

PISP Site History

START	LOCATION	END	EVENT	SOURCE
	Dugout		Not long after the construction of Pipe Spring fort, the dugout collapsed, reportedly under the weight of a cow. The dugout was used thereafter as a trash pit by residents of Pipe Spring	Memorandum to Rod Wheaton from Doug Dewitz, January 21, 1985.
1858	Park Politics		naming of Pipe Springs by Jack Hamblin and party	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentation Heaton's reports Administrative History p17-18
1863	Corral	1863	James Montgomery Whitmore, assisted by Robert McIntyre, obtained a land certificate for a 160-acre tract (April 13, 1863).	
1865	Landscape		Whitmore and McIntyre fence approximately 11 acres for cultivation, build some corrals, and raise cattle at Pipe Spring. Whitmore is cultivating grape vines, peach, apple, and other fruit trees.	PISP CLI_97.doc (Park Service Digital Records), p6.
1866	Dugout		In 1866 Capt. James Andrus was given command of a cavalry company consisting of 62 officers and men and was instructed to examine the country along the Colorado River from the Buckskin Mountain (on the Kaibab Plateau) to the north of the Green River. The expedition left St. George on August 16, 1866, and traveled by way of Gould's Ranch, Pipe Spring, the abandoned settlement of Kanab, Skutumpah, to the Paria River, which they reached in the vicinity of the later site of Cannonville. It may have been at this time (or shortly after) that a stone cabin was constructed at Pipe Spring to be used for periodic encampment by the militia (the north part of what is now known as the east cabin).	McKoy, Cultures at a Crossroads, p. 29.

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1867	Fort		Stone house constructed for periodic encampment (1868: Col. John Pearce arrives with 36 men)	
1868	East Cabin		Built one-half of the two-room East Cabin is constructed for use by the Utah Territorial Militia. In November, the cabin is used as part of an encampment of 36 volunteers.	Pipe Spring Historic District: Pipe Spring National Monument. National Park Service Cultural Landscape Inventory, 2006.
1869	Dugout		Pipe Spring becomes a permanent supply base for the militia. Stone house was repaired by Charles L. Walker, stone cutter and mason, to provide a more suitable guard quarters. Shed constructed to hold sixteen horses.	Administrative History p19
1870	East Cabin	1870	Joseph Young was commissioned to oversee fortified quarters	Administrative History, 27
1871	Fort	1871	The Deseret Telegraph Line is installed and connects Pipe Spring with the Utah territory.	PISP CLI_97.doc (Park Service Digital Records), p7.
1872	Fort	1872	The 40' x 60' stone fort is completed and dubbed "Winsor Castle." The Winsor family continue to develop and improve the site. The two ponds south of the fort may have been built at this time. The family plant apple and plum trees, locate their garden just west of the orchard and surround it with currant bushes. They also plant a field of alfalfa west of the vegetable garden.	PISP CLI_97.doc (Park Service Digital Records), p7.

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1873	Ranch		The Winsor Castle Stock Growing Company is organized as a livestock cooperative and Anson Winsor is the superintendent of the operation.	PISP CLI_97.doc (Park Service Digital Records), p7.
1874	Fort	1874	A partition was added between the center and east rooms of the second floor of the upper building of Winsor Castle.	McKoy, Cultures at a Crossroads, p. 162.
1876	Fort	1885	The cattle herd at Pipe Spring totals 1,983. Beef, butter, and cheese are routinely transported from Pipe Spring to St. George, Utah to supply the crews working on the temple. In the fall, Anson Winsor and his family move to St. George.	PISP CLI_97.doc (Park Service Digital Records), p7.
1877	Ranch		Jan. Charles Pulsipher moves to Pipe Spring to take over the ranching operation. The ranch begins concentrating on beef cattle as the demands for butter and cheese decline. Pulsipher leaves in March 1879.	PISP CLI_97.doc (Park Service Digital Records), p7.
1879	Ranch		The Canaan Stock Growing Company acquires the Pipe Spring cattle herd and assumes management of the ranch through a lease agreement with the Mormon Church. The site is occupied by cowboys and a caretaker.	PISP CLI_97.doc (Park Service Digital Records), p7.
1880	Fort	1880	Flora Wooley, had her husband divert the spring outside the fort.	Parkinson, 1967 in Laird P. Naylor II, Archeological Testing of Spring Developments and Soil Moisture Sources in Association with Deteriorating Masonry of the Pipe Spring Fort (20 April 1995). 3.

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1881	Ranch		The Canaan Stock Growing Company cancel their lease and the Pipe Spring ranch operation is discontinued and the site sits vacant.	PISP CLI_97.doc (Park Service Digital Records), p7.
1882	Ranch		Late in the year, Joseph Gurnsey Brown obtains a lease with the Church and operates the ranch at Pipe Spring until late 1885.	PISP CLI_97.doc (Park Service Digital Records), p7.
1885	East Cabin		Frenchman, Albert Tissander, visits Pipe Spring and sketches the site and its buildings. His sketch includes the fort, east cabin, and corrals.	PISP CLI_97.doc (Park Service Digital Records), p7.
1886	East Cabin	1886	Probably a residence for ranch personnel.	Florence Snow Woolley, In Two Worlds: The Recollections of Florence Snow Woolley, a Pioneer Daughter of Utah's Dixie, 56.
1888	Fort	1888	A telephone is installed in the fort. Numerous trees are planted around the site.	Administrative History, 41.
1890	Fort		May- Sept. Fort restoration project - 2 rooms, north side	Administrative History p27

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1895	East Cabin	1890	Neglected-East Cabin is allowed to deteriorate and is reportedly used as a cow and pigpen by those occupying the Fort.	Landscape Inventory, 2006.
1902	Ranch		Nov. The Pipe Spring Cattle Co. is sold to A.D. Findlay.	PISP CLI_97.doc (Park Service Digital Records), p8.
1907	Ranch		Oct. The Department of Interior creates the Kaibab Reservation and reduces Findlay's land holding to 40 acres surrounding Pipe Spring.	PISP CLI_97.doc (Park Service Digital Records), p8.
1909	Park Politics		A.D. Findlay sells the Pipe Spring property to Jonathan Heaton and his sons. The Heaton family live in Moccasin and keep a caretaker at the ranch.	PISP CLI_97.doc (Park Service Digital Records), p8.
1910	Fort	1910	Charles C. Heaton removed the kitchen and parlor floors from the upper building most likely due to moisture problems	Leonard Heaton, Ruins Stabilization Record Sheet, 1947
1913	Fort	1915	101; South balcony gradually loses its wooden elements, destabilizes, and is later missing entirely. Upper balcony shows similar, but less extensive loss with missing balusters representing most of the damage on the north side.	Photographs: c. 1913-1915; c. 1915 (from PISP505_06Build_FortExterior.pdf) ; Photograph: White Family photos – Pipe Spring Fort 1922; ANDRFA BORNFMFIFR

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1914	Fort	1914	Heatons remove the Crows Nest from the roof of the upper building.	PISP Significant Improvements and Modifications – Historic Structures(Including ownership periods and some historic personages)
1917	Paiute Indians		125,000 acres of land are withdrawn by executive order for the Kaibab Reservation revoking the 1907 order. The entire Township excepting Heaton's 40 acres is placed in the reservation.	PISP CLI_97.doc (Park Service Digital Records), p8.
1920	Park Politics		A ten-year drought beginning in 1922 puts many cattlemen out of business; the Heatons of Moccasin survive the crisis (the "Dust Bowl Era"). Farm and cattle prices plummet after the end of World War I. "During Utah's agricultural depression of the 1920s, a great deal of attention was paid by both politicians and businessmen in campaigns to establish new parks and monuments encompassing the outstanding scenic features of its southern regions. This depression coincided with the birth of auto touring as a national pastime. In the 1920s and 1930s, tourism offered the best hope of reviving depressed agricultural economies. What ensued was a period of extraordinary collaboration between the private, public, and even ecclesiastical spheres, leading to the creation of a number of park units, including Pipe Spring National Monument." [above quote is taken from my draft admin. history]	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1922	East Cabin	1925	Numerous changes are made to the landscape including the removal of fencing and corrals, the addition of a cattle grate, rebuilding rock walls, and grading sites for camping.	
1923	Fort	1923	5/31/23 Establishment of the Monument.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports

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1924	East Cabin	1929	Reconstruction work begins on the East Cabin.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1925	East Cabin	1925	The East Cabin is partially reconstructed.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1926	East Cabin	1926	Reconstruction of the East Cabin is completed. Windows and door frames installed.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1927	Fort	1927	Leonard Heaton began work to restore the fort by reconstructing the stonework over where the old gates used to be, rebuilding and reinstalling the big gates, and by rerouting the spring through the fort.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1928	Fort	1928	3/1/28 RE: Spring, Fort restoration -L. Heaton: "I have just completed the work of finding the [spring] water and getting it to run through the lower house. It is about three times more work than I thought it would be..."	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1929	Fort	1929	L. Heaton reconstructs the West Cabin, based mostly on Pinkley's plans.	Berle Clemensen, Historic Structure Report: Historic Data Section, December 1980, 28, as found in Southwestern Monuments Monthly Reports (Pipe Spring). December 3, 1929

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1930	Fort	1930	After making repairs to the south wing of the upper floor, the Heatons moved into it, and open part of the north wing, upper floor to visitors."We have moved into the upstairs of the lower house this month and find it much more agreeable and pleasant. Also I am glad to say that the upper house will be opened for the people to go through and see this year, with the exception of the west upstairs room which I intend to use to keep some of my things in."	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1931	Visitation		In 1931 visitation dropped by about 90%, to 2,300. [Travel statistics reported in 1954 Master Plan Development Outline; NARA-RM, 4/22/54 memo]	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1932	Landscape		August 1932 report - (LH) on 8/25, 16 cattlemen of the Strip met at PISP to discuss "their troubles and the range conditions." "The people of this section received 10,800 pounds of flour from the Red Cross which will be a great help to some, but if work is not furnished to some they will go hungry or will have to be kept by some charity organization this winter.""I have been wondering if it would be possible to get some of the money that was allowed the Park Service for relief to be used at this monument to improve roads and grounds."	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1933	Landscape		[Dec. '33 report] Civil Works [Administration] Program initiated at PISP; CWA work on monument road, meadow, and tunnel [spring]; discovery during road work of old watering troughs; original bottom of tunnel 2 1/2' lower at one time. Pinkely lauded Heaton's CWP papers as "the best papers that have come out of the field" due to his carefully reading the "pages and pages" of instructions sent out by SW Monuments while others, "so brilliant and so anxious to make dirt fly", didn't read and/or fill out paper work	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports

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1934	Landscape		“Mr. Langley was here... and changed things a bit from the plan I was working on but they will now be more in line with what he wants of the place. I sometimes wonder if Mr. Langley is not using the wrong yard-stick in planning the planting for Pipe Spring. I think we should not depart from the spirit of the Mormon Pioneers which they always made prominent about their settlements, that of removing all undesirable vegetation from around the home and planting it with more attractive trees and flowers. If I got Harry’s idea, he wants sage brush, thistles, unsightly weeds, etc. growing all about the Fort with only small foot paths leading to and from it. I am strongly opposed to such a condition here immediately around the Fort, though I would like to encourage native growth on the other parts of the monument	PISP CLI_97.doc (Park Service Digital Records), p9.
1935	Fort	1935	Heaton moves his family out of PISP to Moccasin so as not to expose his children to "the rough element that always goes with a camp of men." (Heaton, 10/29/37 letter) They remain there until Oct. 9, 1940 when they move into infirmary.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1936	Dugout	1936	Feb. '36 Whitmore-McIntyre dugout discovered during CCC work.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1937	East Cabin	1937	East Cabin: cleaned out and displayed as historic building.	Heaton's Annotated Journal, p. 12.
1938	Fort	1938	SW corner of lower Fort building bulging	Clemensen, Historic Structure Report, p.30- 31.

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1939	Fort	1939	In October, the CCC camp is abandoned, not to be reoccupied.	(from Admin History, pg 291); Journal of Leonard Heaton
1940	East Cabin	1940	By fall, many of the camp buildings at Pipe Spring are removed. HABS drawings and plans are undertaken for the historic buildings.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentation Heaton's reports
1941	East Cabin	1941	East and West cabin roofs refurbished. Bark and dirt removed, replaced with asphalt and clay.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentation Heaton's reports
1942	Ponds and Spring		South wall stabilized. Pointed south wall using cementitious mortar painted with clay mixture.	Intermountain Cultural Resource Center Conservation Program. Pipe Spring National Monument FY96 Stabilization Project Completion Report, Vol. 1. Santa Fe. March. 1997. 2.
1943	East Cabin		Foundation strengthened with concrete.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentation Heaton's reports
1944	Fort	1944	Spring Room: plaster repaired. Spring Room: replaced stone; set in concrete with mortar. S., E., and W. wall of lower Kitchen replastered	Journal of Leonard Heaton

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1945	Fort	1945	5/21 "Made a copy of names and initials left by Indian children on the fort." Names were: "W. Mayo, F. Jake, Bill Tom, Elouse Daye [Elva Drye?], E. Sampson, K. Mcartes, Charlie Chasses, Warren Mayo." [check spelling for all] South entrance had names and initials scratched in plaster and written in lead pencil on the east big gates. Names were scratched on with sticks or rock. Lower half of south gate and little door "pretty well covered." LH planned to remove the writings with sandpaper and water. [This may get a chuckle from any Kaibab Paiutes you have attending the affair, John!]	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1946	Fort	1946	LH starts writing the history of the monument, based in large part on conversations he's had with old-timers visiting the fort.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1947	East Cabin	1948	(April) LH prepares an exhibit of the Bishop Hopkins blacksmith tools in the west cabin; also created exhibit in east cabin.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1948	Fort	1948	Parlor and Kitchen floors replaced.	Heaton's Annotated Journal, p. 53-54.
1949	Fort	1949	New gates and hinges installed in courtyard.	Kathleen L. McKoy, Cultures at a Crossroads: An Administrative History of Pipe Spring National Monument, U.S. Department of the Interior, National Park Service Intermountain Region. Denver.
1950	Fort	1950	Spring, L. Heaton worked on west cabin wall stabilization.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports

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1951	Fort	1951	Walk and Trail Improvement Program - 629 ft. of walkways constructed; network of trails connected fort, ponds, east and west cabins, restrooms, parking area, & campground (2/14/51 report)	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1952	Fort	1952	Cement plaster applied to entire Spring Room	Heaton's Annotated Journal, p. 78-82.
1953	Fort	1953	Spring Room: hollow log trough installed; replaces stone trough.Spring Room: spring flow restored. Fort: 4 reproduction interior doors installed (based on original)	Leonard Heaton, Journal, June 1953.
1954	Ponds and Spring		9/13 LH helped to get the storm-damaged road open for travel, "using shovel & pick." He and Sherwin also "dug up the 2 springs by the fort. Roots plugged up the drain pipe at the northeast corner. I hope it will be OK now for another 4 years. The spring through the fort has stopped. Haven't been able to get it back. The opening outside must have enlarged so that it drains the water off, running in the fort."	Journal of Leonard Heaton

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1955	Fort	1955	3/29 3/29 "Felt the two atomic blasts set off in Nevada today at 6 a.m. and the other at 11 a.m. rattled windows & doors. 8/25 "The BelAir Movie Company came in about 6:30 a.m. today to start filming part of the western picture, "Frontier Scout". There was 2 large trucks of equipment, several smaller ones and under the direction of Howard W. Kock [sp?]. Started filming by 8:30 a.m.. There was a cast of about 24 whites and Indians. Filming [was] done in the courtyard & east side. There was also a number of visitors & local people coming to see the filming. Better than 125 people here."8/26 "More filming of horses & Indian fights around the outside of the fort. The filming completed and all property moved out by 3:30 p.m. Very little damage was sustained at the monument, just the trampling down of weeds & a few bushes & packed ground. No damage to building that I have been able to detect. The place was left pretty clean of litter. A lot better than I expected. I would not want to have any larger filming done here as it could do a lot of damage.... Filming these 2 days brought in more than 250 people."	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1956	Fort	1956	Work begins on the comfort station east of the parking area. The original CCC campground tables and benches are still in use. Lloyd Sandburg begins work as Pipe Spring's first Ranger Historian. A house trailer serves as his residence and is located in the southeast corner of the meadow.	Heaton's Annotated Journal, 99.
1957	East Cabin	1957	East Cabin chimney rebuilt.	Intermountain Cultural Resource Center Conservation Program. Pipe Spring National Monument FY96 Stabilization Project Completion Report, Vol. 1. Santa Fe. March. 1997. 2.
1958	Non-Historic Built Fabric		2/10 PISP's first permanent ranger historian reports for duty, James C. McKown.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports

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1959	Dugout	1959	Stone walls of Fort, cabins, retaining walls, ponds were repointed. Walls pointed with cementitious mortar and stained with clay mix.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1960	Fort	1969	March - McKown completes first draft of monument's "History Handbook."	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1961	Fort	1961	Aug. 28 Robert W. Olsen came on duty as park historian. Continued research on the monument's history. (Completes self-guided tour booklet May, 1962.)	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1962	Fort	1962	5/7 Olsen's day off and out hunting more Powell survey monuments in Cottonwood area.... The tunnel spring outlet pipe partly stopped and tunnel filling with water. Stopped water from division box to see if water will drain from tunnel so we can clean it out."	Heaton's Annotated Report, 157.
1963	Park Politics		Aug. 24 - retirement party held for L. Heaton.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports
1964	Interpretation		Jan. Park scopes out possible route for "Historic Foot Trail" along the stone boat trail.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeaton's reports

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1965	Landscape		A grape arbor was constructed for the historic grape vine. Plum trees are planted to screen the residential and maintenance areas.	PISP CLI_97.doc (Park Service Digital Records), p10.
1966	Corral		July - historic fence [corral], purchased in Dec. '65 from one of the local ranchers, is erected at PISP.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1967	Interpretation		May 27 - Arizona Highway 389 open to public. Fredonia-Hurricane Highway (389) dedication in Fredonia held on 8/5/67. [PISP archives]	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1968	Interpretation		April - Temporary visitor contact station completed at PISP.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1969	East Cabin		A chicken coop is moved to the East Cabin area to be used in the "living ranch."	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1970	Interpretation		heavy emphasis on living history program; use of NYC and "Operation Mainstream" trainees (since summer of 1968)	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports

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1971	Park Politics		Jan-Feb. 1971 - 4 test wells (water) drilled near PISP, with no success.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1972	Interpretation	1974	"The area continues toward its goal of depicting and interpreting the early Mormon Pioneer and his western surroundings, cir. 1870-1890. . .90% of interpretation is dependent on NYC and VIP personnel. Ten NYC girls, dressed in period attire conduct the visitors on the tours [about 40,000 per year]. with NYC boys are used in the gardens, orchards, irrigation and care of live stock. [sic] more mature individuals are used in the VIP program and all wear clothing of the correct period. About 10 women are used in the quilting program, etc. and about 8 men in the cattle roundups consisting of branding. . . [and associated activities]. Four or five roundups are held each year." (PISP Annual Report)	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1973	Non-Historic Built Fabric		New joint-use water system completed	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1974	Fort	1974	PISP picnic area removed; parking area asphalt was removed and trees and other vegetation were planted to obliterate the site.	1996 Stabilization Report, 210.
1975	Interpretation		Glenn O. Clark fills historian position (Wilt transferred to BADL in Nov. 1974). Bicentennial program planned and initiated.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports

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1976	Fort	1976	CETA (Comprehensive Employment Training Act) program workers maintain PISP grounds and assist with interpretive programs; seasonal laborer needed to maintain the "historic" landscape, as obtaining/scheduling NYC labor was "unpredictable," stated Glenn Clark in PISP RMP.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1977	Interpretation		Clark transferred to Virgin Islands NP.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1978	Non-Historic Built Fabric		45-unit campground, completed by K. Paiute (with NPS/SWRO assistance) in 1977, opened approx. 1/4 mi. NE of PISP	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1979	Fort	1979	SW corner of Fort braced with steel columns. Drainage system installed north, west and east ext. Fort walls. Ext. south and east wall of Fort repointed. Two mortar mixes were used at this time - 1) 1.5 parts lime: 1 red clay: 1/4 yellow clay: 2 red sand: 1 pea gravel, and 2) 2.5 parts lime: 1 bentonite clay: 1 sand: 2 pea gravel	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports
1980	Fort	1980	15 residences constructed for Tribe on reservation.	Bernard G. Tracy, Memorandum to Richard A. Borjes, Rocky Mountain Region, "Pipe Spring Restoration Project Progress Report." June 16, 1980. And William Slemmer: Notice to
1981	Landscape		18 fruit trees planted to replace dead or missing ones; 53 new shade trees planted to screen housing/maint. area from historic area & highway.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentationHeatons reports

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1982	Fort	1982	114 new shade trees planted to screen residential/maint. area.	1996 Stabilization Report, 210.
1983	Fort	1983	North and west exterior wall, and courtyard repointed.	1996 Stabilization Report, 210.
1984	Fort	1984	Replaster walls and ceilings. Repaint main Kitchen. Repoint courtyard walls. Upper porch rails and support beams replaced. Courtyard repointed using mortar mix of 2 parts lime: 1 bentonite clay: 1 sand: 2 pea gravel: 6 tablespoons yellow dye: 6 teaspoons red dye.	1996 Stabilization Report, 210. Intermountain Cultural Resource Center Conservation Program. Pipe Spring National Monument FY96 Stabilization Project Completion Report. Vol. 1.
1985	Park Politics		Decreasing spring flow prompts water conservation.	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentation Heatons reports
1986	East Cabin		E. cabin: external walls repointed. Exterior repointed using 2 parts lime: 1 bentonite clay: 1 sand: 2 pea gravel: 6 tablespoons yellow dye: 6 teaspoons red dye.	1986 Superintendent's Annual Report.
1987	Fort	1987	Rebuilt S.E. chimney	1996 Stabilization Report, 211.

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1989	Interpretation		Gary Hasty new Park Manager (5/7/89 - ca. 1993)	CHRONOLOGY OF IMPORTANT EVENTS, PIPE SPRING NATIONAL MONUMENT, Kathy McKoy , 4/21/98 , For Use in 75th Anniversary exhibit & presentation Heaton's reports
1990	Fort	1990	Mortar Joints and rocks are cracking, walls are bulging, and there is evidence of moisture seeping through the walls. The loose rock should be remortared and repointed.	PISP Significant Improvements and Modifications – Historic Structures(Including ownership periods and some historic personages)
1991	East Cabin	1999	NPS undertakes several improvement projects including: repair of the West Cabin (back and west side wall fell in), replacement of East Cabin roof, archaeology project behind the East Cabin, installation of lightning rods on the Fort, re-roofing of the Fort and rebuilding of sandstone walks in front of the East and West Cabins (1997).	Landscape Inventory, 2006.
1993	Fort	1994	Windows stripped, glazed and painted	PISP Significant Improvements and Modifications – Historic Structures(Including ownership periods and some historic personages)
1994	Fort	1995	Install half-round gutters and drain system in courtyard	PISP Significant Improvements and Modifications – Historic Structures(Including ownership periods and some historic personages)
1995	Fort	1995	Repointed cracks in the interior back wall, interior fireplaces, and the southeast corner using a mortar mix of 2 parts sand: 8 dirt: 1 cement: 2 lime. Removed bentonite clay from roof and replaced it with local soil.	1995 photographs: PostRepair95.pdf. Pipe Spring archives. "Kirby Matthew repairing rotten wood in one of the Fort courtyard posts."

START	LOCATION	END	EVENT	SOURCE
1996	Fort	1996	W. cabin repointed	"1996 Installation of Gutters and Downspouts on Winsor Castle." Historic Preservation Maintenance Completion Report
1997	East Cabin	1997	The East Cabin was reroofed and repointed. The new roof was designed to maintain the historic integrity of the cabin and yet provide a structurally safe setting for visitors fully entering at least the northern room.	1997 repair and replace the north and south porch decking at Winsor Castle." Historic Preservation Maintenance Completion Report. PMIS Number: PISP-97-002. March 1997
1998	East Cabin	1998	Flagstone walkways adjacent to the front side of West Cabin, which were previously inappropriately canted such that rainwater flowed toward the historic structures rather than away, were replaced with correctly built walkways	PISP Significant Improvements and Modifications – Historic Structures(Including ownership periods and some historic personages)
1999	Fort	1999	Spring and Cheese Rooms replastered	"1999 repair plaster surfaces of Winsor Castle's Cheese Room and Spring Room." PISP Preservation Maintenance Completion Report, Pipe Spring National Monument, 1999.
2000	Fort	2000	Repointing of masonry	"2000 replace and repair north porch decking on Winsor Castle," Historic Preservation Maintenance Completion Report.
2002	East Cabin	2002	Replaced corral fence (new posts), north corral beside E. Cabin.	"2002 Replace Deteriorated Section of Winsor Castle's Catwalk," Historic Preservation Maintenance Completion Report,

START	LOCATION	END	EVENT	SOURCE
2003	East Cabin	2003	Masonry walls repointed where needed at the East and West Cabins.	Cyclic Repointing of Masonry on Winsor Castle (HS-01) and East Cabin (HS-02) at PISP & Repair of
2004	Fort	2004	105; Wiring from electric box at fort into spring and cheese rooms placed in conduit.	PISP Significant Improvements and Modifications – Historic Structures(Including ownership periods and some historic personages)
2005	Fort	2005	repointed interior and exterior,	Historic Preservation Maintenance Completion Report Pipe Spring National Monument Project Title: cyclical repairs of the West Cabin’s wood surfaces . 116844A (PISP-2006-01). 2006.
2006	East Cabin	2007	The wood surfaces of both the interior and exterior of the East Cabin were repainted, treated and repaired as needed.	Aug 5- Sept 16 FMSS WO#: 647945, PMIS project #: 96680A: Reline Pond Bottom
2007	Fort	2007	<p>- Feb - The ponds have a major leakage problem which needs to be repaired. However, this will take a major project for which there are currently no funds. As a temporary fix, the ponds have to be drained, and more bentonite clay of a finer grade added to the pond floor to hopefully slow/halt the leak.</p> <p>-The bentonite was added, and didn't work. The ponds still leaked heavily.</p> <p>-May -New try. A trench will be dug outside of the pond walls, about 3 1/2 feet deep, 18-24 in wide, 65 ft long, at least 4 feet away from the walls. Leach rock will be dumped into the trench to act as a catch basin for the water leaking out of the ponds.</p> <p>-July - The trench only partially worked. The ground on the north side of the walk is no longer marshy, but the ground on the south side of the walk is still very marshy. The trench location was GPS'd by ZION.</p>	“Emergency Stabilization of East Gateway of Winsor Castle (HS-01),” Historic Preservation Maintenance Completion Report, 2007.

START	LOCATION	END	EVENT	SOURCE
2008	Fort	2009	REPOINTING: The interior of the West Cabin primarily required spot touch ups since there was not too much damage to the existing joints. All of the interior walls had areas that required some repointing but the back wall required the most work. The wall is built into the hill and therefore has more moisture which accelerates the deterioration of the mortar.	Historic Preservation Maintenance Completion Report Pipe Spring National Monument Project Title: Cyclic repointing of the West Cabin (Work Order: 855956). 2008
2009	East Cabin	2009	Apply Boracare to unpainted wood surfaces (interior and exterior) of East Cabin, HS-02	"2009 Repair of Winsor Castle North and South Building Porch Floor Boards," Historic Preservation Maintenance Completion Report. PISP-2009-002
2010	Trail		Interior Walls repointed	Rockfall on Ridge Trail-03-10.docx (Park Service Digital Records)
2012	Fort	2012	101; Copper gutter and downspout system installed.	