	09/23/1926	04/10/1925	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	030E	20	NW	1934
358214	980239	06/03/1926	04/23/1925	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	030E	20	SE	1934
358215	981768	06/29/1926	04/17/1925	Public Domain	Grazing	General Allotment Act, Sec. 4	029N	009E	28	SW	1934
358303	980243	06/03/1926	06/02/1925	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	029E	18	LOTS 1, 2 & E2NW	1934
358347	1010427	01/06/1928	04/25/1925	Public Domain	Grazing	General Allotment Act, Sec. 4	023N	029E	28	NW	1934
358348	1010428	01/06/1928	04/25/1925	Public Domain	Agricultural	General Allotment Act, Sec. 4	023N	029E	4	SE	1934
368374	1045169	03/26/1931	04/04/1930	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	030E	14	SE	1934
368375	1045170	03/26/1931	04/04/1930	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	030E	10	SE	1934
368376	1045171	03/26/1931	04/04/1930	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	030E	10	NE	1934
368377	1045172	03/26/1931	04/04/1930	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	030E	10	SW	1934
368378	1045173	03/26/1931	04/04/1930	Public Domain	Grazing	General Allotment Act, Sec. 4	022N	030E	10	NW	1934

Allotment & Patent Numbers		Date of Allotment		Type, Purpose, and Authority			Location				Reservation
AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
310827	1046046	05/01/1931	Unknown	Public Domain	Unknown	Indian Homestead Act	022N	029E	25	N2SWNW & W2E2SW & SWNW & W2SEW	1934
358379	1041485	10/20/1930	04/13/1923	Public Domain	Agricultural & Grazing	Act of June 25, 1910, Sec. 31, 36 Stat. 855	029N	007E	20	NE	1930
358421	1033120	12/17/1929	04/13/1923	Public Domain	Grazing	Act of June 25, 1910, Sec. 31, 36 Stat. 855	029N	007E	20	SW	1930
363623	1036822	05/05/1930	02/25/1928	Public Domain	Agricultural & Grazing	Act of June 25, 1910, Sec. 31, 36 Stat. 855	029N	007E	16	W2W2	1930
324218	02-0-90-0015	05/04/1990	04/17/1893	Public Domain	Unknown	General Allotment Act, Sec. 4	032N	09E	12	Tract 37	1900
324219	02-0-90-0014	05/04/1990	04/17/1893	Public Domain	Unknown	General Allotment Act, Sec. 4	032N	09E	12	Tract 38	1900
3032 <sup>d</sup>		05/25/1939	12/15/1909	Public Domain	Grazing	General Allotment Act, Sec. 4 & Act of June 30, 1932, 47 Stat. 474	022N	030E	29	N SW & S SW	1934
AR 50	MV-0582-012	05/23/1905	Unknown	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	032N	011E	32	LOT 37	1900
AR 51 / Tract 38	MV-0582-013	05/23/1905	07/19/1892	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	032N	011E	32	LOT 38	1900
AR 51 / Tract 39	MV-0582-013	05/23/1905	07/19/1892	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	032N	011E	32	LOT 39	1900
AR 52 / Tract 42	MV-0582-014	05/23/1905	Unknown	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	032N	011E	32	LOT 42	1900
AR 52 / Tract 42	MV-0582-014	05/23/1905	Unknown	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	031N	011E	5	LOT 42	1900
AR 53 / Tract 40	MV-0582-015	05/23/1905	Unknown	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	032N	011E	32	LOT 40	1900
AR 54 / Tract 41	MV-0582-016+046	05/23/1905	04/13/1893	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	032N	011E	32	LOT 41	1900
AR 54 / Tract 41	MV-0582-016+046	05/23/1905	04/13/1893	Public Domain	Agricultural & Grazing	General Allotment Act, Sec. 4	031N	011E	5	LOT 41	1900
PR 55	MV-0702-390	12/19/1907	Unknown	Public Domain	Unknown	General Allotment Act, Sec. 4	026N	030E	22	E2NE	EO of 1907, Amended 1908
PR 56	558642	12/14/1919	Unknown	Public Domain	Unknown	General Allotment Act, Sec. 4	026N	030E	14	E2SW	EO of 1907, Amended 1908
PR 59	21037	10/12/1908	Unknown	Public Domain	Unknown	General Allotment Act, Sec. 4	026N	030E	14	LOTS 5, 7 & W2SW	EO of 1907, Amended 1908



Allotment & Patent Numbers		Date of Allotment		Type, Purpose, and Authority			Location			Reservation	
AZ Allotment No.	Patent No.	Patent Date	Application Date	Type of Allotment	Purpose	Congressional Authority	Township	Range	Section	Quarter Section	Surrounding Year of Acquisition
PR 62	1057016	08/23/1932	Unknown	Public Domain	Unknown	General Allotment Act, Sec. 4	025N	030E	12	SWNE & E2NW & NESW	EO of 1907, Amended 1908

c. Allotments 311497, 311519, 311520, 311526, and 311570 were issued pursuant to Section 4 of the General Allotment Act between 1909 and 1910 but are partially located within an area made a part of the Navajo Reservation in 1882. Accordingly, for those portions of the Allotments that lie within the area added to the Reservation in 1934, the United States will claim water rights for the Allotments as Public Domain Allotments. For those portions of the Allotments that lie within the area added to the Reservation in 1882, the United States will claim water rights for these Allotments as Reservation Allotments.

<sup>d</sup> Allotment 3032 encompasses land previously included in Allotment 310161 and sold by the allottee to another Indian pursuant to the Act of June 30, 1932.

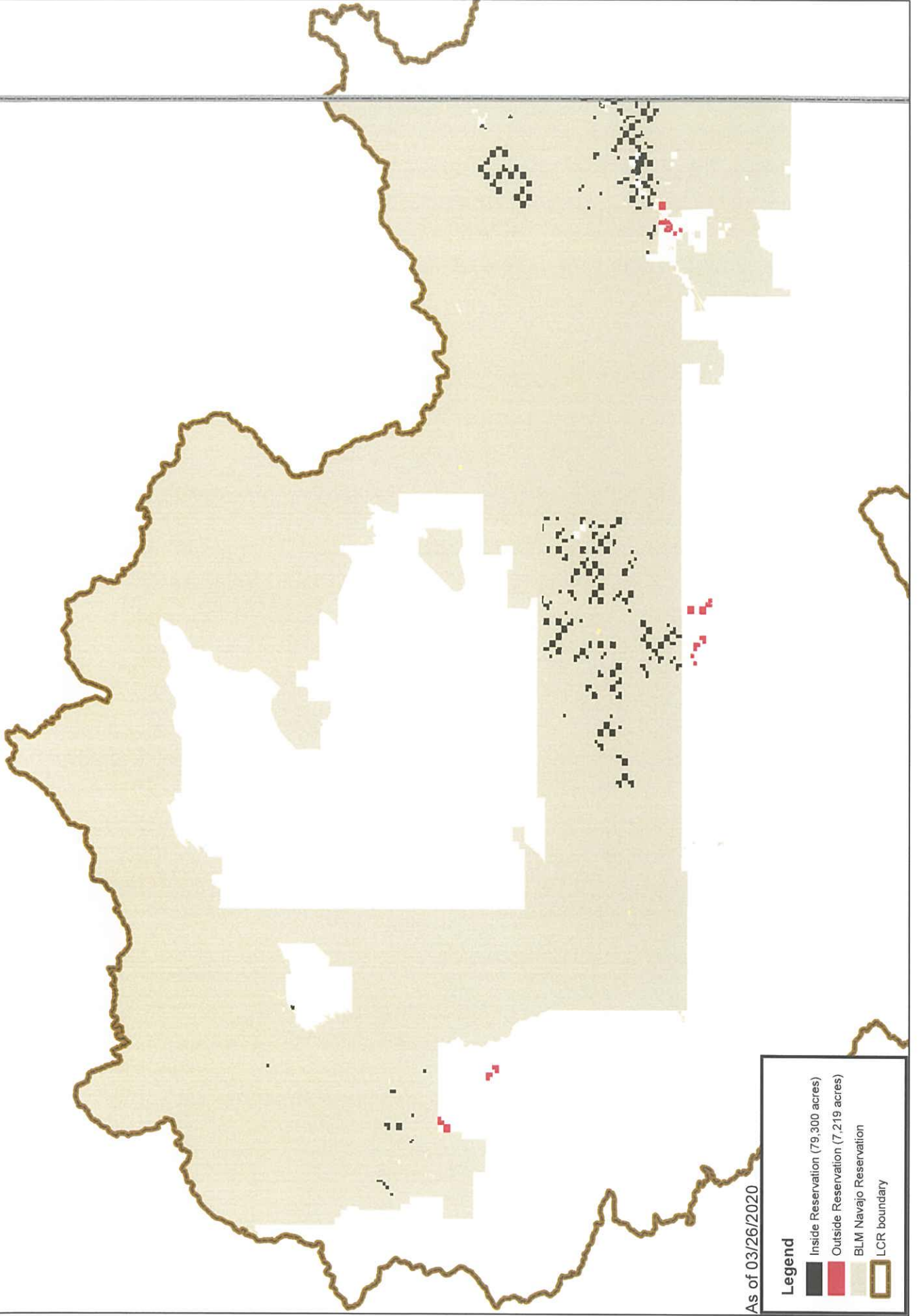
**EXHIBIT 3.1.132a**

**ATTACHED**

EXHIBIT 3.1.132a Map of 51 Public Domain Allotments outside the Navajo Reservation

DRAFT LCR Navajo Allotments 2020

AZ NM



As of 03/26/2020

**EXHIBIT 3.1.132b**

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

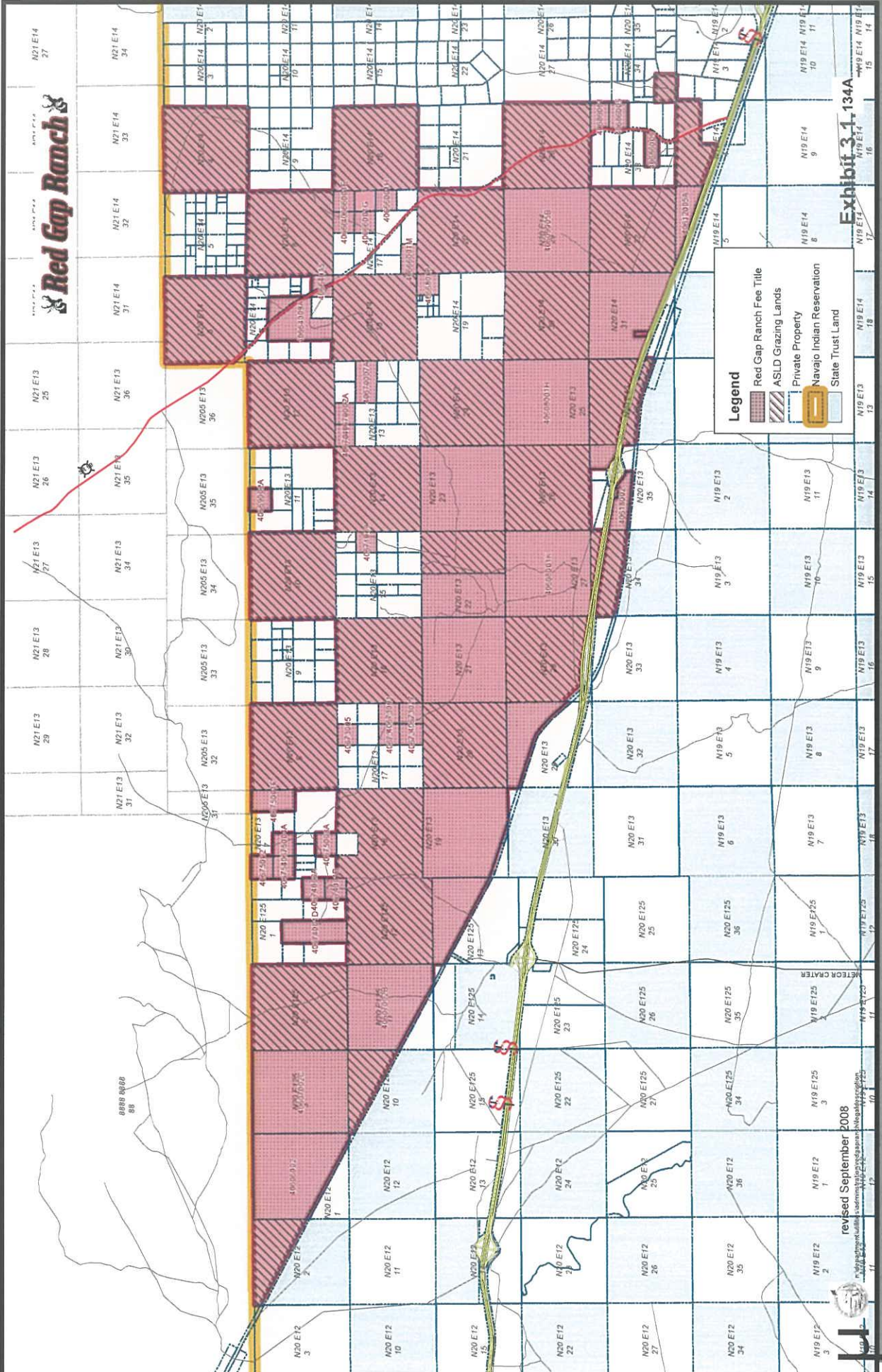
**Abstract of 51 Public Domain Allotments outside the Navajo Reservation**

**EXHIBIT 3.1.134a**

**ATTACHED**



# Red Gap Ranch & Co.



**Legend**

- Red Gap Ranch Fee Title
- ASLD Grazing Lands
- Private Property
- Navajo Indian Reservation
- State Trust Land

Exhibit 3.1.134A

revised September 2008



**EXHIBIT 3.1.134b**

**ATTACHED**



**LEGAL DESCRIPTION OF RED GAP RANCH LANDS**

PARCEL NO. 1

THAT PORTION OF SECTION 1, LYING NORTH OF THE NORTH RIGHT OF WAY LINE OF THE ATCHISON, TOPEKA AND SANTA FE RAILROAD, LOCATED IN TOWNSHIP 20 NORTH, RANGE 12 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;  
EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 2:

THAT PORTION OF SECTION 11, AND SECTION 13 LYING NORTH OF THE NORTH RIGHT OF WAY LINE OF THE ATCHISON, TOPEKA AND SANTA FE RAILROAD, LOCATED IN TOWNSHIP 20 NORTH, RANGE 12 ½ EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 3:

ALL OF SECTION 3, TOWNSHIP 20 NORTH, RANGE 12 ½ EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 4:

ALL OF SECTION 23, AND SECTION 25, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 14/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 5:

ALL OF SECTIONS 21 AND 27; THE WEST HALF OF SECTION 22; THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 18, AND THOSE PORTIONS OF SECTIONS 19, 29 AND 33, LYING NORTH OF THE NORTH RIGHT OF WAY LINE OF THE ATCHISON, TOPEKA AND SANTA FE RAILROAD, LOCATED IN TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPTING THEREFROM ANY PORTION LYING WITHIN INTERSTATE HIGHWAY 40 AS SET FORTH IN FINAL ORDER OF CONDEMNATION RECORDED MAY 29, 1974 IN DOCKET 507, PAGE 476, AND IN DOCKET 507, PAGE 520, RECORDS OF COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 6:

ALL OF SECTION 29 AND THAT PORTION OF SECTION 31, LYING NORTH OF THE NORTH RIGHT OF WAY OF THE ATCHISON, TOPEKA AND SANTA FE RAILROAD, LOCATED IN TOWNSHIP 20 NORTH, RANGE 14 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPTING THE WEST HALF OF THE WEST HALF OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 31;

FURTHER EXCEPTING THEREFROM ANY PORTION OF SECTION 31 LYING WITHIN INTERSTATE HIGHWAY 40 AS SET FORTH IN FINAL ORDER OF CONDEMNATION RECORDED MAY 29, 1974 IN DOCKET 507, PAGE 476, AND IN DOCKET 507, PAGE 520, RECORDS OF COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 7:

THAT PORTION OF SECTION 5 LYING NORTH OF THE NORTH RIGHT OF WAY OF THE ATCHISON, TOPEKA AND SANTA FE RAILROAD, LOCATED IN TOWNSHIP 19 NORTH, RANGE 14 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPTING THEREFROM ANY PORTION LYING WITHIN INTERSTATE HIGHWAY 40 AS SET FORTH IN FINAL ORDER OF CONDEMNATION RECORDED MAY 29, 1974 IN DOCKET 507, PAGE 476, AND IN DOCKET 507, PAGE 520, RECORDS OF COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 8:

THAT PORTION OF SECTION 35 LYING NORTH OF THE NORTH RIGHT OF WAY LINE OF THE ATCHISON, TOPEKA AND SANTA FE RAILROAD, LOCATED IN TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT A RECTANGULAR PARCEL OF LAND 210 FEET BY 622.29 FEET LOCATED IN THE NORTHWEST QUARTER OF SAID SECTION 35, BOUNDED BY LINES MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 35, SAID CORNER BEING A GOVERNMENT LAND OFFICE STANDARD BRASS CAP MARKER, THE COMMON CORNER OF SECTION 26, 27, 34 AND 35 IN SAID TOWNSHIP AND RANGE;

THENCE SOUTH  $0^{\circ} 03' 30''$  EAST ALONG THE WEST BOUNDARY OF SAID SECTION 35, A DISTANCE OF 1162.05 FEET TO AN INTERSECTION WITH THE SOUTHERLY BOUNDARY OF THE RIGHT OF WAY OF THE NEWLY CONSTRUCTED HIGHWAY 66;

THENCE SOUTH  $79^{\circ} 52'$  EAST ALONG THE SOUTHERLY BOUNDARY OF THE HIGHWAY RIGHT OF WAY A DISTANCE OF 2017.35 FEET TO THE TRUE POINT OF BEGINNING;

THENCE CONTINUING ALONG THE SAID SOUTHERLY BOUNDARY OF THE HIGHWAY RIGHT OF WAY,

SOUTH 79° 52' EAST A DISTANCE OF 622.29 FEET;  
THENCE SOUTH 10° 08' WEST A DISTANCE OF 210 FEET;  
THENCE NORTH 79° 52' WEST A DISTANCE OF 622.29 FEET;  
THENCE NORTH 10° 08' EAST A DISTANCE OF 210 FEET MORE OR LESS, TO THE TRUE POINT OF BEGINNING; AND

EXCEPT THAT PORTION OF THE NORTH HALF OF THE NORTH HALF OF SECTION 35, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 35;  
THENCE ALONG THE NORTH LINE OF SAID SECTION 35, SOUTH 89° 51' 44" EAST 3764.11 FEET;  
THENCE SOUTH 0° 00' 15" EAST 1021.80 FEET TO THE EXISTING NORTHERLY RIGHT OF WAY LINE OF INTERSTATE HIGHWAY 40 (FLAGSTAFF HOLBROOK HIGHWAY);  
THENCE ALONG SAID EXISTING HIGHWAY RIGHT OF WAY LINE OF THE FOLLOWING THREE COURSES:

- (1) NORTH 79° 52' 00" WEST 350.00 FEET;
- (2) SOUTH 70° 18' 22" WEST 864.52 FEET;
- (3) NORTH 79° 52' 00" WEST 2646.41 FEET TO THE WEST LINE OF SAID SECTION 35;

THENCE ALONG SAID WEST SECTION LINE NORTH 0° 02' 25" WEST 794.99 FEET TO THE POINT OF BEGINNING; AND

EXCEPT THAT PORTION OF THE EAST HALF OF SECTION 35, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF THE EXISTING SOUTHERLY RIGHT OF WAY LINE OF INTERSTATE HIGHWAY 40 (FLAGSTAFF-HOLBROOK HIGHWAY) WITH THE EAST LINE OF SAID SECTION 35, WHICH POINT IS SOUTH 0° 00' 15" EAST 2091.92 FEET FROM THE NORTHEAST CORNER OF SAID SECTION 35;  
THENCE ALONG THE AFORESAID EAST LINE OF SECTION 35, SOUTH 0° 00' 15" EAST 639.33 FEET TO THE EXISTING NORTHERLY LINE OF THE 200.00 FOOT RIGHT OF WAY OF THE A.T.&S.F. RAILWAY COMPANY;  
THENCE ALONG SAID NORTHERLY RIGHT OF WAY LINE NORTH 84° 12' 45" WEST 1728.49 FEET;  
THENCE NORTH 0° 00' 15" WEST 376.59 FEET TO THE AFORESAID EXISTING SOUTHERLY RIGHT OF WAY LINE OF INTERSTATE HIGHWAY 40;  
THENCE ALONG SAID HIGHWAY RIGHT OF WAY LINE THE FOLLOWING FOUR COURSES:

- (1) SOUTH 79° 52' 00" EAST 35.00 FEET;
- (2) NORTH 72° 20' 34" EAST 836.48 FEET;
- (3) SOUTH 79° 52' 00" EAST 739.40 FEET;
- (4) ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 34,227.48 FEET, A DISTANCE OF 162.87 FEET TO THE POINT OF BEGINNING;

AND FURTHER EXCEPTING THEREFROM ANY PORTION LYING WITHIN INTERSTATE HIGHWAY 40 AS SET FORTH IN FINAL ORDER OF CONDEMNATION RECORDED MAY 29, 1974 IN DOCKET 507, PAGE 476, AND IN DOCKET 507, PAGE 520, RECORDS OF COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 9:

THE EAST HALF OF THE SOUTHWEST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHWEST

QUARTER; THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER, THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER, ALL IN SECTION 7, TOWNSHIP 20 NORTH, RANGE 14 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT ANY PORTION LYING WITHIN THE WINSLOW-GRAY MOUNTAIN HIGHWAY, AS SET FORTH IN FINAL ORDER OF CONDEMNATION RECORDED IN DOCKET 576, PAGE 21, RECORDS OF COCONINO COUNTY, ARIZONA;

AND EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS, PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 10:

THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 20 NORTH, RANGE 14 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT ANY PORTION LYING WITHIN THE WINSLOW-GRAY MOUNTAIN HIGHWAY, AS SET FORTH IN FINAL ORDER OF CONDEMNATION RECORDED IN DOCKET 576, PAGE 21, RECORDS OF COCONINO COUNTY, ARIZONA;

AND EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS, PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 11:

THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 19, TOWNSHIP 20 NORTH, RANGE 14 EAST; OF THE GILA AND SALT RIVER BASE AND COCONINO, MARICOPA COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 12:

THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 11, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 13:

THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 13, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 14:

THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 13, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 15:

THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 13, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 16

THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 15, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 17:

THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 20 NORTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS, PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 18:

THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 20 NORTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS, PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 19:

THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 20 NORTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS,

PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 20:

THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 21:

THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 20 NORTH, RANGE 13 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 22:

THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 1, TOWNSHIP 20 NORTH, RANGE 12 ½ EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 23:

THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 1, TOWNSHIP 20 NORTH, RANGE 12 ½ EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA; AND

EXCEPT ALL COAL, OIL, GAS AND MINERALS AS RESERVED IN INSTRUMENT RECORDED AUGUST 18, 1970 IN DOCKET 365, PAGE 225, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 24:

THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER, AND THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 1, TOWNSHIP 20 NORTH, RANGE 12 ½ EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT THE NORTH, SOUTH, EAST AND WEST 15 FEET, AS CONVEYED TO COCONINO COUNTY BY DEED RECORDED IN DOCKET 425, PAGE 291.

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN

INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 25:

THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 1, TOWNSHIP 20 NORTH, RANGE 12 ½ EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 26:

LOT 1, AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 7, TOWNSHIP 20 NORTH, RANGE 13 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 27:

LOT 4 OF SECTION 7, TOWNSHIP 20 NORTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS, PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 28:

THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 7, TOWNSHIP 20 NORTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS, PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 29:

THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 7, TOWNSHIP 20 NORTH, RANGE 13 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA;

EXCEPT 15/16TH INTEREST OF ALL OIL, GAS, HYDROCARBON AND MINERALS, AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, AND BOOK 25 OF OFFICIAL RECORDS, PAGE 494, AND BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 30:



LOTS 1, 5 AND 9, OF POSEN RANCH, A SUBDIVISION OF SECTION 33, TOWNSHIP 20 NORTH, RANGE 14 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF COCONINO COUNTY, ARIZONA, RECORDED IN BOOK 4 OF SURVEYS, PAGE 95;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA.

PARCEL NO. 31:

LOTS 1, 2, 3, 4 AND 8, OF LITTLE RED-GAP RANCH, BEING A PORTION OF SECTION 17, TOWNSHIP 20 NORTH, RANGE 14 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, COCONINO COUNTY, ARIZONA, ACCORDING TO THE PLAT OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF COCONINO COUNTY, ARIZONA, RECORDED IN BOOK 5 OF SURVEYS, PAGE 36;

EXCEPT 15/16TH INTEREST IN ALL OIL, GAS, HYDROCARBON AND MINERALS AS RESERVED IN INSTRUMENTS RECORDED IN BOOK 68 OF DEEDS, PAGE 322, BOOK 25 OF OFFICIAL RECORDS, PAGE 494, BOOK 46 OF OFFICIAL RECORDS, PAGE 475, AND IN DOCKET 296, PAGE 57, RECORDS OF COCONINO COUNTY, ARIZONA;  
AND

EXCEPT ALL COAL, OIL, GAS AND MINERALS AS RESERVED IN INSTRUMENT RECORDED APRIL 11, 1968 IN DOCKET 302, PAGE 343, RECORDS OF COCONINO COUNTY, ARIZONA.

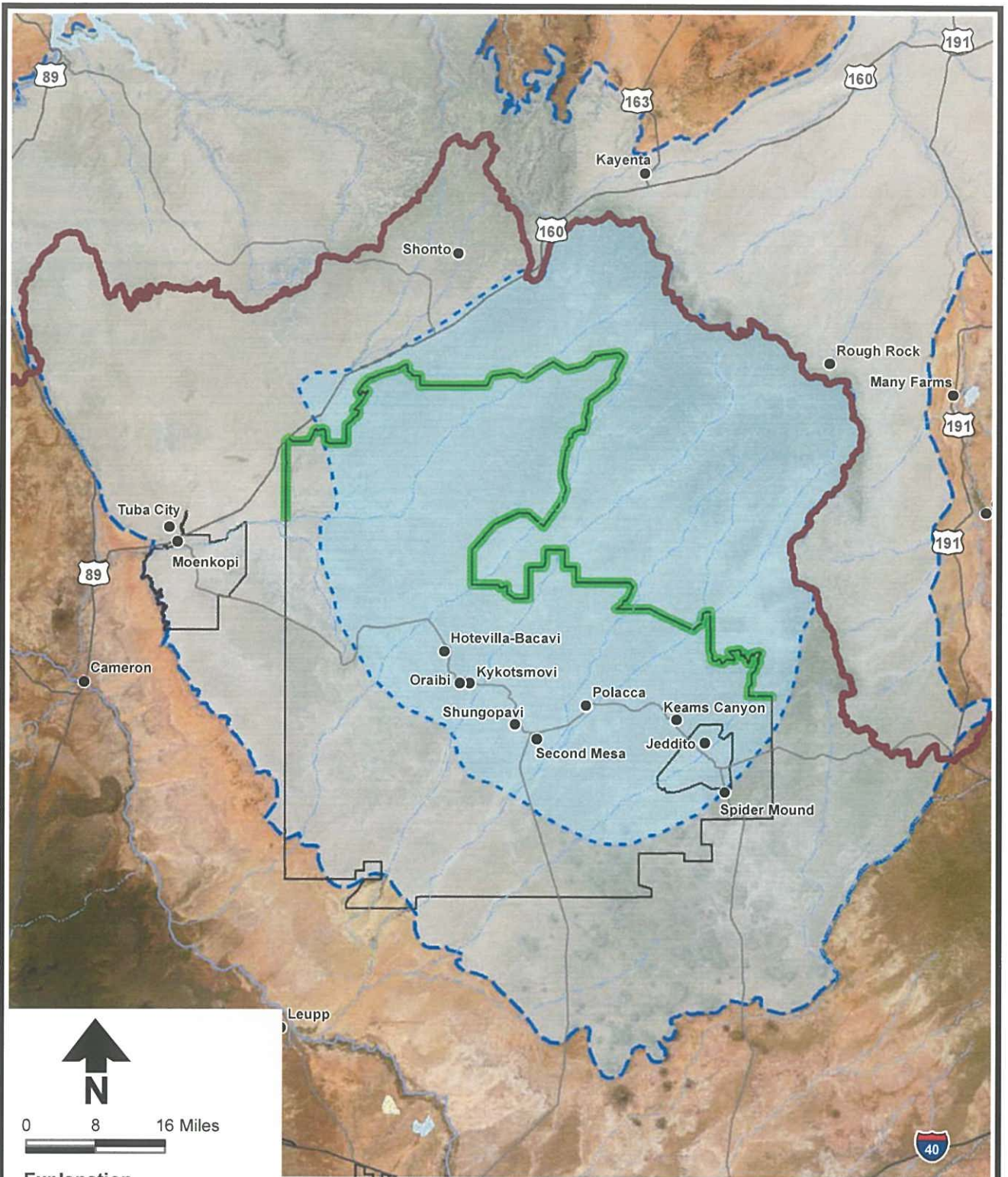
PARCEL OF APPROXIMATELY 46.6 ACRES

Lot 5, Section 7, Township 20 North, Range 13 East, of the Gila and Salt River Base and Meridian, Coconino County, Arizona. Parcel # 406-75-003A.

**EXHIBIT 3.1.138**

**ATTACHED**

Q:\PROJECTS\HOPI\_WATER\_RIGHTS\_SETTLEMENT\GIS\MXD\2024\EXHIBIT\_N\_AQUIFER\_RESTRICTED\_ZONE.MXD



**Explanation**

- Town or village
- ▭ Hopi Reservation
- ▭ Little Colorado River (LCR) Basin boundary
- ▭ Approximate N aquifer extent
- ▭ N Aquifer Restricted Zone
- ▭ Approximate confined N aquifer extent

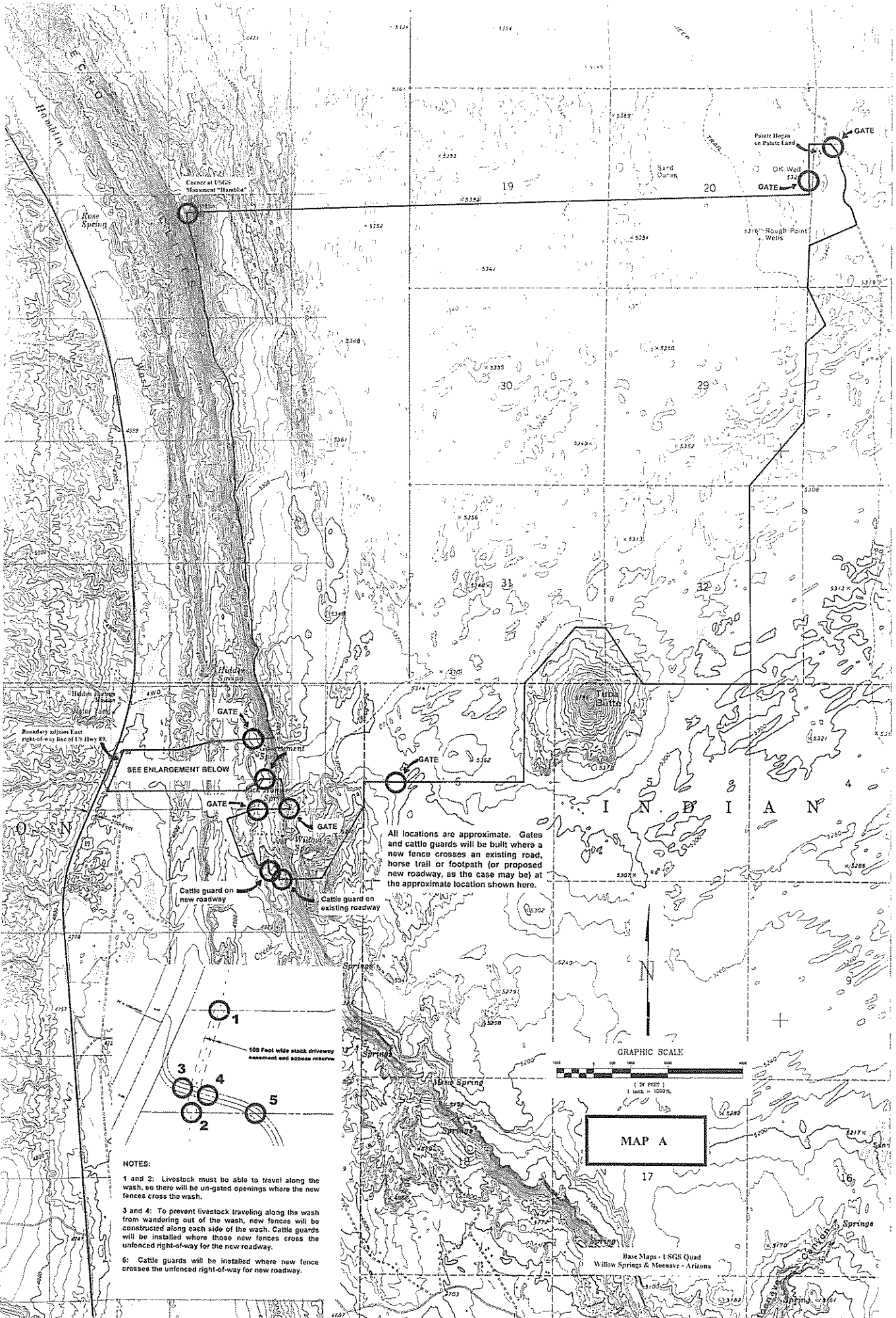
**EXHIBIT 3.1.146**

**ATTACHED**



**EXHIBIT 3.1.147**

**ATTACHED**



Center at USGS  
Monument "Hambler"

Rose Spring

Point Megan  
on Public Land

OK Well

Rough Point  
Wells

Hidden Springs

Hidden Springs

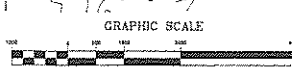
Boundary follows East  
right-of-way line of US Hwy 89

SEE ENLARGEMENT BELOW

Cattle guard on  
new roadway

Cattle guard on  
existing roadway

All locations are approximate. Gates  
and cattle guards will be built where a  
new fence crosses an existing road,  
horse trail or footpath (or proposed  
new roadway, as the case may be) at  
the approximate location shown here.



MAP A

NOTES:

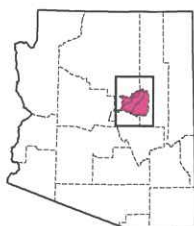
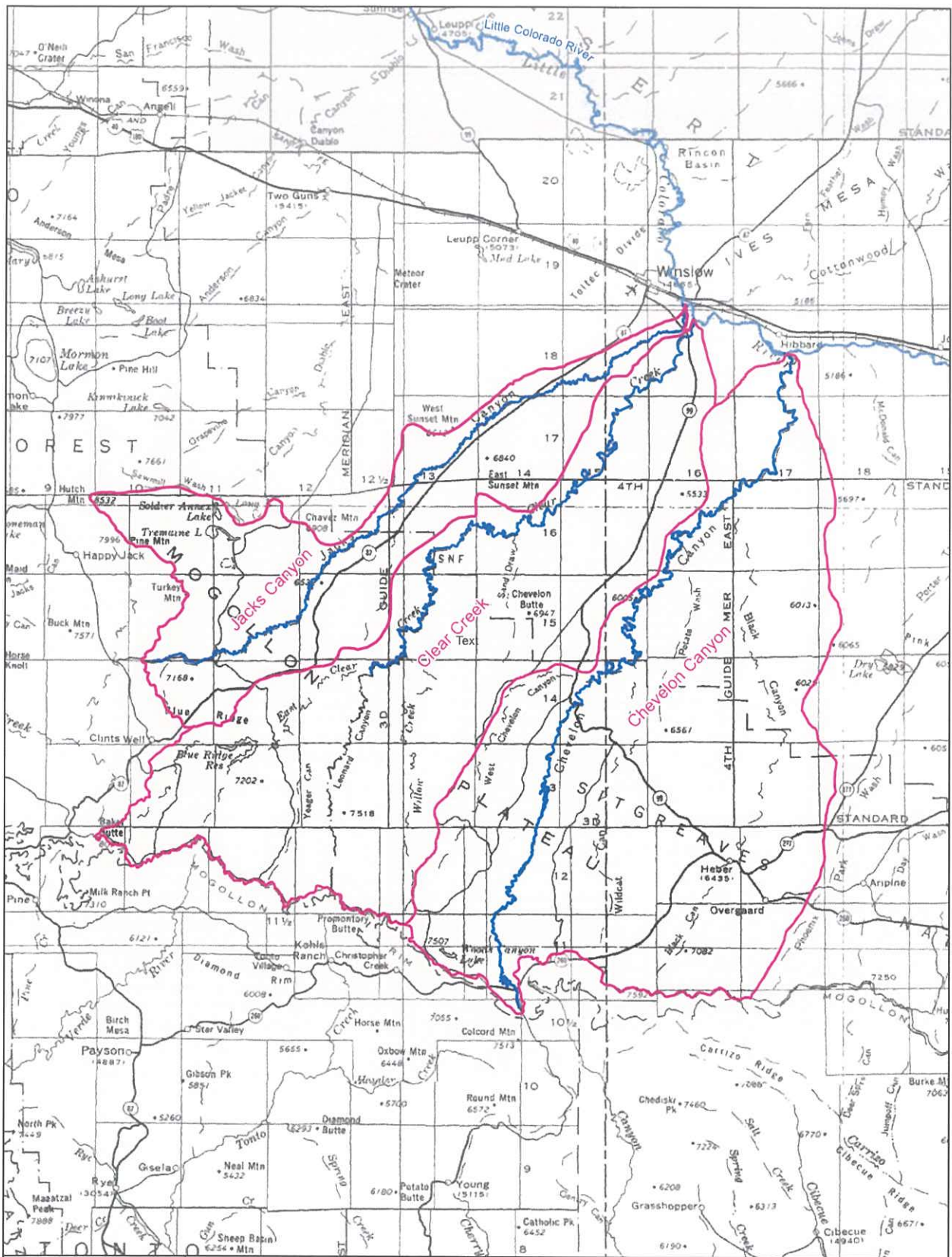
- 1 and 2: Livestock must be able to travel along the wash, so there will be un-gated openings where the new fences cross the wash.
- 3 and 4: To prevent livestock traveling along the wash from wandering out of the wash, new fences will be constructed along each side of the wash. Cattle guards will be installed where those new fences cross the unfenced right-of-way for the new roadway.
- 5: Cattle guards will be installed where new fence crosses the unfenced right-of-way for new roadway.

Base Maps - USGS Quad  
Willow Springs & Moencave - Arizona






**EXHIBIT 3.1.156**

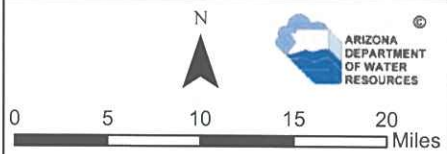
**ATTACHED**



**Legend**

-  Major Stream
-  Reservation Lands in the LCR Adjudication Area
-  Three-Canyon Area Watersheds

Basemap: 1:500,000 USGS Topographic Map



**Exhibit 3.1.156**  
**Three-Canyon Area Map**



**EXHIBIT 3.1.161**

**ATTACHED**

## TURQUOISE RANCH PARCEL BOUNDARY DESCRIPTION

A tract of land situate in east half and the northwest quarter of Section 3, Township 19 North, Range 14 East, Gila and Salt River Meridian, as identify of Parcel 1 of Turquoise Ranch, Coconino County, State of Arizona, being more particularly described as follows:

Commence at the northeast section corner of Section 3, Township 19 North, Range 14 East, Gila and Salt River Meridian, a found U.S.G.L.O.S. brass cap dated 1917, from which the basis of bearing is the east section line of Section 3, Township 19 North, Range 14 East, Gila and Salt River Meridian, bears S 00° 14' 49" west, 2,801.87 feet, (Arizona Central Zone, True North), recorded in Book 7, Page 46C of Robert Beamish survey plat, surveyed May 15, 1989, said point being the point of beginning;

Thence S 00° 14' 49" W, a distance of 2,801.87 feet  
Thence S 00° 09'25" W, a distance of 2,217.16 feet  
Thence S 63° 24' 01" W, a distance of 41.94 feet  
Thence S 70° 18' 56" W, a distance of 355.39 feet  
Thence N 81° 45' 06" W, a distance of 362.71 feet  
Thence N 71° 34' 17" W, a distance of 1,131.04 feet  
Thence N 02° 53' 27" E, a distance of 2,366.13 feet  
Thence N 69° 35' 27" w, a distance of 1,153.22 feet  
Thence N 00° 00' 00" E, a distance of 2,023.55 feet  
Thence S 89° 09' 28" E, a distance of 105.44 feet  
Thence S 89° 09' 28" E, a distance of 415.91 feet  
Thence S 89° 09' 28" E, a distance of 1,319.75 feet  
Thence S 89° 09' 28" E, a distance of 908.43 feet  
Thence S 89° 09' 28" E, a distance of 34.53  
to the point of beginning.

Said tract of land contains more or less 253.79 acres.

Lot#97. A tract of land situate in the northeast quarter of the northeast quarter of Section 15, Township 20 North, Range 14 East, Gila and Salt River Meridian, in the vicinity of Turquoise Ranch Phase II, Coconino County, State of Arizona, being more particularly described as follows:

Commence at the southeast section corner of Section 10, Township 20 North, Range 14 East, Gila and Salt River Meridian, a found U.S.B.L.M. brass cap date 1947, said point being the point of beginning:

Thence S 00° 36' 22" E, a distance of 1,326.92 feet  
Thence N 89° 43' 56" W, a distance of 1,323.43 feet  
Thence N 00° 32: 00" W, a distance of 1,326.17 feet

Thence S 89° 45' 49" E, a distance of 1,321.73  
To the point of beginning.

Said tract contains more or less 40.27 acres.

Lot #98. A tract of land situate in the Southeast quarter of the southeast quarter of Section 10, Township 20 North, Range 14 East, Gila and Salt River Meridian, in the vicinity of Turquoise Ranch Phase I, Coconino County, State of Arizona, being more particularly described as follows:

Commence at the southeast section corner of Section 10, Township 20 North, Range 14 East, Gila and Salt River Meridian, a found U.S.B.L.M. brass cap dated 1947, said point being the point of beginning:

Thence N 89° 45' 49" W, a distance of 1,321.73 feet  
Thence N 00° 34' 38" E, a distance of 1,296.48 feet  
Thence N 00° 34' 38" E, a distance of 30.00 feet  
Thence S 89° 49' 38" E, a distance of 1,322.33 feet  
Thence S 00° 36' 10" W, a distance of 30.00 feet  
Thence S 00° 36' 10" W, a distance of 1,297.95 feet  
To the point of beginning.

Said tract contains more of less 40.28 acres.

Lot # 134. A tract of land situate in the northwest quarter of the southwest quarter of Section 3, Township 20 North, Range 14 East, Gila and Salt River Meridian, in the vicinity of Turquoise Ranch Phase II, Coconino County, State of Arizona, being more particularly described as follows:

Thence S 46° 30' 46" W, a distance of 3,760.66 feet  
Said point being the point of beginning:

Thence S 89° 57' 44" E, a distance of 30.00 feet  
Thence S 01° 20' 11" W, a distance of 1,296.64 feet  
Thence N 89° 59' 15" W, a distance of 30.00 feet  
Thence N 89° 59' 15" W, a distance of 1,293.44 feet  
Thence N 01° 20' 58" E, a distance of 1,297.23 feet  
Thence S 89° 57' 44" E, a distance of 1,293.13 feet  
To the point of beginning.

Said tract contains more of less 39.39 acres.

Containing Total Acreage of 373.73 acres, more or less.

**EXHIBIT 3.1.162**

**ATTACHED**

TWIN ARROWS PARCEL  
BOUNDARY DESCRIPTION

A portion of the north half of Section 31, and the south half of Section 29, Township 21 North, Range 11 East, Gila and Salt River Meridian, Coconino County, Arizona, described as follows:

BEGINNING at a set aluminum cap marked "RLS 18215" at the corner common to Sections 29, 30, 31 and 32, Township 21 North, Range 11 East, Gila and Salt River Meridian, Coconino County, Arizona;

Thence North  $00^{\circ}25'51''$  West, 460.17 feet along the west line of said Section 29 to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence continuing North  $00^{\circ}25'51''$  West, 880.64 feet along said west line of Section 29 to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence continuing North  $00^{\circ}25'51''$  West, 1297.66 feet along said west line of Section 29 to a found U.S. Government Land Office brass cap at the west quarter corner of said Section 29;

Thence North  $89^{\circ}34'49''$  East, 90.00 feet along the latitudinal mid-section line of said Section 29 to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence South  $00^{\circ}25'51''$  East, 935.28 feet along a line parallel with and 90.00 feet east of said west line of Section 29 to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North  $44^{\circ}11'15''$  East, 99.65 feet to a set 1/2" diameter drill hole with brass tag marked "RLS 18215";

Thence North  $88^{\circ}48'21''$  East, 292.56 feet to a set 1/2" diameter rebar with plastic cap marked "RLS 18215" and a point of curvature;

Thence, northeasterly and southeasterly, 142.20 feet along the arc of a 1,500.00 foot radius curve, concave to the southwest, having a central angle of  $05^{\circ}25'53''$ , to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence South  $85^{\circ}45'46''$  East, 282.63 feet to a set 1/2" diameter rebar with plastic cap marked "RLS 18215" and a point of curvature;

Thence southeasterly and northeasterly, 313.58 feet along the arc of a 310.00 foot radius curve, concave to the northwest, having a central angle of  $57^{\circ}57'30''$ , to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 36°16'45" East, 332.86 feet to a set 1 1/2" diameter rebar with plastic cap marked "RLS 18215" and a point of curvature;

Thence northeasterly and northwesterly, 128.10 feet along the arc of a 120.00 foot radius curve, concave to the northwest, having a central angle of 36°41'55", to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 00°25'11" West, 378.02 feet to a point on said latitudinal mid-section line of Section 29 and the south line of ANTELOPE HILLS as recorded in Instrument No. 3438078, RCC, from which a 1/2" diameter rebar with cap marked "WITNESS CORNER" lies North 00°25'11" West, 75.00 feet;

Thence North 89°34'49" East, 920.62 feet along said latitudinal mid-section line of said Section 29 and said south line of said ANTELOPE HILLS to a found 1/2" diameter rebar with plastic cap marked "RLS 18215" at the southeast corner of said ANTELOPE HILLS and the southwest corner of that parcel described in Docket 1810, Page 456, RCC;

Thence continuing North 89°34'49" East, 110.50 feet along said latitudinal mid-section line of said Section 29 and the south line of said parcel described in Docket 1810, Page 456, RCC to a found 1/2" diameter rebar with plastic cap marked "RLS 18215" at the southeast corner of said parcel;

Thence continuing North 89°34'49" East, 224.26 feet along said latitudinal mid-section line of said Section 29 and the south line of said parcel to a found 1/2" diameter rebar with plastic cap marked "RLS 18548" at the center quarter corner of said Section 29;

Thence North 89°34'22" East, 985.24 feet along said latitudinal mid-section line of said Section 29, the south line of said parcel, and the south line of that parcel described in Docket 1566, Page 60, RCC, to a found U.S. Government Land Office brass cap on the west line of the Navajo Indian Reservation per Executive Order November 14, 1901;

Thence South 00°21'46" East, 1299.10 feet along said west line to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence continuing South 00°21'46" East, 1342.25 feet along said west line to a found U.S. Government Land Office brass cap marked "MINIR" at the intersection of said west line and the line common to said Sections 29 and 32;

Thence South 89°37'12" West, 985.03 feet along the south line of said Section 29 to a found 1/2" diameter rebar with tag marked "RLS 18215" at the south quarter corner of said Section 29;

Thence South 89°36'50" West, 184.95 feet along said south line of said Section 29 to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";



Thence continuing South 89°36'50" West, 1135.59 feet along said south line of said Section 29 to a found 1/2" diameter rebar with cap marked "RLS 18548";

Thence continuing South 89°38'10" West, 34.93 feet along said south line of said Section 29 to a found 1/2" diameter rebar with cap marked "RLS 18215";

Thence continuing South 89°38'10" West, 967.64 feet along said south line of said Section 29 to a found 1/2" diameter rebar with cap marked "RLS 18215";

Thence continuing South 89°38'10" West, 318.08 feet along said south line of said Section 29 to said set aluminum cap marked "RLS 18215" at said corner common to Sections 29, 30, 31 and 32, Township 21 N01th, Range 11 East, Gila and Salt River Meridian, Coconino County, Arizona;

Thence South 00°14'09" East, 1442.34 feet along the east line of said Section 31 to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence continuing South 00°14' 09" East, 1196.29 feet along said east line of Section 31 to a found U.S. Government Land Office brass cap at the east quarter corner of said Section 31;

Thence South 89°38'03" West, 1455.50 feet along the meridional mid-section line of said Section 31 to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence continuing South 89°38'03" West, 1184.20 feet along said meridional mid-section line of said Section 31 to a found aluminum cap marked "LS 18548" at the center quarter corner of said Section 31;

Thence South 89°37'41" West, 532.09 feet along said meridional mid-section line of said Section 31 to a found 1/2" diameter rebar with plastic cap marked "**RLS** 18215";

Thence continuing South 89°37'41" West, 128.83 feet along said meridional mid-section line of said Section 31 to a found 1/2" diameter rebar with broken aluminum cap;

Thence South 89°41'33" West, 660.12 feet along said meridional mid-section line of said Section 31 to a found 1/2" diameter rebar with broken aluminum cap;

Thence South 89°36'36" West, 661.07 feet along said meridional mid-section line of said Section 31 to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 00°22'23" West, 659.83 feet to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 00°21'46" West, 659.54 feet to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 00°23'06" West, 329.94 feet to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 00°23'06" West, 989.81 feet to a found drill hole in rock with a brass tag marked "RLS 18215" on the north line of said Section 31;

Thence North 89°38'52" East, 1321.10 feet along said north line of Section 31 to a found 1/2" diameter rebar with plastic cap marked "RLS18215";

Thence South 00°23'36" East, 1154.89 feet to a found 1/2" diameter rebar with plastic cap with obliterated markings;

Thence South 89°40'52" West, 132.11 feet to a found 1/2" diameter rebar with aluminum cap marked "LS 28717";

Thence South 89°39'38" West, 528.45 feet to a found 1/2" diameter rebar with cap marked "LS 14184";

Thence South 00°23'27" East, 293.62 feet to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence continuing South 00°23'27" East, 530.82 feet to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 89°39'30" East, 528.41 feet to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 00°23'54" West, 549.91 feet to a found 1/2" diameter rebar with aluminum cap marked "LS 28717";

Thence North 89°38'16" East, 792.64 feet to a found 1/2" diameter rebar with aluminum cap marked "LS 28717";

Thence South 00°24'27" East, 550.19 feet to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 89°37'33" East, 660.15 feet to a set 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 00°21'31" West, 1319.49 feet to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 89°37'18" East, 495.88 feet to a found 1/2" diameter rebar with tag marked "RLS 18215";

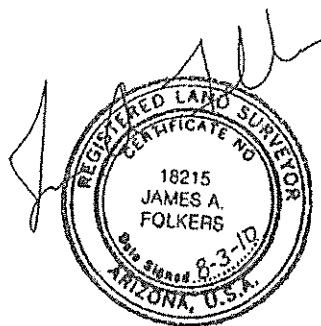
Thence North 00°19'21" West, 659.45 feet to a found 1/2" diameter rebar with plastic cap marked "RLS 18215" on said north line of Section 31;

Thence North 89°39'00" East, 827.35 feet along said north line of Section 31 to a found 1/2" diameter rebar with plastic cap marked "RLS 18215";

Thence North 89°37'28" East, 661.65 feet along said north line of Section 31 to the POINT OF BEGINNING.

CONTAINING 17,668,330 square feet (405.61 acres), more or less.

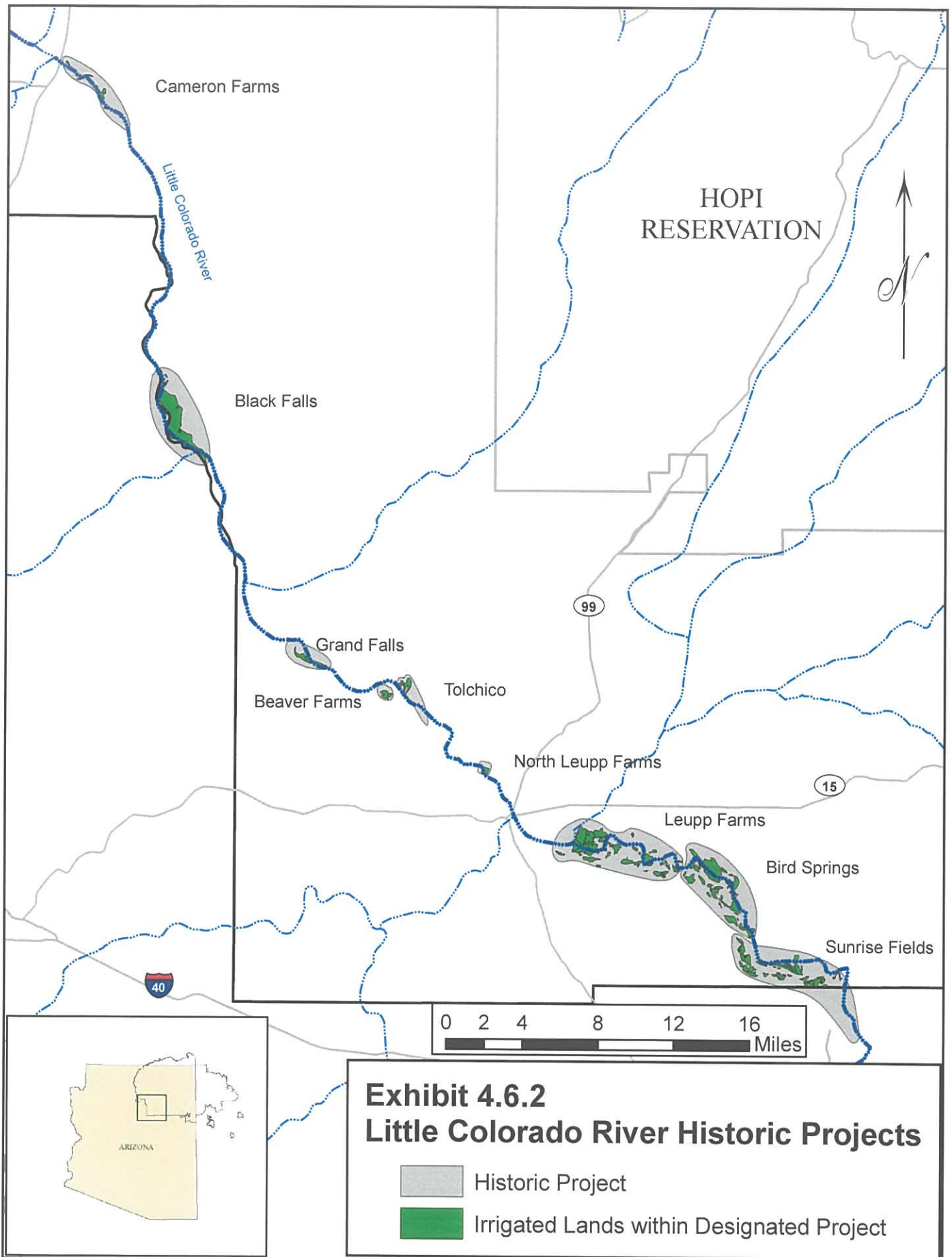
Prepared by:  
James A. Folkers, RLS  
The WLB Group, Inc.  
523 N. Beaver Street  
Flagstaff, AZ 86001  
Job No. 309021A00I



EXPIRES 12-31-2011

**EXHIBIT 4.6.2**

**ATTACHED**



## **EXHIBIT 4.11.1A**

**Map of Navajo Nation land in fee located outside the exterior  
boundaries of the Navajo Reservation within the LCR Watershed**

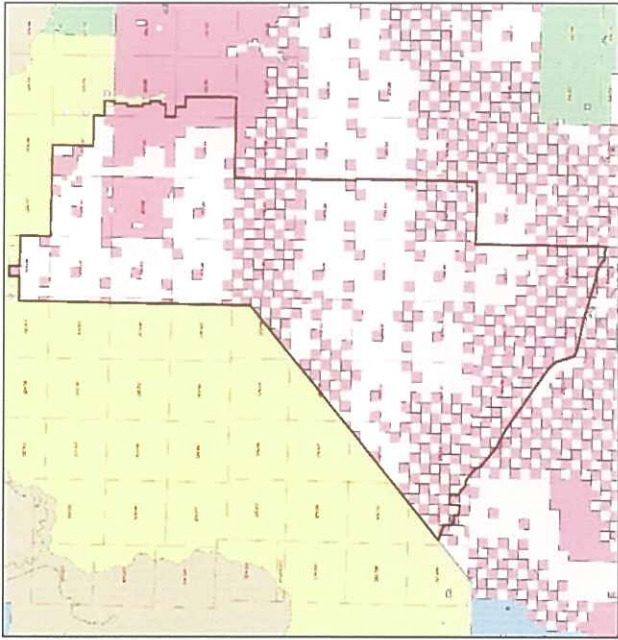
**IN PROCESS OF FINALIZATION**

**EXHIBIT 4.14.1A**

**ATTACHED**

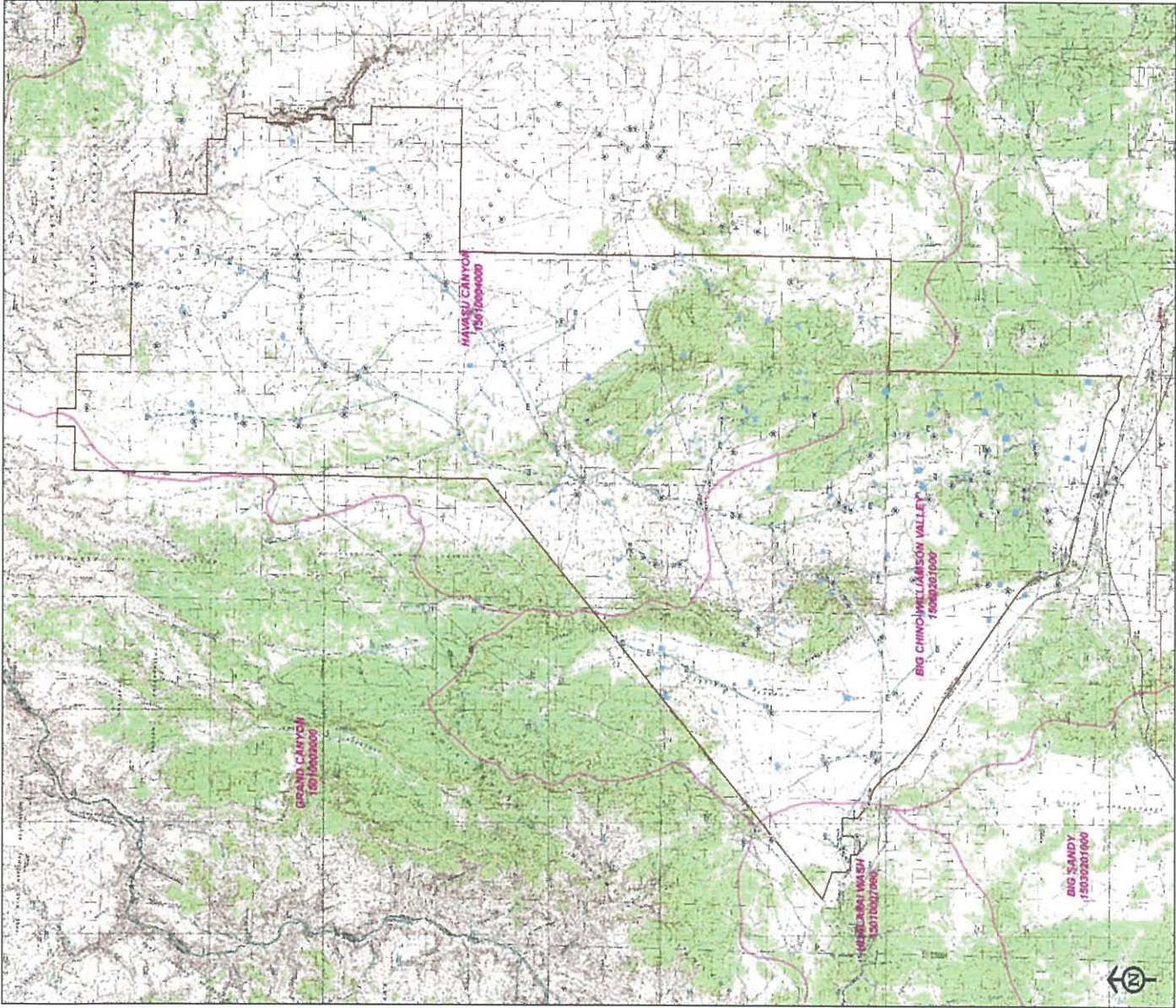


Land Ownership - Township and Range



Location Map

- Legend**
- Blue Water
  - Eastern Shrub
  - Livestock Waters
  - Planch Blue
  - HUC Watersheds
  - BLM
  - Forest
  - Indian Res
  - Local or State Parks
  - Military
  - Hot Ponds
  - Other
  - Private or Navajo
  - State Trust
  - Wildlife



# Big Boquillas Ranch

Off-Reservation Land Within Gila Watershed



NAVAJO NATION

Department of Natural Resources  
 P.O. Box 215, Tsaile, Navajo Nation, AZ 86515  
 Phone: 908.775.4128  
 Fax: 908.775.5127



Exhibit 4.14.1A

July 17, 2013



## **EXHIBIT 4.14.1B**

**Abstract of land within the Gila River watershed for  
Navajo Nation off-reservation surface water**

**IN PROCESS OF FINALIZATION**

## **EXHIBIT 4.14.1C**

**Abstract of land within the Gila River watershed for  
Navajo Nation off-reservation underground water**

**IN PROCESS OF FINALIZATION**

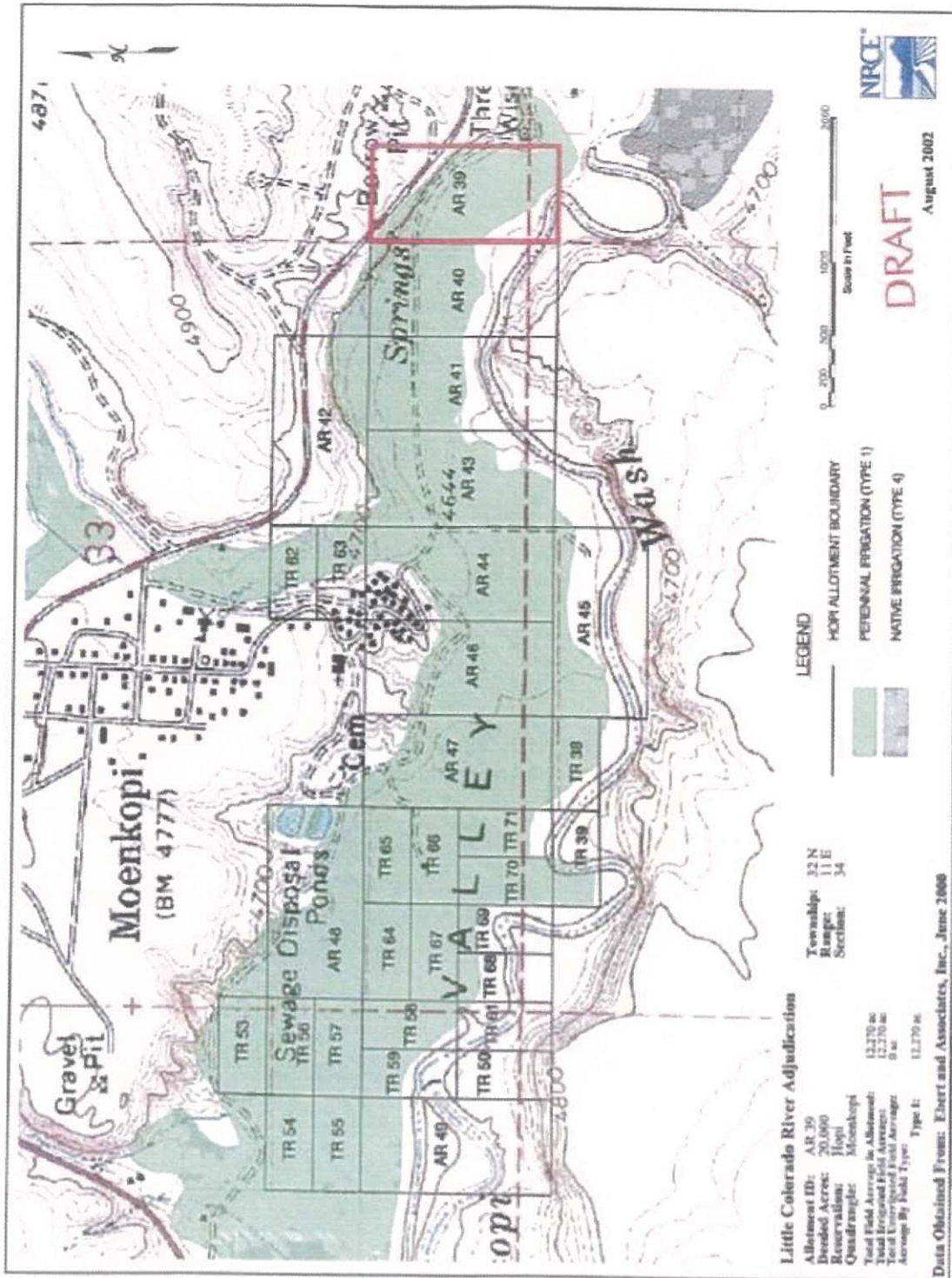
**EXHIBIT 5.9**

**ATTACHED**

**ABSTRACT AND MAPS OF WATER RIGHTS FOR HOPI ALLOTMENTS**  
**Little Colorado River Adjudication**

<b>HOPI ALLOTMENT NUMBER 39</b>		
<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 39
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 39
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees Hopi Tribe
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	17.06 AFA
<b>11.</b>	<b>Places of Use.</b>	NWNW Sec 3 T31N R11E and SWSW Sec 34 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	NWNW Sec 3 T31N R11E and SWSW Sec 34 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater

# Map Showing Places of Use and Points of Diversion for Hopi Allotment 39



**Little Colorado River Adjudication**

Allotment ID:	AR 39
Divided Acres:	20,000
Reservations:	Hopi
Quadrangle:	Moenkopi
Total Field Average in Allotment:	12,270 ac
Total Irrigated Field Acreage:	12,270 ac
Total Unirrigated Field Acreage:	0 ac
Average By Field Type:	Type 1: 12,270 ac

Township: 32 N  
Range: 11 E  
Section: 34

**LEGEND**

- Hopi Allotment Boundary
- Perennial Irrigation (Type 1)
- Native Irrigation (Type 4)



**DRAFT**

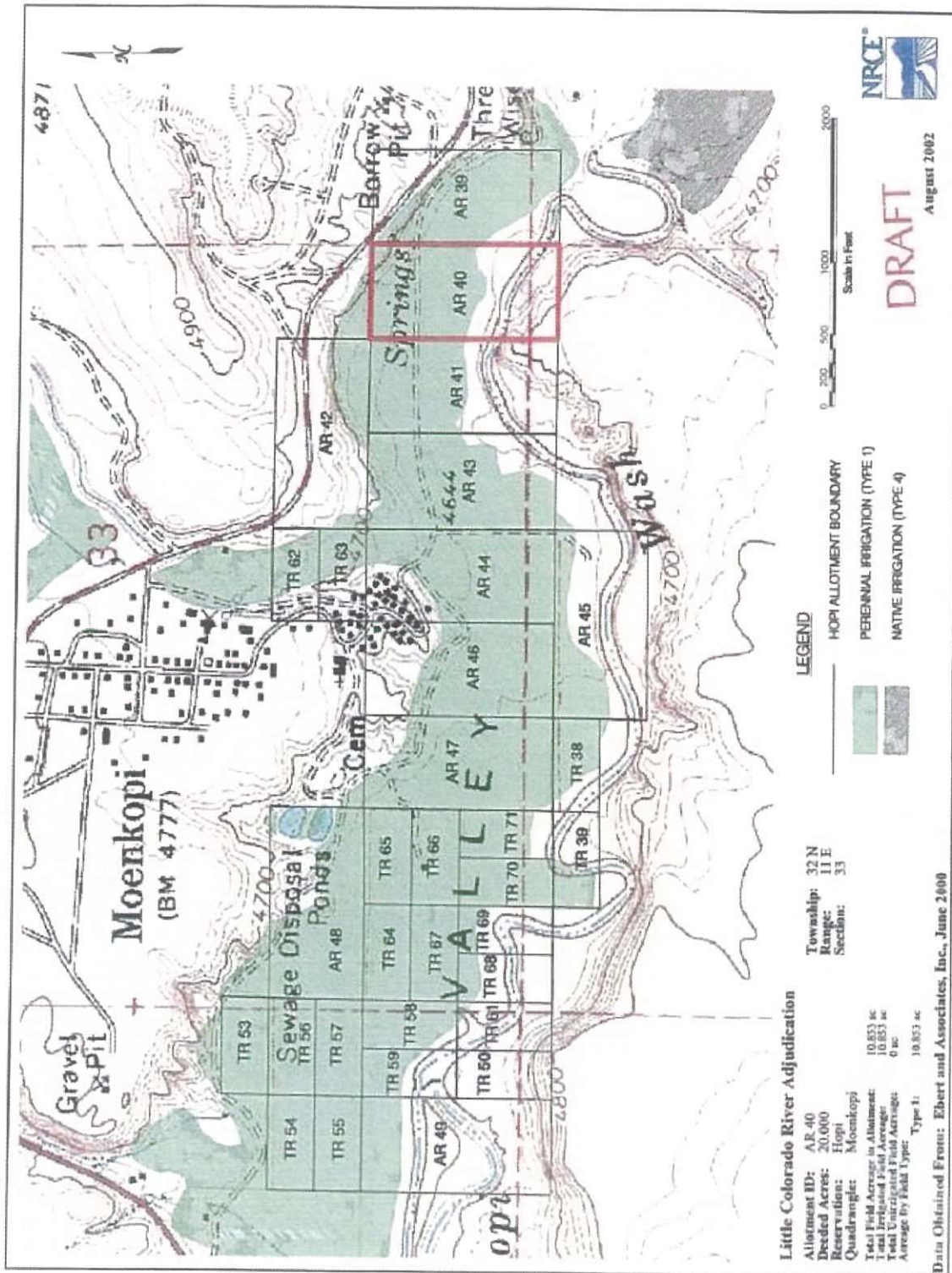
August 2002

Data Obtained From: Ebert and Associates, Inc., June 2000

**HOPI ALLOTMENT NUMBER 40**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 40
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 40
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	15.67 AFA
<b>11.</b>	<b>Places of Use.</b>	SWSW Sec 34 T32N R11E and SESE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	SWSW Sec 34 T32N R11E and SESE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater

# Map Showing Places of Use and Points of Diversion for Hopi Allotment 40



**DRAFT**  
August 2002

**LEGEND**

- HOPI ALLOTMENT BOUNDARY
- PERENNIAL IRRIGATION (TYPE 1)
- NATIVE IRRIGATION (TYPE 4)

Township: 32 N  
Range: 11 E  
Section: 33

**Little Colorado River Adjudication**

Allotment ID:	AR 40
Decided Acres:	20,000
Reservations:	Hopi
Quadrangle:	Moenkopi
Total Field Acreage in Allotment:	10,853 ac
Total Irrigated Field Acreage:	10,853 ac
Total Unirrigated Field Acreage:	0 ac
Average by Field Type:	Type 1: 10,853 ac

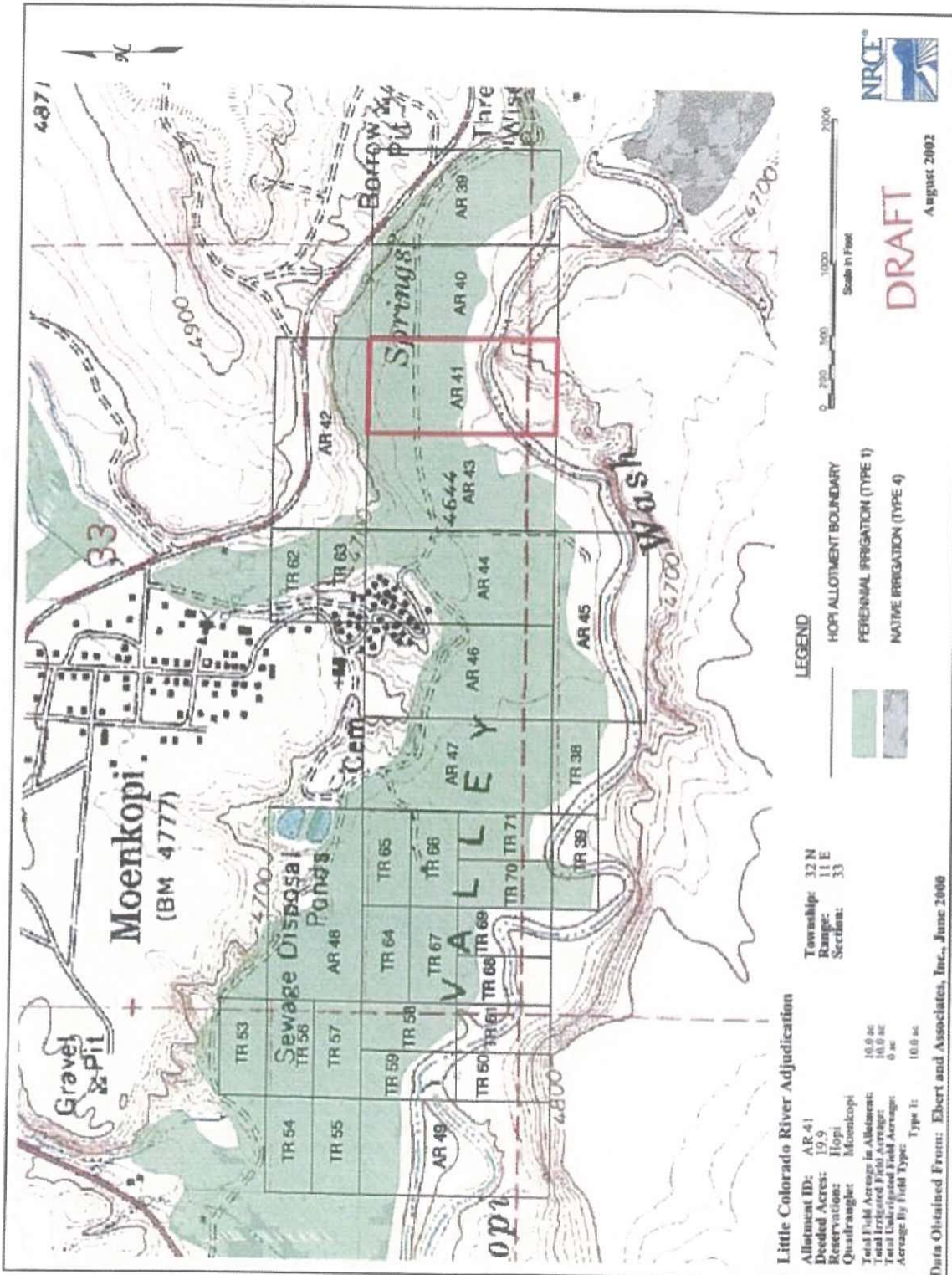
Data Obtained From: Ebert and Associates, Inc., June 2000



**HOPI ALLOTMENT NUMBER 41**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 41
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 41
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	10.02 AFA
<b>11.</b>	<b>Places of Use.</b>	SESE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	SESE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater

# Map Showing Places of Use and Points of Diversion for Hopi Allotment 41



**DRAFT**  
August 2002

**LEGEND**

- HOPI ALLOTMENT BOUNDARY
- PERENNIAL IRRIGATION (TYPE 1)
- NATIVE IRRIGATION (TYPE 4)

Township: 32 N  
Range: 11 E  
Section: 33

**Little Colorado River Adjudication**

Allotment ID: AR 41  
 Divided Acres: 19.9  
 Reservations: Hopi  
 Quadrangle: Moenkopi

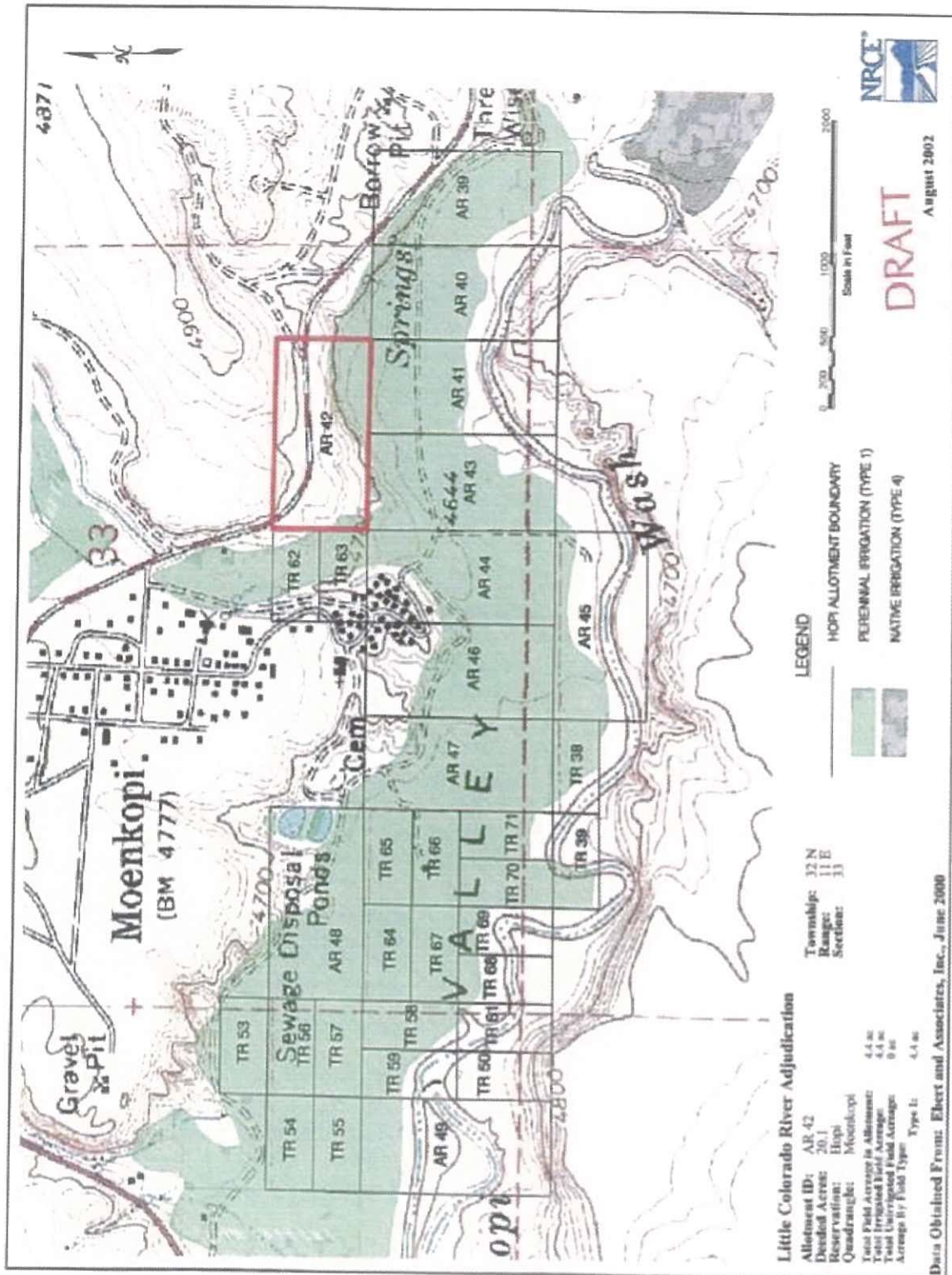
Total Field Acreage in Allotment: 10.0 ac  
 Total Irrigated Field Acreage: 10.0 ac  
 Total Unirrigated Field Acreage: 0 ac  
 Acreage by Field Type: Type 1: 10.0 ac

Data Obtained From: Ebert and Associates, Inc., June 2000

**HOPI ALLOTMENT NUMBER 42**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 42
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 42
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	6 AFA
<b>11.</b>	<b>Places of Use.</b>	SWSE Sec 33 T32N R11E and SESE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	SWSE Sec 33 T32N R11E and SESE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Pasture Canyon Springs, and groundwater

Map Showing Places of Use and Points of Diversion for Hopi Allotment 42

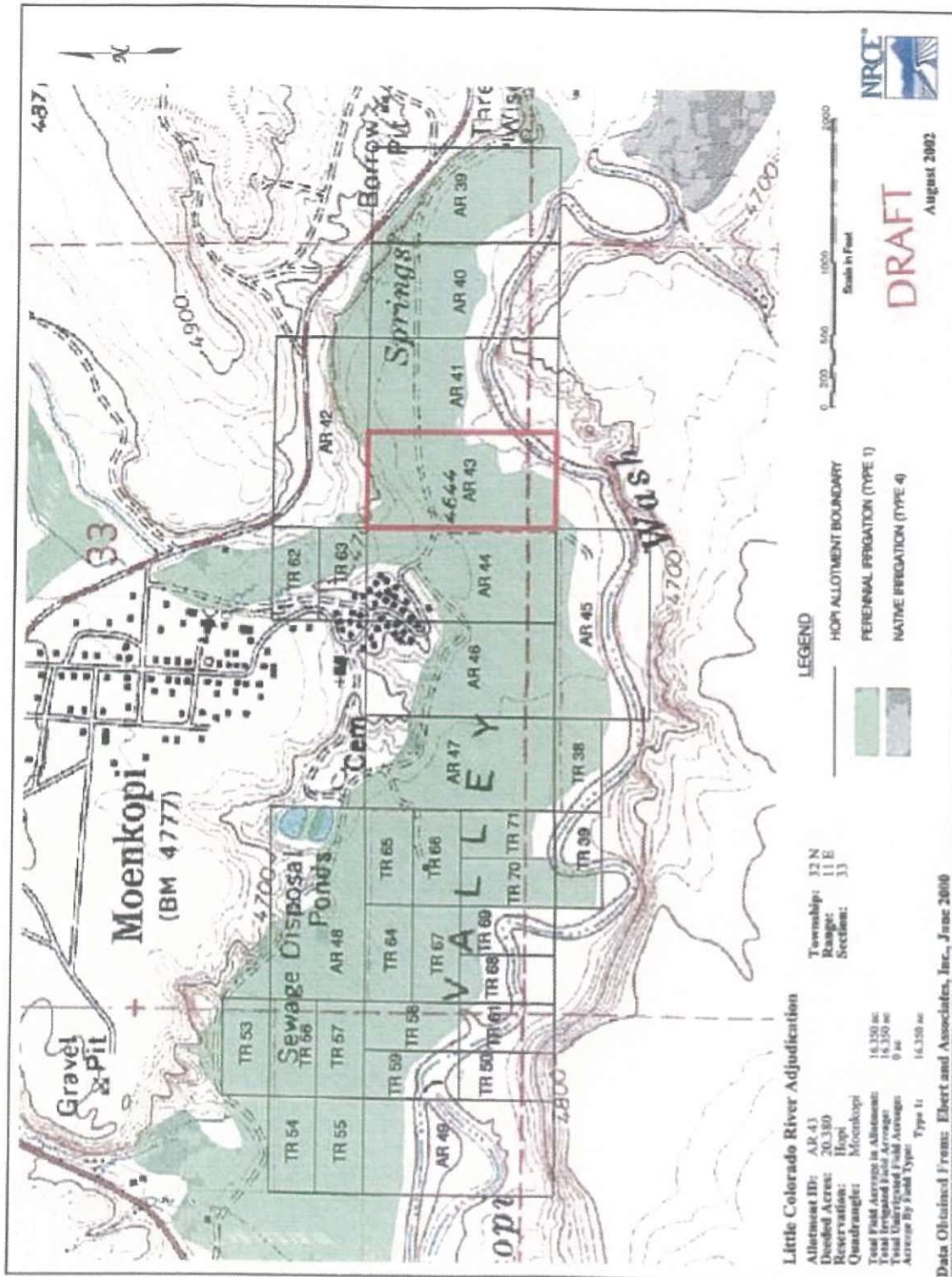


**HOPI ALLOTMENT NUMBER 43**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 43
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 43
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	22.55 AFA
<b>11.</b>	<b>Places of Use.</b>	NWNE Sec 4 T31N R11E; SWSE Sec 33 T32N R11E; SESE Sec 33 T32N R11E; SWSE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	NWNE Sec 4 T31N R11E; SWSE Sec 33 T32N R11E; SESE Sec 33 T32N R11E; SWSE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater



# Map Showing Places of Use and Points of Diversion for Hopi Allotment 43



**HOPI ALLOTMENT NUMBER 44**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 44
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 44
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	21.64 AFA
<b>11.</b>	<b>Places of Use.</b>	NWNE Sec 4 T31N R11E and SWSE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	NWNE Sec 4 T31N R11E and SWSE Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater

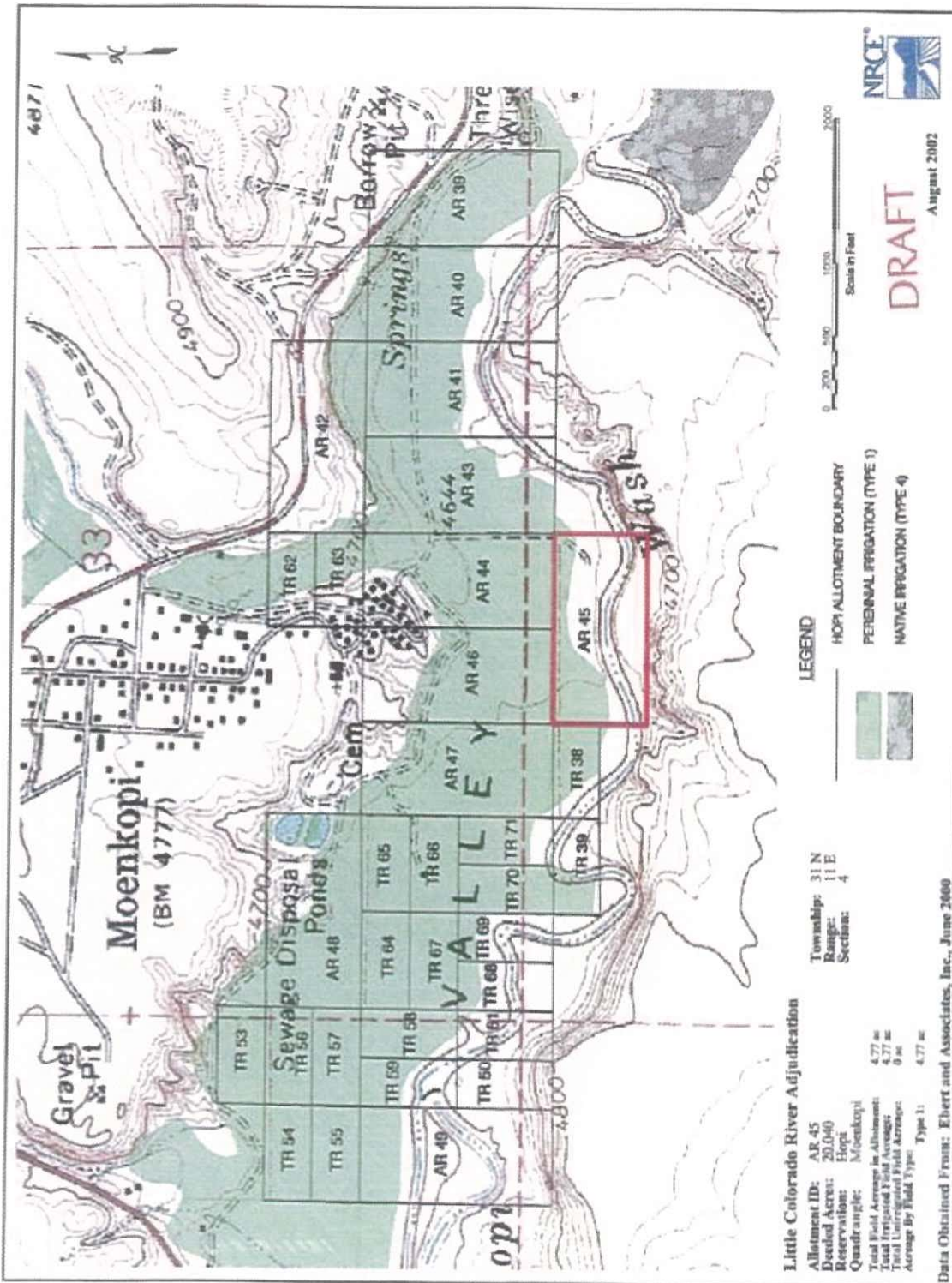




**HOPI ALLOTMENT NUMBER 45**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 45
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 45
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	19.26 AFA
<b>11.</b>	<b>Places of Use.</b>	NWNE Sec 4 T31N R11E and NENW Sec 4 T31N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	NWNE Sec 4 T31N R11E and NENW Sec 4 T31N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater

# Map Showing Places of Use and Points of Diversion for Hopi Allotment 45



Data Obtained From: Ebert and Associates, Inc., June 2000



**DRAFT**

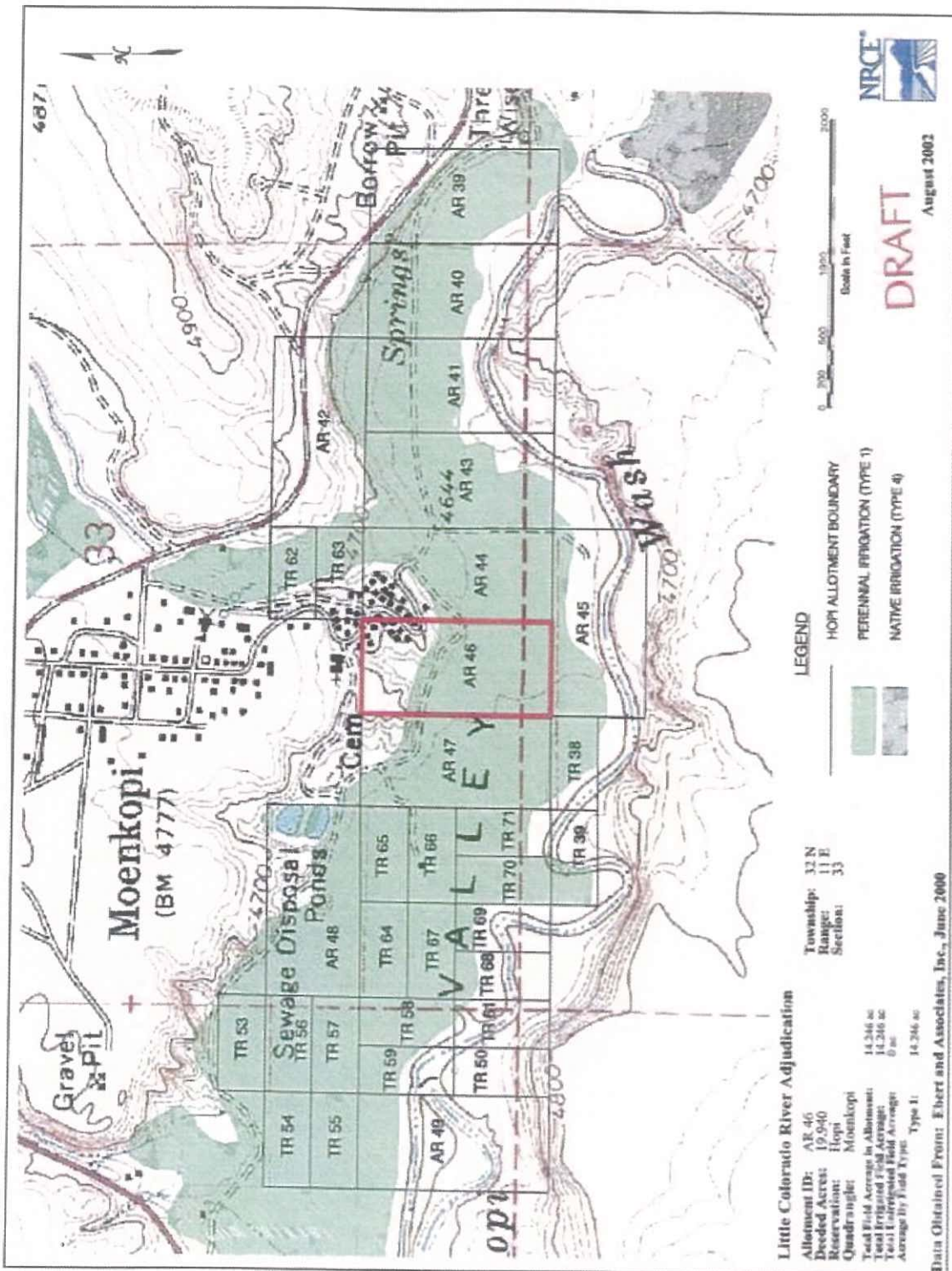
August 2002

**HOPI ALLOTMENT NUMBER 46**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 46
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 46
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	18.66 AFA
<b>11.</b>	<b>Places of Use.</b>	NENW Sec 4 T31N R11E; NWNE Sec 4 T31N R11E; SWSE Sec 33 T32N R11E; SESW Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	NENW Sec 4 T31N R11E; NWNE Sec 4 T31N R11E; SWSE Sec 33 T32N R11E; SESW Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater



Map Showing Places of Use and Points of Diversion for Hopi Allotment 46

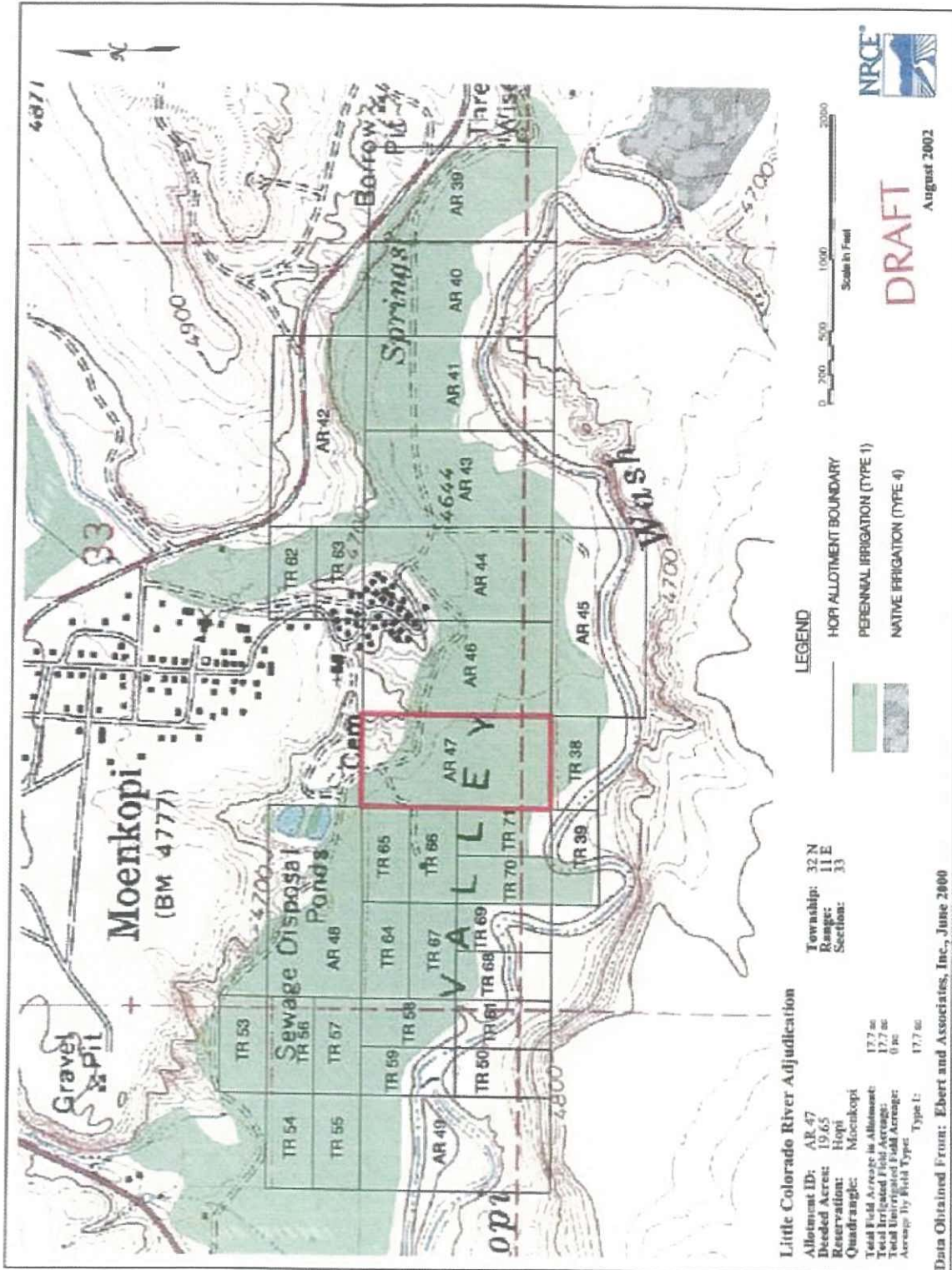


Data Obtained From: Ebert and Associates, Inc., June 2000

**HOPI ALLOTMENT NUMBER 47**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 47
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 47
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	25.24 AFA
<b>11.</b>	<b>Places of Use.</b>	NENW Sec 4 T31N R11E and SESW Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	NENW Sec 4 T31N R11E and SESW Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater

Map Showing Places of Use and Points of Diversion for Hopi Allotment 47

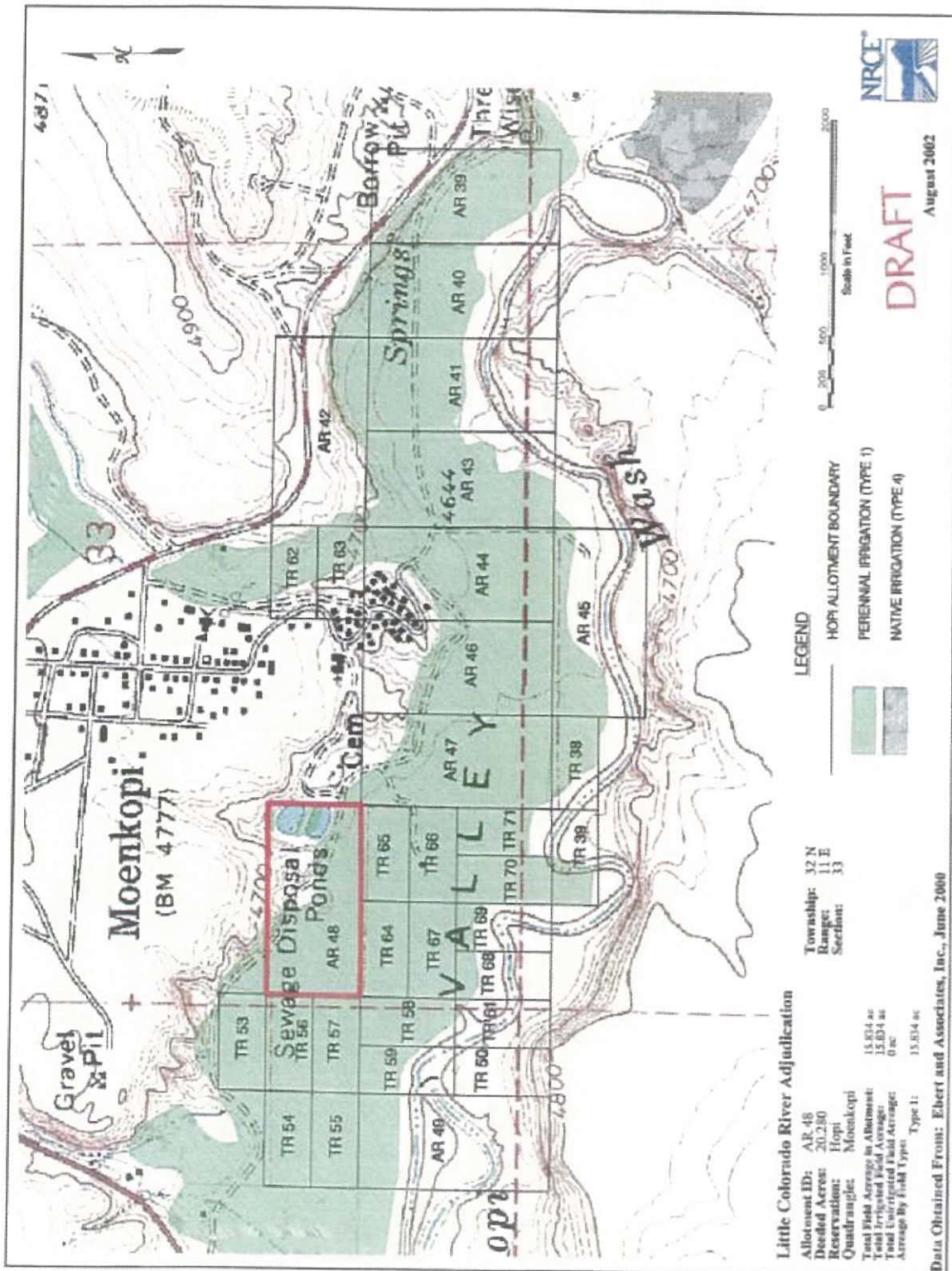


**HOPIALLOTMENT NUMBER 48**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 48
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 48
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	19.83 AFA
<b>11.</b>	<b>Places of Use.</b>	NWSW Sec 33 T32N R11E; SWSW Sec 33 T32N R11E; SESW Sec 33 T32N R11E; NESW Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	NWSW Sec 33 T32N R11E; SWSW Sec 33 T32N R11E; SESW Sec 33 T32N R11E; NESW Sec 33 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater



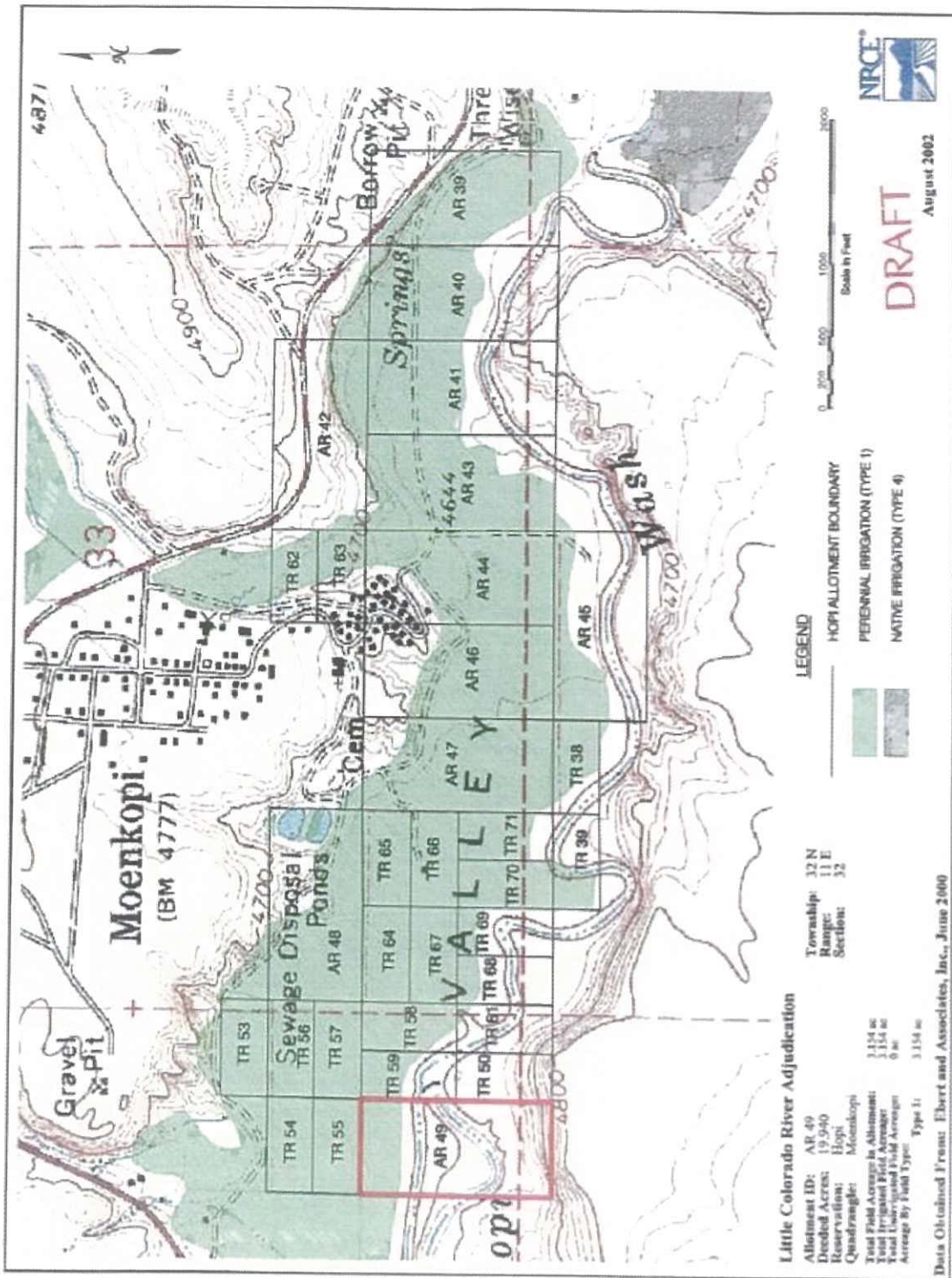
Map Showing Places of Use and Points of Diversion for Hopi Allotment 48



**HOPI ALLOTMENT NUMBER 49**

<b>1.</b>	<b>Name of Facility.</b>	n/a
<b>2.</b>	<b>Owner of Water Right.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 49
<b>3.</b>	<b>Landowner.</b>	United States acting in its capacity as trustee for the Hopi Allottees of Allotment No. 49
<b>4.</b>	<b>Statement of Claimant No.(s).</b>	
<b>5.</b>	<b>Statement of Claimant Name(s).</b>	United States, as trustee for the Hopi Allottees. Hopi Tribe.
<b>6.</b>	<b>Lessee or Permittee.</b>	n/a
<b>7.</b>	<b>Basis of Right.</b>	Federal Reserved Water Right
<b>8.</b>	<b>Beneficial Use.</b>	Irrigated Agriculture and Domestic Uses
<b>9.</b>	<b>Priority Date.</b>	May 31, 1899
<b>10.</b>	<b>Quantity.</b>	6.23 AFA
<b>11.</b>	<b>Places of Use.</b>	SESE Sec 32 T32N R11E on the Hopi Reservation as shown on the attached map.
<b>12.</b>	<b>Points of Diversion.</b>	SESE Sec 32 T32N R11E on the Hopi Reservation as shown on the attached map, and the ditch from Pasture Canyon Reservoir.
<b>13.</b>	<b>Source of Water.</b>	Pasture Canyon Reservoir, Springs, and Moenkopi Wash, and groundwater

Map Showing Places of Use and Points of Diversion for Hopi Allotment 49



**DRAFT**

August 2002

**Little Colorado River Adjudication**

Allotment ID:	AR 49
Decadal Acres:	19,940
Reservations:	Hopi
Quadrangles:	Moenkopi
Total Field Acres in Allotment:	1,114 ac
Total Irrigated Field Acreage:	1,114 ac
Total Unirrigated Field Acreage:	0 ac
Acreage By Field Type:	Type 1: 1,114 ac

**EXHIBIT 5.10.1A**

**Map of 26 Bar Ranch**

**IN PROCESS OF FINALIZATION**

**EXHIBIT 5.10.1AA**

**ATTACHED**

EXHIBIT 5.10.1AA  
Hopi Abstracts for 26 Bar Ranch

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-004-D

Adjudication Filings: By Ranch: 39-03-87466  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 38-025040 (Rejected Status)  
 By USFS:  
 By SLD:

Priority Date: 1952

Type of Use: Stockpond

Feature Name: Cottonwood Tank 1

Water Source: Unnamed wash and spring

Tributary: Canero Creek-Little Colorado River

Annual Use: 280,232 Gallons 0.860 Acre-feet

Capacity: 280,232 Gallons 0.860 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	SESW	16	10N	28E

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-005-D  
 Adjudication Filings: By Ranch: 39-03-87466  
                                     By USFS:  
                                     By SLD:  
 Pre-adjudication Filings: By Ranch: 38-025041 (Rejected Status)  
                                     By USFS:  
                                     By SLD:

Priority Date: 1958  
 Type of Use: Stockpond  
 Feature Name: Cottonwood Tank 2  
 Water Source: Unnamed wash and spring  
 Tributary: Canero Creek-Little Colorado River

Annual Use: 192,252 Gallons 0.590 Acre-feet  
 Capacity: 192,252 Gallons 0.590 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SESW	16	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-007-D  
 Adjudication Filings: By Ranch: 39-03-87467  
                                     By USFS:  
                                     By SLD:  
 Pre-adjudication Filings: By Ranch: 38-025038 (Rejected Status)  
                                     By USFS:  
                                     By SLD:

Priority Date: 1955

Type of Use: Stockpond

Feature Name: Trap Tank

Water Source: Unnamed wash and spring

Tributary: Canero Creek-Little Colorado River

Annual Use: 446,416 Gallons 1.370 Acre-feet

Capacity: 446,416 Gallons 1.370 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWSE	16	10N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NENWNE	21	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-009-D

Adjudication Filings: By Ranch: 39-03-87468  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 38-025039 (Rejected Status)  
 By USFS:  
 By SLD:

Priority Date: 1954

Type of Use: Stockpond

Feature Name: Horse Tank

Water Source: Unnamed wash and spring

Tributary: Canero Creek-Little Colorado River

Annual Use: 827,663 Gallons 2.540 Acre-feet

Capacity: 827,663 Gallons 2.540 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWSWSE	16	10N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNWNE	21	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-010-S

Adjudication Filings: By Ranch: 39-03-89058  
 By USFS:  
 By SLD: 39-03-85543

Pre-adjudication Filings: By Ranch: 36-015350  
 By USFS:  
 By SLD: 36-000751

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Carnero Cr. Tank #4

Water Source: Unnamed wash

Tributary: Canero Creek-Little Colorado River

Annual Use: 1,694,427 Gallons 5.200 Acre-feet

Capacity: 1,694,427 Gallons 5.200 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWSW	34	9N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-011-S  
Adjudication Filings: By Ranch: 39-03-89059  
By USFS:  
By SLD: 39-03-85680

Pre-adjudication Filings: By Ranch:  
By USFS:  
By SLD: 36-000839

Priority Date: Prior to 1884  
Type of Use: Stockpond, Wildlife  
Feature Name: Meek Tank  
Water Source: Unnamed wash  
Tributary: Canero Creek-Little Colorado River

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

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNW	29	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-012-S

Adjudication Filings: By Ranch: 39-03-89060  
 By USFS:  
 By SLD: 39-03-85681

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 36-000840

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Cinder Tank

Water Source: Carnero Creek

Tributary: Canero Creek-Little Colorado River

Annual Use: 2,118,034 Gallons 6.500 Acre-feet

Capacity: 2,118,034 Gallons 6.500 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Into supply ditch from Carnero Creek:	NWNE	4	9N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Pond and dam:	SESW	33	10N	28E

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-013-S

Adjudication Filings: By Ranch: 39-03-89061

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Before 1967

Type of Use: Stockpond

Feature Name: Unnamed natural pond

Water Source: Unnamed draw

Tributary: Canero Creek-Little Colorado River

Annual Use: 977,554 Gallons 3.000 Acre-feet

Capacity: 977,554 Gallons 3.000 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	SWNWSE	10	9N	28E

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

Comments:

Aerial photographs and filing indicate the facility is a natural pond or sink.



**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-014-S

Adjudication Filings: By Ranch: 39-03-89062

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Before 1967

Type of Use: Stockpond

Feature Name: Unnamed natural pond

Water Source: Unnamed draw

Tributary: Canero Creek-Little Colorado River

Annual Use: 814,629 Gallons 2.500 Acre-feet

Capacity: 814,629 Gallons 2.500 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	N2NWSE	10	9N	28E

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

Comments:

Aerial photographs and filing indicate the facility is a natural pond or sink.

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-030-D

Adjudication Filings: By Ranch: 39-03-91911

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD: 55-614138

Priority Date: Prior to 1970

Type of Use: Irrigation

Feature Name: Abstract deleted

Water Source: Springs, ponds and groundwater (N.Fork Well)

Tributary: Canero Creek-Little Colorado River

Annual Use: 29,326,626 Gallons 90.000 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Springs and ponds:	SESW, SWSE	16	10N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Springs and ponds:	NWNE	21	10N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Well(Supplemental supply):	NWSWNE	21	10N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWSE, SESW	16	10N	28E

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-031-D

Adjudication Filings: By Ranch: 39-03-91913

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 1970

Type of Use: Stockwater, Recreation/Fish/Wildlife

Feature Name: John Wayne Fishing Pond

Water Source: Unnamed spring

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 977,554 Gallons 3.000 Acre-feet

Capacity: 977,554 Gallons 3.000 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	SENE	12	8N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-032-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85532

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 36-000741

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Lost Tank

Water Source: Unnamed draw

Tributary: Canero Creek-Little Colorado River

Annual Use: 309,559 Gallons 0.950 Acre-feet

Capacity: 309,559 Gallons 0.950 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	NENW	12	9N	28E

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

Comments:

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-033-S

Adjudication Filings: By Ranch:

By USFS:

By SLD: 39-03-85668

Pre-adjudication Filings: By Ranch: 38-025026 (Rejected Status)

By USFS:

By SLD: 36-000831

Priority Date: Dec. 30, 1853

Type of Use: Stockpond, Wildlife

Feature Name: Big Tank

Water Source: Unnamed wash

Tributary: Canero Creek-Little Colorado River

Annual Use: 3,388,855 Gallons 10.400 Acre-feet

Capacity: 3,388,855 Gallons 10.400 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SENW, SWNE	16	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-034-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85670

Pre-adjudication Filings: By Ranch: 38-025033 (Rejected Status)  
 By USFS:  
 By SLD: 36-000833

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Corner Tank

Water Source: Unnamed draw

Tributary: Canero Creek-Little Colorado River

Annual Use: 1,205,650 Gallons 3.700 Acre-feet

Capacity: 1,205,650 Gallons 3.700 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Dike across draw:	NWNE	17	10N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Pond:	NENE	17	10N	28E

Comments:

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-035-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85672

Pre-adjudication Filings: By Ranch: 38-025036 (Rejected Status)  
 By USFS:  
 By SLD: 36-000834, 55-614138

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Well Tank

Water Source: Unnamed draw and groundwater (N. Fork Well)

Tributary: Canero Creek-Little Colorado River

Annual Use: 162,926 Gallons 0.500 Acre-feet

Capacity: 162,926 Gallons 0.500 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWSWNE	21	10N	28E

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

Comments:

Supplemental irrigation use is covered by abstract 26-030-D.



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-036-S

Adjudication Filings: By Ranch:

By USFS:

By SLD: 39-03-85673

Pre-adjudication Filings: By Ranch: 38-025035 (Rejected Status)

By USFS:

By SLD: 36-000835

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Pumphouse Tank

Water Source: Unnamed draw

Tributary: Canero Creek-Little Colorado River

Annual Use: 1,238,235 Gallons 3.800 Acre-feet

Capacity: 1,238,235 Gallons 3.800 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SENE	21	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-037-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85675

Pre-adjudication Filings: By Ranch: 38-025037 (Rejected Status)  
 By USFS:  
 By SLD: 36-000836

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Cinder Tank

Water Source: Unnamed draw

Tributary: Canero Creek-Little Colorado River

Annual Use: 553,947 Gallons 1.700 Acre-feet

Capacity: 553,947 Gallons 1.700 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWSW	22	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-038-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85676

Pre-adjudication Filings: By Ranch: 38-025034 (Rejected Status)  
 By USFS:  
 By SLD: 36-000837

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: East Side Tank

Water Source: Unnamed draw

Tributary: Canero Creek-Little Colorado River

Annual Use: 358,437 Gallons 1.100 Acre-feet

Capacity: 358,437 Gallons 1.100 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NENE	23	10N	28E

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

Comments:

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-039-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85678

Pre-adjudication Filings: By Ranch: 38-025042 (Rejected Status)  
 By USFS:  
 By SLD: 36-000838

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Long Tank

Water Source: Carnero Creek

Tributary: Canero Creek-Little Colorado River

Annual Use: 944,969 Gallons 2.900 Acre-feet

Capacity: 944,969 Gallons 2.900 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NENW,NWNE	26	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-042-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85709

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 36-000862 (See comments)

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Ten prime Tank

Water Source: Unnamed wash

Tributary: Canero Creek-Little Colorado River

Annual Use: 61,912 Gallons 0.190 Acre-feet

Capacity: 32,585 Gallons 0.100 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	NWNW	30	10N	29E

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

Comments:

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-043-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85710

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 36-000863 (see comments)

Priority Date: Prior to 1884

Type of Use: Stockpond, Wildlife

Feature Name: Tank #10

Water Source: Unnamed wash

Tributary: Canero Creek-Little Colorado River

Annual Use: 65,170 Gallons 0.200 Acre-feet

Capacity: 65,170 Gallons 0.200 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNW	30	10N	29E

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

Comments:

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-139-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1991

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: Unnamed wash

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 107,647 Gallons 0.330 Acre-feet

Capacity: 9,776 Gallons 0.030 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNW	24	7N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-140-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1992

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: Local runoff

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: Gallons Acre-feet

Capacity: 19,551 Gallons 0.060 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SENE	24	7N	28E

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

Comments:

Tank is dugout facility within high water level of Russell Reservoir



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-141-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1991

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 214,807 Gallons 0.659 Acre-feet

Capacity: 456,192 Gallons 1.400 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWNE	20	7N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-143-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1992

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: Unnamed draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 4,441,884 Gallons 13.632 Acre-feet

Capacity: 195,511 Gallons 0.600 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	NWSE	29	7N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-144-U

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1969

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: Unnamed draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 2,778 Gallons 0.009 Acre-feet

Capacity: 29,327 Gallons 0.090 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	SESW	10	7N	28E

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

Comments:

Near Beta Tank.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-145-U

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1992

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: Unnamed draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 65,170 Gallons 0.200 Acre-feet

Capacity: 65,170 Gallons 0.200 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NESW	9	7N	28E

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

Comments:

Unverified location

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-146-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1991

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: Unnamed draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 2,080 Gallons 0.006 Acre-feet

Capacity: 9,776 Gallons 0.030 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NESE	16	7N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-147-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1991

Type of Use: Stockpond, Wildlife

Feature Name: Unnamed tank

Water Source: Unnamed wash

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 5,713 Gallons 0.018 Acre-feet

Capacity: 32,585 Gallons 0.100 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNW	31	7N	28E

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

Comments:

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

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Water Right #: 26-148-U

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: 1908

Type of Use: Stockwater, Wildlife

Feature Name: Mexican Hay lake stockwater

Water Source: Unnamed wash

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 19,551 Gallons 0.060 Acre-feet

Capacity: 19,551 Gallons 0.060 Acre-feet

Point of Diversion:

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Dam:		NW	2	7N	28E

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

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Reservoir:		SWNW	1	7N	28E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		N2, N2S2	2	7N	28E

Comments:

Used nearby impoundment 26-093-U for storage

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-149-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 1908

Type of Use: Stockwater, Wildlife

Feature Name: Hog Wallow Lake stockwater

Water Source: Unnamed draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 87,980 Gallons 0.270 Acre-feet

Capacity: 87,979 Gallons 0.270 Acre-feet

Point of Diversion:

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Dam:	SESE		19	7N	28E

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

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Reservoir:	S2SE, SESW		19	7N	28E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		N2NE	30	7N	28E

Comments:

Used nearby impoundment 26-076-U for storage



**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-150-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 5-May-41

Type of Use: Stockwater, Wildlife

Feature Name: Slade reservoir stockwater

Water Source: Unnamed washes

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 68,429 Gallons 0.210 Acre-feet

Capacity: 68,428 Gallons 0.210 Acre-feet

Point of Diversion:

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Dam:		NESE	13	7N	28E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		NWSW	18	7N	29E

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

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Reservoir:		SE	13	7N	28E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		N2NE	24	7N	28E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		W2SW	18	7N	29E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		NWNW	19	7N	29E

Comments:

Used nearby impoundment 26-066-U for storage

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-151-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 1893

Type of Use: Stockwater, Wildlife

Feature Name: Water canyon reservoir stockwater

Water Source: Water Canyon

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 39,102 Gallons 0.120 Acre-feet

Capacity: 39,102 Gallons 0.120 Acre-feet

Point of Diversion:

	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Dam:	SENE	13	7N	28E

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

	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Reservoir:	SENE	13	7N	28E
	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWNW, NWSW	18	7N	29E

Comments:

Used nearby impoundment 26-089-U for storage

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-152-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 1886

Type of Use: Stockwater, Wildlife

Feature Name: Atcheson reservoir stockwater

Water Source: Unnamed wash & draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 29,327 Gallons 0.090 Acre-feet

Capacity: 29,326 Gallons 0.090 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Unnamed wash into feeder canal :	NWNW	24	7N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Dam on unnamed draw:	SWSE, SESW	13	7N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Reservoir:	SW, W2SE	13	7N	28E

Comments:

Used nearby impoundment 26-084-U for storage

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-153-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 1895

Type of Use: Stockwater, Wildlife

Feature Name: Rudd reservoir stockwater

Water Source: Unnamed wash

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 9,776 Gallons 0.030 Acre-feet

Capacity: 9,775 Gallons 0.030 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Lake:	SE, SENE	23	7N	28E

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

Comments:

Used nearby impoundment 26-139-U for storage

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-154-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 1912

Type of Use: Stockwater, Wildlife

Feature Name: Little George reservoir stockwater

Water Source: Unnamed draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 143,375 Gallons 0.440 Acre-feet

Capacity: 143,374 Gallons 0.440 Acre-feet

Point of Diversion:

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Dam:		SESE	7	7N	29E

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

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Reservoir:		S2SE	7	7N	29E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		N2NE	18	7N	29E

Comments:

Used nearby impoundment 26-085-U for storage

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-155-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1958

Type of Use: Stockwater, Wildlife

Feature Name: Russell reservoir stockwater

Water Source: Unnamed draw

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 19,551 Gallons 0.060 Acre-feet

Capacity: 19,551 Gallons 0.060 Acre-feet

Point of Diversion:

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Lake:		W2NW	19	7N	29E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
		E2NE	24	7N	28E

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

Comments:

Used nearby impoundment 26-140-U for storage

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-156-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1997

Type of Use: Stockwater

Feature Name: Trick Tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 28,672 Gallons 0.088 Acre-feet

Capacity: 28,672 Gallons 0.088 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SENE	22	8N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-158-U

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1997

Type of Use: Stockwater

Feature Name: Bigelow Spring Tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 80,744 Gallons 0.248 Acre-feet

Capacity: 80,744 Gallons 0.248 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	SWSE	23	8N	28E

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-160-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1997

Type of Use: Stockwater

Feature Name: Upper Trick Tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 39,416 Gallons 0.121 Acre-feet

Capacity: 39,416 Gallons 0.121 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NENE	19	8N	29E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-161-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1997

Type of Use: Stockwater

Feature Name: Fat Tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 5,304 Gallons 0.016 Acre-feet

Capacity: 5,304 Gallons 0.016 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	NESE	19	8N	29E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-162-U

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1997

Type of Use: Stockwater

Feature Name: Lower Trick Tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 61,664 Gallons 0.189 Acre-feet

Capacity: 61,664 Gallons 0.189 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	SWNE	30	8N	29E

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

Comments:

**WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS**

---

Water Right #: 26-163-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1969

Type of Use: Stockwater

Feature Name: Dewitt Tank #2

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 348,891 Gallons 1.071 Acre-feet

Capacity: 348,891 Gallons 1.071 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NESW	9	7N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-164-U

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1969

Type of Use: Stockwater

Feature Name: Side Hill Tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 17,478 Gallons 0.054 Acre-feet

Capacity: 17,478 Gallons 0.054 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	SENW	16	7N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: 26-165-U

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1991

Type of Use: Stockwater

Feature Name: Unnamed water tank

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 658 Gallons 0.002 Acre-feet

Capacity: 658 Gallons 0.002 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	NESW	23	7N	28E

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

Comments:

**WATER RIGHT ABSTRACT FOR IRRIGATION ON HOPI RANCH LANDS**

---

Water Right #: 26-026-D

Adjudication Filings: By Ranch: 39-03-89289, 39-03-89071, 39-03-89074, & 39-03-89075  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: Norviel Decree  
 By USFS:  
 By SLD:

Priority Date: Various dates from 1872-1881

Type of Use: Irrigation, Stockwater

Feature Name: Irrigation/stock use from LCR

Water Source: Little Colorado River

Annual Use: 54,091,332 Gallons 166.000 Acre-feet

Storage Right: Gallons Acre-feet

Irrigated Acres: 110.5

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Milligan Ditch (serving Milligan Field and extension):	NESW	7	8N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Rim Ditch (serving Rim Field):	SENE	12	8N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Springerville/26 Bar D.(serving 69 tract):	NWSE	5	8N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Unnamed ditch(serving 69 tract):	NENE	7	8N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Unnamed ditch(subirr. in 69 tract):	SENE	5	8N	29E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Milligan Field and extension:	SENW, W2NE	7	8N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Rim Field:	NW, W2NE	7	8N	29E

**WATER RIGHT ABSTRACT FOR IRRIGATION ON HOPI RANCH LANDS**

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
69 Tract:	W2NW	4	8N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
69 Tract:	E2NE	5	8N	29E

Comments: This abstract covers private 26 Bar Ranch irrigation and related stock use from the Little Colorado River, and excludes uses of water provided by the Pioneer Irrigation Co., Inc. (formerly the Round Valley Water Users Association). Information obtained from Apache County Superior Court shows 26 Bar Ranch is allowed 110.5 acres private irrigation with priority dates 1872-1881 under the Norviel Decree. Aerial photograph analysis shows present/historical irrigation approximating the 110.5 acres. Annual use is based on the Norviel Decree water duty of 1.5 ac-ft per ac for 110.5 acres. Conveyance loss of 2% per mile per the Norviel Decree is also claimed in addition to the above amount, or other conveyance loss amount as determined by the Norviel Decree court.



**WATER RIGHT ABSTRACT FOR IRRIGATION ON HOPI RANCH LANDS**

Water Right #: 26-027-D

Adjudication Filings: By Ranch: 39-03-89112  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Irrigation Co.: Norviel Decree  
 By USFS:  
 By SLD:

Priority Date: Various dates from 1872-1891

Type of Use: Irrigation, Stockwater

Feature Name: Pioneer Irrigation Co. Irrigation/stock use

Water Source: Little Colorado River

Annual Use: 41,546,054 Gallons 127.500 Acre-feet

Storage Right: 60,321,611 Gallons 185.120 Acre-feet

Irrigated Acres: 85

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Amity Ditch (serving Lower Barn and Calving Pasture):	SWNE	12	8N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Big Ditch (serving Upper and Middle Barn Areas):	NWSE	16	8N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Upper/Middle/Lower Barn Areas:	N2SW,SWSW,SWNW	7	8N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Upper/Middle/Lower Barn Areas:	NWNW	18	8N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Calving Pasture:	NESE	7	8N	29E

Comments: This abstract covers irrigation and related stock water use from the Pioneer Irrigation Co., Inc. (Pioneer) (formerly the Round Valley Water Users Association) on the 26 Bar Ranch. The 26 Bar holds 3,025 shares in Pioneer. The storage volume and irrigated acreage are based on the total irrigated acres and storage amounts allowed for Pioneer (based on information received from Apache County Superior Court) times the ratio of 26 Bar Ranch shares to total Pioneer shares. Annual use is based on the Norviel Decree water duty of 1.5 ac-ft per ac for 85 acres. Relative proportion of conveyance loss of 2% per mile per the Norviel Decree is also claimed in addition to the above amount, or other conveyance loss amount as determined by the Norviel Decree court.

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

---

Water Right #: 26-041-S

Adjudication Filings: By Ranch:

By USFS:

By SLD: 39-03-85707

Pre-adjudication Filings: By Ranch: 36-025019

By USFS:

By SLD: 36-000861

Priority Date: 1880

Type of Use: Stockwater, Wildlife

Feature Name: Instream use, LCR

Water Source: Little Colorado River

Annual Use: 58,653 Gallons 0.180 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNW	30	10N	29E

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

Comments:

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

---

Water Right #: 26-044-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85712

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 36-000213

Priority Date: Prior to 1884

Type of Use: Stockwater, Wildlife

Feature Name: Instream use, LCR

Water Source: Little Colorado River

Annual Use: 149,892 Gallons 0.460 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NESW	30	10N	29E

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

Comments:

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

---

Water Right #: 26-045-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85714

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 36-000132

Priority Date: Prior to 1884

Type of Use: Stockwater, Wildlife

Feature Name: Instream use, LCR

Water Source: Little Colorado River

Annual Use: 456,192 Gallons 1.400 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNE	31	10N	29E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNE, SWNE, SENE	31	10N	29E

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

Comments:

WATER RIGHT ABSTRACT FOR SPRING ON HOPI RANCH LANDS

---

Water Right #: 26-003-D  
 Adjudication Filings: By Ranch: 39-03-87466  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 36-025025  
 By USFS:  
 By SLD:

Priority Date: Approx. 1890

Type of Use: Stockwater

Feature Name: Cottonwood Spring

Water Source: Cottonwood Spring

Tributary: Canero Creek-Little Colorado River

Annual Use: 81,463 Gallons 0.250 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SESW	16	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR SPRING ON HOPI RANCH LANDS

---

Water Right #: 26-006-D

Adjudication Filings: By Ranch: 39-03-87467

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch: 36-025022

By USFS:

By SLD:

Priority Date: 1890

Type of Use: Stockwater

Feature Name: Trap Spring

Water Source: Trap Spring

Tributary: Canero Creek-Little Colorado River

Annual Use: 97,755 Gallons 0.300 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWSE	16	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR SPRING ON HOPI RANCH LANDS

---

Water Right #: 26-008-D

Adjudication Filings: By Ranch: 39-03-87468

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch: 36-025021

By USFS:

By SLD:

Priority Date: 1890

Type of Use: Stockwater

Feature Name: Horse Spring

Water Source: Horse Spring

Tributary: Canero Creek-Little Colorado River

Annual Use: 97,755 Gallons 0.300 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNE	21	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR SPRING ON HOPI RANCH LANDS

---

Water Right #: 26-157-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1969

Type of Use: Livestock

Feature Name: Coop Spring

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 30,304 Gallons 0.093 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SENE	27	8N	28E

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

Comments:



WATER RIGHT ABSTRACT FOR SPRING ON HOPI RANCH LANDS

---

Water Right #: 26-159-U

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1997

Type of Use: Livestock

Feature Name: Wad Spring

Water Source: South Fork Little Colorado River

Tributary: South Fork Little Colorado River-Little Colorado River

Annual Use: 30,304 Gallons 0.093 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNW	25	8N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-001-D

Adjudication Filings: By Ranch: 39-03-87460  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 55-646494  
 By USFS:  
 By SLD:

Priority Date: About 1961

Type of Use: Stockwater

Feature Name: N.Fork Well

Water Source: Groundwater (N. Fork Well)

Max. Flow Rate (GPM):

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NENE	21	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-002-DS

Adjudication Filings: By Ranch: 39-03-87465

By USFS:

By SLD: 39-03-85674

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD: 55-614137

Priority Date: Jan. 19, 1916

Type of Use: Domestic, Stockwater, Wildlife

Feature Name: N.Fork HQ Well

Water Source: Groundwater (N. Fork HQ Well)

Max. Flow Rate (GPM):

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NESWNE	21	10N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWNE, N2NE	21	10N	28E

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-015-S

Adjudication Filings: By Ranch: 39-03-89063  
 By USFS:  
 By SLD: 39-03-85539

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 55-614098

Priority Date: Feb. 24, 1917

Type of Use: Stockwater, Wildlife

Feature Name: Rocky well

Water Source: Groundwater (Rocky Well)

Max. Flow Rate (GPM): 20

Annual Use: 677,771 Gallons 2.080 Acre-feet

Storage Right: 30,000 Gallons 0.092 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SENE	23	9N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SENE	23	9N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWNW	24	9N	28E

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-016-S

Adjudication Filings: By Ranch: 39-03-89064

By USFS:

By SLD: 39-03-85544

Pre-adjudication Filings: By Ranch: 55-644834

By USFS:

By SLD: 55-614099

Priority Date: Dec. 30, 1853

Type of Use: Stockwater, Wildlife

Feature Name: South Udahl Well

Water Source: Groundwater (South Udahl Well)

Max. Flow Rate (GPM): 10

Annual Use: 1,016,656 Gallons 3.120 Acre-feet

Storage Right: 45,000 Gallons 0.138 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SESE	36	9N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-017-S  
 Adjudication Filings: By Ranch: 39-03-89065  
                                   By USFS:  
                                   By SLD: 39-03-85530

Pre-adjudication Filings: By Ranch:  
                                   By USFS:  
                                   By SLD: 55-614097

Priority Date: Feb. 24, 1917  
 Type of Use: Stockwater, Wildlife

Feature Name:  
 Water Source: Groundwater (Hamblin Well)

Max. Flow Rate (GPM): 10  
 Annual Use: 677,771 Gallons 2.080 Acre-feet  
 Storage Right: 60,000 Gallons 0.184 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
SENW		3	9N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-018-S

Adjudication Filings: By Ranch: 39-03-89066  
 By USFS:  
 By SLD: 39-03-85671

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 55-614136

Priority Date: Sep.27, 1916

Type of Use: Stockwater, Wildlife

Feature Name: Udahl Well

Water Source: Groundwater (Udahl Well)

Max. Flow Rate (GPM): 2.5

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: 30,000 Gallons 0.092 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWSE	18	10N	28E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWSE	18	10N	28E
<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
Water also piped to:	NWNW	29	10N	28E

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-019-S

Adjudication Filings: By Ranch: 39-03-89067  
 By USFS:  
 By SLD: 39-03-85715

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 55-614144

Priority Date: Jan.7, 1924

Type of Use: Stockwater, Wildlife

Feature Name: River Well

Water Source: Groundwater (River Well)

Max. Flow Rate (GPM):

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: 25,000 Gallons 0.077 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWSW	31	10N	29E

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

Comments:



WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-020-D

Adjudication Filings: By Ranch: 39-03-89068  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 55-625567  
 By USFS:  
 By SLD:

Priority Date: 6/12/1982

Type of Use: Stockwater

Feature Name: Cinder Well

Water Source: Groundwater (Cinder Well)

Max. Flow Rate (GPM): 30

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: 50,000 Gallons 0.153 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWSE	27	9N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-021-S

Adjudication Filings: By Ranch: 39-03-89069  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 55-625565  
 By USFS:  
 By SLD:

Priority Date: 6/12/1982

Type of Use: Stockwater

Feature Name: Coulter Well

Water Source: Groundwater (Coulter Well)

Max. Flow Rate (GPM): 30

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: 30,000 Gallons 0.092 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
NESWNE		2	9N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-022-D

Adjudication Filings: By Ranch: 39-03-89070  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 55-625566  
 By USFS:  
 By SLD:

Priority Date: 6/12/1982

Type of Use: Stockwater

Feature Name: Whiting Well

Water Source: Groundwater (Whiting Well)

Max. Flow Rate (GPM): 30

Annual Use: 677,771 Gallons 2.080 Acre-feet

Storage Right: 50,000 Gallons 0.153 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
	NWNW	14	9N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-023-D

Adjudication Filings: By Ranch: 39-03-89072

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch: 55-625564

By USFS:

By SLD:

Priority Date: Prior to 1962

Type of Use: Domestic, Stockwater

Feature Name: 26 Bar HG Well

Water Source: Groundwater (26 Bar HG Well)

Max. Flow Rate (GPM): 35

Annual Use: 5,734,985 Gallons 17.600 Acre-feet

Storage Right: 15,000 Gallons 0.046 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWSWNW	7	8N	29E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWNW, SWSW	7	8N	29E

Comments:

**WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS**

---

Water Right #: 26-024-D

Adjudication Filings: By Ranch: 39-03-89073

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch: 55-625563

By USFS:

By SLD:

Priority Date: Prior to 1962

Type of Use: Domestic, Stockwater

Feature Name: Lower Corral Well

Water Source: Groundwater (Lower Corral Well)

Max. Flow Rate (GPM):

Annual Use: 1,759,598 Gallons 5.400 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNE	7	8N	29E

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

	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
At well:		NWNE	7	8N	29E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
At house:		NWSE	7	8N	29E
	<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
At barns & pasture:		NESE	7	8N	29E

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-025-D

Adjudication Filings: By Ranch: 39-03-89076  
 By USFS:  
 By SLD:

Pre-adjudication Filings: By Ranch: 55-803074  
 By USFS:  
 By SLD:

Priority Date: Before 1964

Type of Use: Stockwater

Feature Name: Becker Well

Water Source: Groundwater (Becker Well)

Max. Flow Rate (GPM): 10

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: 800 Gallons 0.002 Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWSE	30	9N	29E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-028-D

Adjudication Filings: By Ranch: 39-03-91909

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1980

Type of Use: Irrigation

Feature Name: Calving Pasture Well

Water Source: Groundwater (Calving Pasture Well)

Max. Flow Rate (GPM): 100

Annual Use: 19,225,233 Gallons 59.000 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NESE	7	8N	29E

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

Comments:

Annual use not verified

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-029-D

Adjudication Filings: By Ranch: 39-03-91910

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: Prior to 1980

Type of Use: Irrigation

Feature Name: 10" Rim Pasture Well

Water Source: Groundwater (10 Rim Pasture Well)"

Max. Flow Rate (GPM): 300

Annual Use: 51,484,521 Gallons 158.000 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SESWNW	7	8N	29E

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

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NW, W2NE	7	8N	29E

Comments:

Annual use not verified



WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-040-S

Adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 39-03-85685

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD: 55-614139

Priority Date: Sep.27, 1916

Type of Use: Stockwater, Wildlife

Feature Name: East House Pasture Well

Water Source: Groundwater (East House Pasture Well)

Max. Flow Rate (GPM):

Annual Use: 677,771 Gallons 2.080 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SESE	22	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-046-D

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch: 55-625562

By USFS:

By SLD:

Priority Date: Prior to 1962

Type of Use: Stockwater

Feature Name: Unnamed well

Water Source: Groundwater (unnamed well)

Max. Flow Rate (GPM): 35

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SESWNW	7	8N	29E

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

Comments:

Annual use not verified

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-047-D

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1967

Type of Use: Stockwater

Feature Name: Rabbit well

Water Source: Groundwater (Rabbit Well)

Max. Flow Rate (GPM):

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	NWNE	12	8N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-048-D

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Unknown

Type of Use: Stockwater

Feature Name: Well

Water Source: Groundwater (well)

Max. Flow Rate (GPM):

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWNE	12	8N	28E

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

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-166-S

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: Prior to 1969

Type of Use: Stockwater

Feature Name: Unnamed Well

Water Source: Canero Creek

Max. Flow Rate (GPM):

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SWNE	21	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-167-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Pre-adjudication Filings: By Ranch:

By USFS:

By SLD:

Priority Date: 4/4/2016

Type of Use: Stockwater

Feature Name: Unnamed Well

Water Source: Canero Creek

Max. Flow Rate (GPM): 20

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
	SESW	24	10N	28E

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: 26-168-S

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

Pre-adjudication Filings: By Ranch:  
 By USFS:  
 By SLD:

Priority Date: 4/4/2016

Type of Use: Stockwater

Feature Name: Unnamed Well

Water Source: Canero Creek

Max. Flow Rate (GPM): 20

Annual Use: 338,885 Gallons 1.040 Acre-feet

Storage Right: Gallons Acre-feet

Point of Diversion:

<u>Description</u>	<u>QQ</u>	<u>Sec.</u>	<u>I</u>	<u>R</u>
SENW		29	10N	28E

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

Comments:

**EXHIBIT 5.10.1B**

Map of DoBell Ranch

**IN PROCESS OF FINALIZATION**



**EXHIBIT 5.10.1BB**

**ATTACHED**

EXHIBIT 5.10.1BB  
Hopi Abstracts for DoBell Ranch

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: DO-001

Adjudication Filings: By Ranch: 39-03-81780

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 2/15/1957

Type of Use: Stock

Feature Name: Lime Well

Water Source: Washboard Wash

Tributary: Washboard Wash-Little Colorado River

Annual Use: 449,675 Gallons 1.380 Acre-feet

Capacity: 11,991 Gallons 0.037 Acre-feet

Point of Diversion: QQ: NESW T: 16N R: 23E Sec.: 21

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: DO-002

Adjudication Filings: By Ranch: 39-03-86333

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 9/6/1916

Type of Use: Stock

Feature Name: Unnamed Well

Water Source: Washboard Wash

Tributary: Washboard Wash-Little Colorado River

Annual Use: 449,675 Gallons 1.380 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion: QQ: NWNE T: 16N R: 23E Sec.: 33

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

Comments:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: DO-003

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1992

Type of Use: Stock

Feature Name: Unnamed Well

Water Source: Milky Wash

Tributary: Milky Wash

Annual Use: 449,675 Gallons 1.380 Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion: QQ: SESW T: 16N R: 24E Sec.: 33

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

Comments:

NOT AVAILABLE FOR DOWNLOAD

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: DO-004

Adjudication Filings: By Ranch: 39-03-86332

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1884

Type of Use: Stock

Feature Name: Padilla Tank

Water Source: Washboard Wash

Tributary: Washboard Wash-Little Colorado River

Annual Use: 16,651 Gallons 0.051 Acre-feet

Capacity: 16,651 Gallons 0.051 Acre-feet

Point of Diversion: QQ: NWNW T: 16N R: 23E Sec.: 27

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

Comments:

SOPC Parent app 34-38427. UTM location places impoundment in Section 27

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: DO-005

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1971

Type of Use: Stock

Feature Name: Unnamed tank

Water Source: Washboard Wash

Tributary: Washboard Wash-Little Colorado River

Annual Use: 325,851 Gallons 1.000 Acre-feet

Capacity: 325,851 Gallons 1.000 Acre-feet

Point of Diversion: QQ: SESW T: 15N R: 23E Sec.: 04

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: DO-006

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1955

Type of Use: Stock

Feature Name: Unnamed tank

Water Source: Milky Wash

Tributary: Milky Wash

Annual Use: 286,749 Gallons 0.880 Acre-feet

Capacity: 286,749 Gallons 0.880 Acre-feet

Point of Diversion: QQ: SESE T: 16N R: 24E Sec.: 33

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: DO-007

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1955

Type of Use: Stock

Feature Name: Stock tank

Water Source: Washboard Wash

Tributary: Washboard Wash-Little Colorado River

Annual Use: 9,136,873 Gallons 28.040 Acre-feet

Capacity: 9,136,873 Gallons 28.040 Acre-feet

Point of Diversion: QQ: SWSE T: 16N R: 24E Sec.: 31

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: DO-008

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1971

Type of Use: Stock

Feature Name: Unnamed tank

Water Source: Washboard Wash

Tributary: Washboard Wash-Little Colorado River

Annual Use: 357,756 Gallons 1.098 Acre-feet

Capacity: 357,756 Gallons 1.098 Acre-feet

Point of Diversion: QQ: NENE T: 16N R: 23E Sec.: 04

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: DO-009

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1996

Type of Use: Stock

Feature Name: Unnamed pond

Water Source: Washboard Wash

Tributary: Washboard Wash-Little Colorado River

Annual Use: 13,742 Gallons 0.042 Acre-feet

Capacity: 13,742 Gallons 0.042 Acre-feet

Point of Diversion: QQ: NESW T: 16N R: 23E Sec.: 23

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: DO-010

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1992

Type of Use: Stock

Feature Name: Unnamed tank

Water Source: Milky Wash

Tributary: Milky Wash

Annual Use: 3,600 Gallons 0.011 Acre-feet

Capacity: 3,600 Gallons 0.011 Acre-feet

Point of Diversion: QQ: SESE T: 16N R: 24E Sec.: 33

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

Comments:

# **EXHIBIT 5.10.1C**

**Map of Aja Ranch fee lands**

**IN PROCESS OF FINALIZATION**

**EXHIBIT 5.10.1CC**

**ATTACHED**

EXHIBIT 5.10.1CC

Hopi Abstracts for Aja Ranch fee lands

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: AJ-007-D  
Adjudication Filings: By Ranch: 39-03-88062  
By USFS:  
By SLD:  
Preadjudication Filing: 55-649881  
Priority Date: 6/14/1982  
Type of Use: Stockwater  
Feature Name: Clear Cr. Well  
Water Source: GW - Clear Creek Windmill  
Tributary:  
Max. Flow Rate (GPM): 10

Annual Use: 4,320,000 Gallons 13.258 Acre-feet  
Storage Right: 4,320,000 Gallons 13.258 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNE	31	18	16

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: AJ-009-D  
 Adjudication Filings: By Ranch: 39-03-88064  
                                   By USFS:  
                                   By SLD:  
 Preadjudication Filing: 36-26307  
 Priority Date: 6/29/1979  
 Type of Use: Stockwater  
 Feature Name: Chevelon Cr. Reservoir  
 Water Source: Lake - Dam at Chevelon Creek  
 Tributary:  
 Max. Flow Rate (GPM):

Annual Use: 931,700 Gallons 2.859 Acre-feet  
 Capacity: 0 Gallons 0.000 Acre-feet

Point of Diversion:

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

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

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
S2NE	27	18	17

Comments:

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

---

Water Right #: AJ-010-D

Adjudication Filings: By Ranch: 39-03-88065

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1942

Type of Use: Stockwater

Feature Name: McHood (Clear Cr.) Res.

Water Source: Dam at Clear Creek Reservoir

Annual Use: Gallons Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSW	10	18	16

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

Comments:

Imaged record from ADWR is missing statement of claim. Storage capacity and annual volume of use will be declared when located.



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: AJ-031 D

Adjudication Filings: By Ranch: 39-03-88086

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1942

Type of Use: Stockpond

Feature Name: River Tank #1

Water Source: Chevelon Creek & Unnamed Source

Tributary: Little Colorado and Clear Creek

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>
SESE	11	18	16

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: AJ-055-D

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1968

Type of Use: Stockwater

Feature Name: Clear Creek Tank

Water Source: GW - Clear Creek Windmill

Tributary:

Max. Flow Rate (GPM):

Annual Use: 41,187 Gallons 0.126 Acre-feet

Capacity: 41,187 Gallons 0.126 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SENE	31	18	16

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

Comments:

WATER RIGHT ABSTRACT FOR INSTREAM USE ON HOPI RANCH LANDS

---

Water Right #: AJ-058-D

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name: Portion of Clear Creek Reservoir

Water Source:

Annual Use: Gallons Acre-feet

Capacity: Gallons Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENW	21	18	16

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

Comments:

# **EXHIBIT 5.10.1D**

**Map of Homolovi fee lands**

**IN PROCESS OF FINALIZATION**



**EXHIBIT 5.10.1DD**

**ATTACHED**

EXHIBIT 5.10.1DD  
Hopi Abstracts for Homolovi fee lands

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: HO-001

Adjudication Filings: By Ranch: 39-03-86498

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1955

Type of Use: Stock

Feature Name: Unnamed impoundment

Water Source: McDonald Canyon

Tributary: McDonald Canyon-Little Colorado River

Annual Use: 21,106 Gallons 0.065 Acre-feet

Capacity: 21,106 Gallons 0.065 Acre-feet

Point of Diversion: QQ: SWSE T: 19N R: 17E Sec.: 31

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: HO-002

Adjudication Filings: By Ranch: 39-03-81784

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1971

Type of Use: Stock

Feature Name: Unnamed impoundment

Water Source: McDonald Canyon

Tributary: McDonald Canyon-Little Colorado River

Annual Use: 230,121 Gallons 0.706 Acre-feet

Capacity: 230,121 Gallons 0.706 Acre-feet

Point of Diversion: QQ: SWSE T: 19N R: 17E Sec.: 31

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

Comments:

Impoundment is adjacent to older impoundment, Cement Dip Tank.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: HO-003

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1980

Type of Use: Stock

Feature Name: Unnamed tank

Water Source: Rincon Basin

Tributary: Rincon Basin-Little Colorado River

Annual Use: 173,328 Gallons 0.532 Acre-feet

Capacity: 173,328 Gallons 0.532 Acre-feet

Point of Diversion: QQ: NWNW T: 20N R: 16E Sec.: 29

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: HO-004

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1999

Type of Use: Stock

Feature Name: Unnamed tank

Water Source: McDonald Canyon

Tributary: McDonald Canyon-Little Colorado River

Annual Use: 471,720 Gallons 1.448 Acre-feet

Capacity: 471,720 Gallons 1.448 Acre-feet

Point of Diversion: QQ: SESW T: 18N R: 17E Sec.: 31

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

Comments:

# **EXHIBIT 5.10.1E**

**Map of Hart Ranch fee land**

**IN PROCESS OF FINALIZATION**

**EXHIBIT 5.10.1EE**

**IN PROCESS OF FINALIZATION**



EXHIBIT 5.10.1EE

Hopi Abstracts for Hart Ranch fee lands

PLACEHOLDER FOR HOPI ABSTRACTS FOR  
HART RANCH FEE LANDS

# **EXHIBIT 5.10.1F**

**Map of Clear Creek Ranch fee lands**

**IN PROCESS OF FINALIZATION**

**EXHIBIT 5.10.1FF**

**ATTACHED**

EXHIBIT 5.10.1FF

Hopi Abstracts for Clear Creek Ranch fee lands

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-016-D  
Adjudication Filings: By Ranch: 39-03-87923  
By USFS:  
By SLD:  
Preadjudication Filing: 38-21637  
Priority Date: 11/22/1968  
Type of Use: Stockpond, Wildlife  
Feature Name: King Tank  
Water Source: No name  
Tributary: Jack's Canyon

Max. Flow Rate (GPM):

Annual Use: 1,205,650 Gallons 3.700 Acre-feet  
Capacity: 1,205,650 Gallons 3.700 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESE	21	18	15

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-043-D  
Adjudication Filings: By Ranch: 39-03-89313  
By USFS:  
By SLD:  
Preadjudication Filing: 38-64280  
Priority Date: 6/1/1955  
Type of Use: Stockpond, Wildlife  
Feature Name: Model T Tank Section 1  
Water Source: Tucker Wash  
Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use: 387,763 Gallons 1.190 Acre-feet  
Capacity: 387,763 Gallons 1.190 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNWNE	1	18	14

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-044-D  
 Adjudication Filings: By Ranch: 39-03-89314  
                                   By USFS:  
                                   By SLD:  
 Preadjudication Filing: 38-64280  
 Priority Date: 6/1/1955  
 Type of Use: Stockpond, Wildlife  
 Feature Name: Model T Tank Section 2  
 Water Source: Tucker Wash  
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	2,808,839	Gallons	8.620	Acre-feet
Capacity:	2,808,839	Gallons	8.620	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNWNE	1	18	14

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-049-D  
 Adjudication Filings: By Ranch: 39-03-89319  
                                   By USFS:  
                                   By SLD:  
 Preadjudication Filing: 55-606822  
 Priority Date: 1/1/1955  
 Type of Use: Stockpond, Wildlife, Domestic  
 Feature Name: Hartman (House) Well & Tank  
 Water Source: GW - Hartman (House) Well

Tributary:

Max. Flow Rate (GPM):

Annual Use:	651,703	Gallons	2.000	Acre-feet
Capacity:	24,439	Gallons	0.075	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESWNE	13	18	14

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

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNWNE	13	18	14

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-050-D  
 Adjudication Filings: By Ranch: 39-03-89320  
 By USFS:  
 By SLD:  
 Preadjudication Filing: 33-90547  
 Priority Date: 10/15/1982  
 Type of Use: Stockpond, Wildlife  
 Feature Name: Sebenik (Loyd's Tank)  
 Water Source: Back Wash  
 Tributary: Little Colorado  
 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>	I	R
SWSESW	13	18	14

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-064-D

Adjudication Filings: By Ranch: 39-03-89333

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 7/1/1975

Type of Use: Stockpond

Feature Name: Well #8 & Windmill Well #8 Tank

Water Source: GW (well)

Tributary:

Max. Flow Rate (GPM):

Annual Use: 32,585 Gallons 0.100 Acre-feet

Capacity: 32,585 Gallons 0.100 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSE	32	19	15

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

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NWNE	5	18	15

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-065-D  
 Adjudication Filings: By Ranch: 39-03-89334  
 By USFS:  
 By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use:	13,686	Gallons	0.042	Acre-feet
Capacity:	13,686	Gallons	0.042	Acre-feet

Point of Diversion:

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

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

Comments:

One in a series of tanks alongside highway.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-066-D  
Adjudication Filings: By Ranch: 39-03-89335  
By USFS:  
By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use: 20,854 Gallons 0.064 Acre-feet  
Capacity: 20,854 Gallons 0.064 Acre-feet

Point of Diversion:

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

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

Comments:

One in a series of tanks alongside highway.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-068-D  
Adjudication Filings: By Ranch: 39-03-89337  
By USFS:  
By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use: 15,315 Gallons 0.047 Acre-feet  
Capacity: 15,315 Gallons 0.047 Acre-feet

Point of Diversion:

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

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-069-D  
Adjudication Filings: By Ranch: 39-03-89338  
By USFS:  
By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use:	22,158	Gallons	0.068	Acre-feet
Capacity:	22,158	Gallons	0.068	Acre-feet

Point of Diversion:

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

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

Comments:

One in a series of tanks alongside highway.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-070-D  
Adjudication Filings: By Ranch: 39-03-89339  
By USFS:  
By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use:	9,450	Gallons	0.029	Acre-feet
Capacity:	9,450	Gallons	0.029	Acre-feet

Point of Diversion:

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

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

Comments:

One in a series of tanks alongside highway.



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-071-D  
Adjudication Filings: By Ranch: 39-03-89340  
By USFS:  
By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use: 6,191 Gallons 0.019 Acre-feet  
Capacity: 6,191 Gallons 0.019 Acre-feet

Point of Diversion:

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

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

Comments:

One in a series of tanks alongside highway.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-072-D  
Adjudication Filings: By Ranch: 39-03-89341  
By USFS:  
By SLD:

Preadjudication Filing:

Priority Date: 10/15/1982  
Type of Use: Stockpond, Wildlife  
Feature Name: Waterhole #1  
Water Source: Mesa Wash  
Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use: 52,136 Gallons 0.160 Acre-feet  
Capacity: 52,136 Gallons 0.160 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:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-074-D  
Adjudication Filings: By Ranch: 39-03-89343  
By USFS:  
By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use: 16,944 Gallons 0.052 Acre-feet  
Capacity: 16,944 Gallons 0.052 Acre-feet

Point of Diversion:

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

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

Comments:

One in a series of tanks alongside highway.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-075-D  
Adjudication Filings: By Ranch: 39-03-89344  
By USFS:  
By SLD:

Preadjudication Filing:

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

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>
NWNWNE	7	18	15

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

Comments:

One in a series of tanks alongside highway.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-076-D  
 Adjudication Filings: By Ranch: 39-03-89345  
 By USFS:  
 By SLD:

Preadjudication Filing:

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

Max. Flow Rate (GPM):

Annual Use:	13,360	Gallons	0.041	Acre-feet
Capacity:	13,360	Gallons	0.041	Acre-feet

Point of Diversion:

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

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

Comments:

One in a series of tanks alongside highway.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-085-D

Adjudication Filings: By Ranch: 39-03-89354

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: 1/26/83

Type of Use: Domestic use

Feature Name: Tucker Well

Water Source:

Tributary:

Max. Flow Rate (GPM):

Annual Use: 651,703 Gallons 2.000 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>
NWNWSW	13	19	14

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-086-D  
 Adjudication Filings: By Ranch: 39-03-89355  
 By USFS:  
 By SLD:

Preadjudication Filing:

Priority Date: 3/1/1983  
 Type of Use: Stockpond, Wildlife  
 Feature Name: Tucker Tank (Ditch)  
 Water Source: Tucker Tank Wash  
 Tributary: Little Colorado River

Max. Flow Rate (GPM):

Annual Use:	755,975	Gallons	2.320	Acre-feet
Capacity:	755,975	Gallons	2.320	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	I	<u>R</u>
SESWSW	13	19	14

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

<u>QQ</u>	<u>SEC</u>	I	<u>R</u>
SWSESW	13	19	14

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-100-DS  
 Adjudication Filings: By Ranch: 39-03-89369  
 By USFS:  
 By SLD: 39-03-91764

Preadjudication Filing:

Priority Date: Prior to 1884  
 Type of Use: Stockpond, Wildlife  
 Feature Name: Waterhole #4  
 Water Source: Unknown  
 Tributary: Unknown

Max. Flow Rate (GPM):

Annual Use:	34,214	Gallons	0.105	Acre-feet
Capacity:	34,214	Gallons	0.105	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	I	R
SESESE	36	19	14

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-134-DS  
 Adjudication Filings: By Ranch: 39-03-89402  
 By USFS:  
 By SLD: 39-03-86570

Preadjudication Filing:

Priority Date: 7/1/1963  
 Type of Use: Stockpond, Wildlife  
 Feature Name: Big John's Tank  
 Water Source: John's Wash  
 Tributary: Little Colorado

Max. Flow Rate (GPM):

Annual Use:	580,015	Gallons	1.780	Acre-feet
Capacity:	580,015	Gallons	1.780	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SEWNNE	32	19	15

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-137-D

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name: Abstract Deleted

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:

Abstract Deleted (No longer associated with ranch)

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-144-D

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 RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-145-D

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
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Capacity:	Gallons	Acre-feet
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Point of Diversion:

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

Comments:

Unverified location

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

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Water Right #: CC-146-D

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 RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-148-D

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: Jacks Canyon

Max. Flow Rate (GPM):

Annual Use: 34,970 Gallons 0.107 Acre-feet

Capacity: 34,970 Gallons 0.107 Acre-feet

Point of Diversion:

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

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-149-D

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: Jacks Canyon

Max. Flow Rate (GPM):

Annual Use: 20,788 Gallons 0.064 Acre-feet

Capacity: 20,788 Gallons 0.064 Acre-feet

Point of Diversion:

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

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

Comments:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-150-D

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: 2,631 Gallons 0.008 Acre-feet

Capacity: 2,631 Gallons 0.008 Acre-feet

Point of Diversion:

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

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

Comments:



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: CC-152-D

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 RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: CC-155-DS

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name: Well

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:

Abstract deleted, not Hopi well

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: CC-156-D

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name: Well

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:

Abstract deleted, not Hopi well

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: CC-157-D

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date:

Type of Use:

Feature Name: Well

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:

Abstract deleted, not Hopi well

# **EXHIBIT 5.10.1G**

**Map of Hart Ranch**

**IN PROCESS OF FINALIZATION**

**EXHIBIT 5.10.1GG**

**ATTACHED**

EXHIBIT 5.10.1GG

Hopi Abstracts for Hart Ranch trust lands

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

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Water Right #: HT-001-I  
Adjudication Filings: By Ranch: 39-03-84303  
By USFS:  
By SLD:  
Preadjudication Filing: 33-46470  
Priority Date: 6/30/77  
Type of Use: Stockwater  
Feature Name: Unnamed  
Water Source: Anderson Canyon  
Tributary: Canyon Diablo  
Max. Flow Rate (GPM):

Annual Use: 821,500 Gallons 2.521 Acre-feet  
Capacity: 619,118 Gallons 1.900 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENW	30	19	12

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

Comments:



WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-005-I  
Adjudication Filing: 39-03-84305  
Priority Date: 8/20/1996  
Type of Use: Stockwater  
Feature Name: Babbitt Tank #1  
Water Source: Yellow Jacket Canyon  
Tributary: Canyon Diablo  
Annual Use (GAL): 358420  
Capacity (AF): 1.1  
Length (ft): 400 Width (ft): 200 Depth (ft): 8  
OO SEC T R  
POD Location: SWSW 12 20 11  
POU Location: SESW 12 20 11  
(if different from POD)

NRCE Comment: This adjudication filing includes Babbitt Tank #2 but this tank falls on state trust land so this claim has been modified to only include Babbitt Tank #1. 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 #: HT-006-S  
Adjudication Filings: By Ranch: 39-03-84305  
By USFS:  
By SLD: 39-03-86635

Preadjudication Filing:

Priority Date: Prior to 1884  
Type of Use: Stockpond  
Feature Name: Babbitt Tank #2  
Water Source: Yellow Jacket Canyon  
Tributary: Canyon Diablo  
Max. Flow Rate (GPM):

Annual Use:	1,500,000	Gallons	4.603	Acre-feet
Capacity:	231,354	Gallons	0.710	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SESW	12	20	11

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

Comments:

**WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS**

Water Right #: HT-007-I  
 Adjudication Filing: 39-03-84306  
 Priority Date: 6/4/1975  
 Type of Use: Stockwater  
 Feature Name: Gorton Tank #1  
 Water Source: Yellow Jacket Canyon  
 Tributary: Canyon Diablo  
 Annual Use (GAL): 211790  
 Capacity (AF): 0.65

Length (ft):	Width (ft):		Depth (ft):	
	<u>OO</u>	<u>SEC</u>	<u>T</u>	<u>R</u>
POD Location:	SENW	22	20	11
POU Location:	SENW	22	20	11
(if different from POD)				

NRCE Comment: Called Golden Dam Tank in NHD database. Annual use assumed to be equal to claimed capacity.



WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

---

Water Right #: HT-009-S  
Adjudication Filings: By Ranch: 39-03-84306  
By USFS:  
By SLD:

Preadjudication Filing:

Priority Date: 6/4/1975  
Type of Use: Stockpond  
Feature Name: Gorton Tank #3  
Water Source: Yellow Jacket Canyon  
Tributary: Canyon Diablo  
Max. Flow Rate (GPM):

Annual Use:	2,000,000	Gallons	6.138	Acre-feet
Capacity:	443,158	Gallons	1.360	Acre-feet

Point of Diversion:

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

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

Comments:

**WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS**

Water Right #: HT-010-1

Adjudication Filing: 39-03-84307

Priority Date: 6/1/1910

Type of Use: Stockpond

Feature Name: Casner Tank #1

Water Source: Wallace Canyon

Tributary: Canyon Diablo

Annual Use (GAL): 619080

Capacity (AF): 1.9

Length (ft): 230 Width (ft): 180 Depth (ft): 5

QQ SEC T R

POD Location: SWSWNE 18 19 12

POU Location:

(if different from POD)

NRCE Comment: POU modified to be the same as POD. Annual use assumed to be equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-011-I  
Adjudication Filing: 39-03-84307  
Priority Date: 6/1/1910  
Type of Use: Stockpond  
Feature Name: Casner Tank #2  
Water Source: Jerkinson Wash  
Tributary: Lute Hart Wash  
Annual Use (GAL): 254150  
Capacity (AF): 0.78  
Length (ft): 150 Width (ft): 100 Depth (ft): 5  
QQ SEC T R  
POD Location: NWSE 18 19 12  
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 #: HT-017-I  
Adjudication Filing: 39-03-84364  
Priority Date: 6/4/1975  
Type of Use: Stockwater  
Feature Name: Dry (Grass Flat) Lake  
Water Source: Dry Lake

Tributary:

Annual Use (GAL): 300000

Capacity (AF):

Length (ft):	Width (ft):	Depth (ft):		
	<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
POD Location:	SE	32	19	9

POU Location:  
(if different from POD)

NRCE Comment: The storage right is associated with the natural lake. Only the annual volume of use is provided; the water right is to a natural lake where its capacity (equal to 285 AF) is unrelated to annual use.



**WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS**

Water Right #: HT-024-W  
Adjudication Filing 39-03-84371  
Priority Date: 7/1/1940  
Type of Use: Stockwater, Domestic  
Feature Name: Hart HQ Well  
Max. Flow Rate (GPM): 15  
Annual Use: 1703300 Gallons  
Storage Right: 75000 Gallons  
QQ Sec. I R  
Point of Diversion: SESENE 7 20 11  
NRCE Comment: Annual use calculated from 400,000 gallons for domestic use and 4 AF (1.3 million gallons) annually for stockwater.

**WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS**

Water Right #: HT-025-W  
Adjudication Filing 39-03-84372  
Priority Date: 1967  
Type of Use: Stockwater, Wildlife  
Feature Name: Courthouse Well  
Max. Flow Rate (GPM): 8  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  
QQ Sec. T R  
Point of Diversion: NENENW 9 19 11  
NRCE Comment:

**WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS**

Water Right #: HT-026-W  
Adjudication Filing 39-03-84373  
Priority Date: 2/1/1967  
Type of Use: Stockwater, Wildlife  
Feature Name: Walters (#1) Well  
Max. Flow Rate (GPM): 8  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  
QQ Sec. I R  
Point of Diversion: NWSESW 24 19 10  
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-027-W  
Adjudication Filing 39-03-84374  
Priority Date: 1970  
Type of Use: Stockwater, Wildlife  
Feature Name: Hard Luck Well  
Max. Flow Rate (GPM): 8  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  
QQ Sec. T R  
Point of Diversion: SWNW 29 20 11  
NRCE Comment: Revised coordinates and POD location.

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-028-W  
Adjudication Filing 39-03-84375  
Priority Date: 1964  
Type of Use: Stockwater, Wildlife  
Feature Name: Bull Well  
Max. Flow Rate (GPM): 8  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  
QQ Sec. T R  
Point of Diversion: NWNese 11 20 12  
NRCE Comment:

WATER RIGHT ABSTRACT FOR WELL ON HOPI RANCH LANDS

---

Water Right #: HT-029-S  
 Adjudication Filings: By Ranch: 39-03-84376  
 By USFS:  
 By SLD: 39-03-86633

Preadjudication Filing:

Priority Date: 3/2/1926  
 Type of Use: Stockwater, Wildlife  
 Feature Name: Oil Well  
 Water Source: GW- Oil Well

Tributary:  
 Max. Flow Rate (GPM): 8

Annual Use:	1,095,000	Gallons	3.360	Acre-feet
Storage Right:	25,000	Gallons	0.077	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NENENW	12	20	11

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

Comments:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-030-W  
Adjudication Filing 39-03-84377  
Priority Date: 1950  
Type of Use: Stockwater, Wildlife  
Feature Name: Reservation Well  
Max. Flow Rate (GPM): 8  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  
QQ Sec. T R  
Point of Diversion: SWNENE 7 20 12  
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-031-W  
Adjudication Filing 39-03-84378  
Priority Date: 1955  
Type of Use: Stockwater, Wildlife  
Feature Name: Bumpy Road Well  
Max. Flow Rate (GPM): 8  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  

	<u>QQ</u>	<u>Sec.</u>	<u>T</u>	<u>R</u>
Point of Diversion:	L4	3	19	12

NRCE Comment:



**WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS**

Water Right #: HT-032-W  
Adjudication Filing 39-03-84379  
Priority Date: 1940  
Type of Use: Stockwater  
Feature Name: Walters #2 Well  
Max. Flow Rate (GPM): 8  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  
QQ Sec. I R  
Point of Diversion: SWSESE 23 19 10  
NRCE Comment:

WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS

Water Right #: HT-033-W  
Adjudication Filing 39-03-84380  
Priority Date: 1960  
Type of Use: Stockwater, Wildlife  
Feature Name: Sunshine Well  
Max. Flow Rate (GPM): 60  
Annual Use: 1095000 Gallons  
Storage Right: 25000 Gallons  
QQ Sec. T R  
Point of Diversion: NWSW 13 20 12.5  
NRCE Comment: Revised coordinates and POD location.

**WATER RIGHTS ABSTRACTS FOR WELLS ON HOPI RANCH LANDS**

Water Right #: HT-034-W  
Adjudication Filing 39-03-84381  
Priority Date: 1964  
Type of Use: Stockwater, Wildlife  
Feature Name: Anderson Well  
Max. Flow Rate (GPM): 60  
Annual Use: 1095000 Gallons  
Storage Right: 50000 Gallons  
QQ Sec. T R  
Point of Diversion: SENWSE 29 20 12  
NRCE Comment:

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

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Water Right #: HT-036-S  
 Adjudication Filings: By Ranch: 39-03-84383  
 By USFS:  
 By SLD: 39-03-86551

Preadjudication Filing:

Priority Date: Prior to 1884  
 Type of Use: Stockpond  
 Feature Name: Elliott Tank  
 Water Source: Elliot Canyon  
 Tributary: Canyon Diablo

Max. Flow Rate (GPM):

Annual Use:	303,042	Gallons	0.930	Acre-feet
Capacity:	303,042	Gallons	0.930	Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
L3	6	19	11

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

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
L3, L4	6	19	11

Comments:

**WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS**

Water Right #: HT-037-I  
Adjudication Filing: 39-03-84384  
Priority Date: 6/4/1975  
Type of Use: Stockpond  
Feature Name: Walters Tank  
Water Source: Elliot Canyon  
Tributary: Canyon Diablo  
Annual Use (GAL): 55400  
Capacity (AF): 0.17  
Length (ft): 100    Width (ft): 60    Depth (ft): 2  
                  QQ    SEC    T    R  
POD Location:    SENE    23    19    12  
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 #: HT-038-I  
Adjudication Filing: 39-03-84385  
Priority Date: 6/4/1975  
Type of Use: Stockpond  
Feature Name: Lute Hart Tank  
Water Source: Anderson Canyon  
Tributary: Canyon Diablo  
Annual Use (GAL): 1042660  
Capacity (AF): 3.2  
Length (ft): 350 Width (ft): 200 Depth (ft): 6  
OO SEC I R  
POD Location: SENW 7 19 12  
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 #: HT-039-I  
Adjudication Filing: 39-03-84386  
Priority Date: 6/4/1975  
Type of Use: Stockpond  
Feature Name: Sinkhole Tank #1  
Water Source: Anderson Canyon  
Tributary: Canyon Diablo  
Annual Use (GAL): 1332640  
Capacity (AF): 4.09  
Length (ft): 900 Width (ft): 420 Depth (ft): 7  
OO SEC I R  
POD Location: L1 31 20 12  
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 #: HT-040-I

Adjudication Filing: 39-03-84387

Priority Date: 6/4/1975

Type of Use: Stockpond, Wildlife

Feature Name: Chimney Tank

Water Source: Chimney Canyon

Tributary: Anderson Canyon

Annual Use (GAL): 368190

Capacity (AF): 1.13

Length (ft): 200 Width (ft): 125 Depth (ft): 6

QQ SEC I R

POD Location: NWSE 22 19 11

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 #: HT-041-I  
Adjudication Filing: 39-03-84388  
Priority Date: 6/4/1975  
Type of Use: Stockpond, Wildlife  
Feature Name: Courthouse Tank  
Water Source: Courthouse Wash  
Tributary: Anderson Canyon  
Annual Use (GAL): 84720  
Capacity (AF): 0.26  
Length (ft): 100 Width (ft): 40 Depth (ft): 2  
QQ SEC T R  
POD Location: NWSW 10 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 #: HT-042-I

Adjudication Filing: 39-03-84389

Priority Date: 6/4/1975

Type of Use: Stockpond, Wildlife

Feature Name: Boyd Reid Tank

Water Source: Anderson Canyon

Tributary: Canyon Diablo

Annual Use (GAL): 553910

Capacity (AF): 1.7

Length (ft): 250 Width (ft): 100 Depth (ft): 6

QQ SEC I R

POD Location: NENW 10 19 11

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 #: HT-043-I  
Adjudication Filing: 39-03-84390  
Priority Date: 6/4/1975  
Type of Use: Stockpond, Wildlife  
Feature Name: Prosperity Tank  
Water Source: Wallace Canyon  
Tributary: Canyon Diablo  
Annual Use (GAL): 319320  
Capacity (AF): 0.98  
Length (ft): 200 Width (ft): 120 Depth (ft): 3  
QQ SEC T R  
POD Location: NWSW 35 20 12  
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 #: HT-044-I  
Adjudication Filing: 39-03-84391  
Priority Date: 6/4/1975  
Type of Use: Stockpond  
Feature Name: 66 Tank#1  
Water Source: 66 Wash  
Tributary: Canyon Diablo  
Annual Use (GAL): 162920  
Capacity (AF): 0.5  
Length (ft): 175 Width (ft): 150 Depth (ft): 3  
QQ SEC I R  
POD Location: SENESW 9 20 12  
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 #: HT-045-I  
Adjudication Filing: 39-03-84392  
Priority Date: 6/4/1975  
Type of Use: Stockpond  
Feature Name: 66 Tank#2  
Water Source: 66 Wash  
Tributary: Canyon Diablo  
Annual Use (GAL): 162920  
Capacity (AF): 0.5  
Length (ft): 160 Width (ft): 140 Depth (ft): 2  
QQ SEC T R  
POD Location: NWSESW 9 20 12  
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 #: HT-047-1  
Adjudication Filing: 39-03-84394  
Priority Date: 1948  
Type of Use: Stockpond, Wildlife  
Feature Name: Sunshine Tank  
Water Source: Sunshine Wash  
Tributary: Canyon Diablo  
Annual Use (GAL): 814580  
Capacity (AF): 2.5  
Length (ft):      Width (ft):      Depth (ft):  
                          QQ    SEC    T    R  
POD Location: NWNW    14    20    12.5  
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

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Water Right #: HT-049-S  
 Adjudication Filings: By Ranch: 39-03-84396  
 By USFS:  
 By SLD: 39-03-86552

Preadjudication Filing:

Priority Date: Prior to 1884  
 Type of Use: Stockpond  
 Feature Name: Eli Tank  
 Water Source: Eli Wash  
 Tributary: Anderson Canyon

Max. Flow Rate (GPM):

Annual Use: 1,684,652 Gallons 5.170 Acre-feet  
 Capacity: 1,684,652 Gallons 5.170 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
S2N2SW	8	19	11

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

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
S2N2SW, NESWSW	8	19	11

Comments:

**WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS**

Water Right #: HT-050-1  
Adjudication Filing: 39-03-84397  
Priority Date: 6/4/1975  
Type of Use: Stockpond, Wildlife  
Feature Name: Big Anderson Tank  
Water Source: Anderson Canyon  
Tributary: Canyon Diablo  
Annual Use (GAL): 2202610  
Capacity (AF): 6.76  
Length (ft): 450 Width (ft): 200 Depth (ft): 10  
             
POD Location: WSE, NWN 2 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 #: HT-063-I  
Adjudication Filing: 39-03-84411  
Priority Date: 11/19/1975  
Type of Use: Stockpond, Wildlife  
Feature Name: Crossroads Tank  
Water Source: Wagon Box Draw  
Tributary: Canyon Diablo  
Annual Use (GAL): 1186020  
Capacity (AF): 3.64  
Length (ft): 350 Width (ft): 200 Depth (ft): 12  
QQ SEC I R  
POD Location: NENE 25 20 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 #: HT-064-I

Adjudication Filing: 39-03-84412

Priority Date: 11/19/1975

Type of Use: Stockpond, Wildlife

Feature Name: Wagon Box Tank

Water Source: Wagon Box Draw

Tributary: Canyon Diablo

Annual Use (GAL): 3606930

Capacity (AF): 11.07

Length (ft): 425 Width (ft): 170 Depth (ft): 15

QQ SEC I R

POD Location: SESW 33 20 11

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

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Water Right #: HT-094-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1968

Type of Use: Stockwater

Feature Name: Unnamed tank

Water Source:

Tributary: Canyon Diablo

Max. Flow Rate (GPM):

Annual Use: 1,458 Gallons 0.004 Acre-feet

Capacity: 1,458 Gallons 0.004 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWNW	36	20	12

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

Comments:

**WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS**

Water Right #: HT-095-I

Adjudication Filing:

Priority Date: Prior to 1954

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed draw

Tributary:

Annual Use (GAL): 433360

Capacity (AF): 1.33

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:	NESE	13	20	12

POU Location:

(if different from POD)

NRCE Comment: No adjudication filings available. Priority date estimated from historic aerial imagery. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use assumed equal to claimed capacity.

WATER RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

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Water Right #: HT-096-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1968

Type of Use: Stockwater

Feature Name: Unnamed tank

Water Source:

Tributary: Canyon Diablo

Max. Flow Rate (GPM):

Annual Use: 1,280,277 Gallons 3.929 Acre-feet

Capacity: 1,280,277 Gallons 3.929 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
NESE	14	19	11

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

Comments:

## WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-097-I

Adjudication Filing:

Priority Date: Prior to 1954

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed wash

Tributary:

Annual Use (GAL): 436620

Capacity (AF): 1.34

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

OO      SEC      T      R

POD Location:    NESW      5      20      11

POU Location:

(if different from POD)

NRCE Comment: No known adjudication filings available. Priority date estimated from historic aerial imagery. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use assumed equal to claimed capacity.

## WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-098-1

Adjudication Filing:

Priority Date: 1968

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed wash

Tributary:

Annual Use (GAL): 622340

Capacity (AF): 1.91

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

QQ      SEC      T      R

POD Location:    NWNE      19      20      11

POU Location:

(if different from POD)

NRCE Comment:    No known adjudication filings available for this tank. 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 RIGHT ABSTRACT FOR IMPOUNDMENT ON HOPI RANCH LANDS

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Water Right #: HT-099-S

Adjudication Filings: By Ranch:

By USFS:

By SLD:

Preadjudication Filing:

Priority Date: Prior to 1968

Type of Use: Stockwater

Feature Name: Unnamed tank

Water Source:

Tributary: Canyon Diablo

Max. Flow Rate (GPM):

Annual Use: 6,227 Gallons 0.019 Acre-feet

Capacity: 6,227 Gallons 0.019 Acre-feet

Point of Diversion:

<u>QQ</u>	<u>SEC</u>	<u>I</u>	<u>R</u>
SWSW	8	19	11

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

Comments:



**WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS**

Water Right #: HT-100-I

Adjudication Filing:

Priority Date: 1968

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed draw

Tributary:

Annual Use (GAL): 198760

Capacity (AF): 0.61

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

POD Location: SWSW    24    19    10

POU Location:

(if different from POD)

NRCE Comment: No known adjudication filings available for this tank. 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 #: HT-101-I

Adjudication Filing:

Priority Date: Prior to 1954

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed draw

Tributary:

Annual Use (GAL): 87980

Capacity (AF): 0.27

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

POD Location: NENW      25      19      10

POU Location:

(if different from POD)

NRCE Comment: No adjudication filings available. Priority date estimated from historic aerial imagery. Capacity calculated using surface area delineated from aerial imagery and NRCE's equation for capacity. Annual use assumed equal to claimed capacity.

WATER RIGHTS ABSTRACTS FOR IMPOUNDMENTS ON HOPI RANCH LANDS

Water Right #: HT-102-I

Adjudication Filing:

Priority Date: 1965

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed draw

Tributary:

Annual Use (GAL): 309540

Capacity (AF): 0.95

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

QQ      SEC      T      R

POD Location: SWNW      4      18      9

POU Location:

(if different from POD)

NRCE Comment: No known adjudication filings available for this tank. 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 #: HT-105-I

Adjudication Filing:

Priority Date: 1968

Type of Use: Stockpond

Feature Name: Unnamed

Water Source: Unnamed

Tributary:

Annual Use (GAL): 9780

Capacity (AF): 0.03

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:	NENE	10	19	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-105-W

Adjudication Filing

Priority Date: 4/28/2014

Type of Use: Stockwater

Feature Name: Hardluck 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:	NWNW	20	20	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.