APPENDIX 4b



June 17, 2019

Kaitlyn Dodson Tom Dodson and Associates 2150 N. Arrowhead Avenue San Bernardino, CA 92405

Re: Addendum to Historic Property Identification and Evaluation Report Weldon Regional Water System Improvement Project Weldon Area, Kern County, California CRM TECH Project No. 3238B

Dear Ms. Dodson:

At your request, we have completed an intensive-level archaeological survey on approximately 13 acres of undeveloped land that have been added to the Area of Potential Effects (APE) for the undertaking referenced above. The additional APE consists of two alternative locations for the proposed Kelso Valley (KV) Tank Site and an associated access route for each. The original KV Tank Site is located on the northern tip of a rugged hill on the south side of State Route 178, between Kelso Valley Road and Paul's Place Drive, while the two alternatives are located on the western and eastern slopes of the same hill (Figure 1). All three of the sites lie within the southwest quarter of Section 14, T26S R34E, Mount Diablo Baseline and Meridian (Figure 1).

Background

As you know, the original KV Tank Site was included in our 2018 study for the proposed undertaking (Tang et al. 2018), which covered a total of 28 acres and 61,200 linear feet of pipeline alignment. As a result of the study, two large archaeological sites, subsequently designated 15-019603 (CA-KER-10732H) and 15-019606 (CA-KER-10733), were recorded as lying partially within the boundaries of the original KV Tank Site.

15-019603, a historic-period site, consists of the remains of a mill that was in operation during the mid-20th century in conjunction with mining activities in the nearby Weldon Tungsten District. 15-019606, a prehistoric—i.e., Native American—site, was recorded at that time as a cluster of 30 bedrock milling features with a total of 48 grinding slicks and 39 mortars, along with a possible rock shelter and two lithic artifacts found on the surface (Tang et al. 2018:17-18).

At the completion of 2018 study, it was concluded that both of these sites had the potential to meet the definition of "historic properties," "historical resources," or "tribal cultural resources," as outlined by Section 106 of the National Historic Preservation Act and the California Environmental Quality Act (CEQA; Tang et al. 2018:21). Therefore, our report recommended that the KV Tank Site be relocated to avoid impact on 15-019603 and 15-019606 (*ibid*.:22). If physical impact could not be avoided, additional research procedures would become necessary to evaluate their historic

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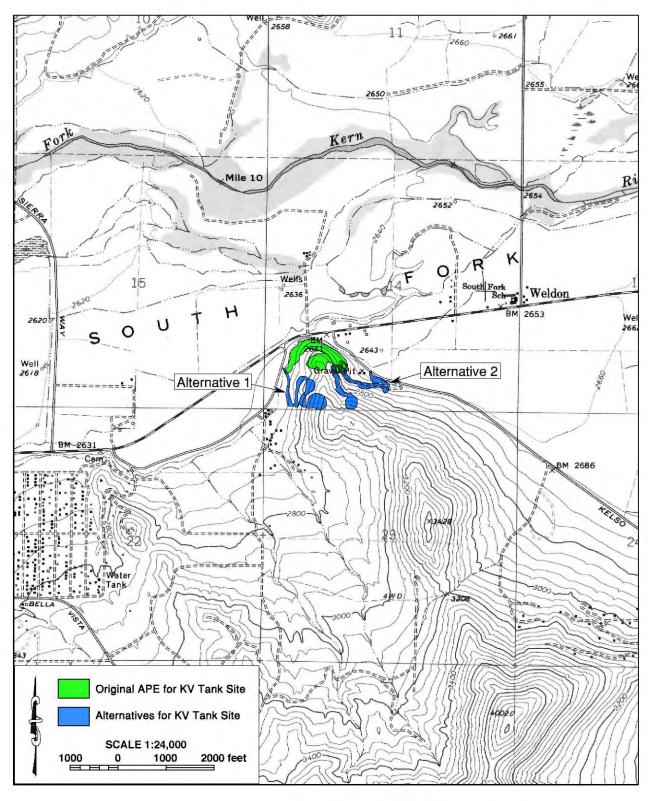


Figure 1. Original and alternative sites for the KV Tank. (Based on USGS Weldon, Calif., 7.5' quadrangle, 1985 edition)

significance properly, including focused historical background research on 15-019603 and archaeological testing at 15-019606 (*ibid*).

The two alternatives for the KV Tank Site represent the results of redesign efforts by the project proponent to avoid any potentially adverse effect on 15-019603 and 15-019606. As an addendum to the 2018 report, the current study was implemented to identify any "historic properties," "historical resources," or "tribal cultural resources" that may be present within the additional APE and thus may be affected by construction activities at either of the alternative locations. The methods, results, and final conclusion of the study are presented in the section below.

RESEARCH PROCEDURES

The archaeological fieldwork at the alternative KV Tank Sites was carried out under the direction of CRM TECH principal Michael Hogan, Ph.D., and the supervision of field director Daniel Ballester, M.S. Project archaeologists Matthew Wetherbee, Msc., and John D. Goodman II, M.S., served as field crew members. Native American monitors Robert Robinson and Hanna Reed from the Kern Valley Indian Council also participated in the fieldwork.

The preliminary footprints of both alternative sites were surveyed at an intensive level on November 20, 2018. Once Alternative 2 was selected based on the results of the survey and its final footprint was delineated, a second survey was conducted on that alternative on April 15, 2019. On both occasions, the field team walked 15-meter (approximately 50-foot) transects oriented east-west or north-south at the tank sites and along either side of the access routes. In this way, the ground surface in the entire additional APE was systematically and carefully examined for any evidence of human activities dating to the prehistoric or historic period (i.e., 50 years ago or older).

Ground visibility ranged from poor (10-50%) to fair (approximately 70%), depending on the density of vegetation growth. Based on past archaeological discoveries in the region, an emphasis was put on the identification of prehistoric bedrock milling features, and all boulder outcrops within the additional APE were closely inspected. Edges of slopes, banks of erosional cuts, rodent burrows, and soil indentations were examined for any indication of buried cultural remains.

When artifacts or features were discovered, their locations were marked with survey pin flags. Upon completion of the survey, the areas around these features and artifacts were re-visited and re-inspected at further intensity, and the findings were photographed, mapped, and entered into the geographic information system. The field data were then compiled into standard site record forms for submittal to the Southern San Joaquin Valley Information Center and inclusion in the California Historical Resource Information System (see Appendix).

RESULTS AND FINDINGS

Results of the field survey indicate that both 15-019603 and 15-019606 remain partially within the additional APE (Figure 2). Besides these two previously recorded sites, an additional bedrock milling feature and two prehistoric isolates—i.e., localities with fewer than three artifacts—were also identified within the addition to the APE, while two more bedrock milling features were found outside but close to the APE boundaries (Figure 2). The five sites and two isolates encountered during this survey are discussed further below.

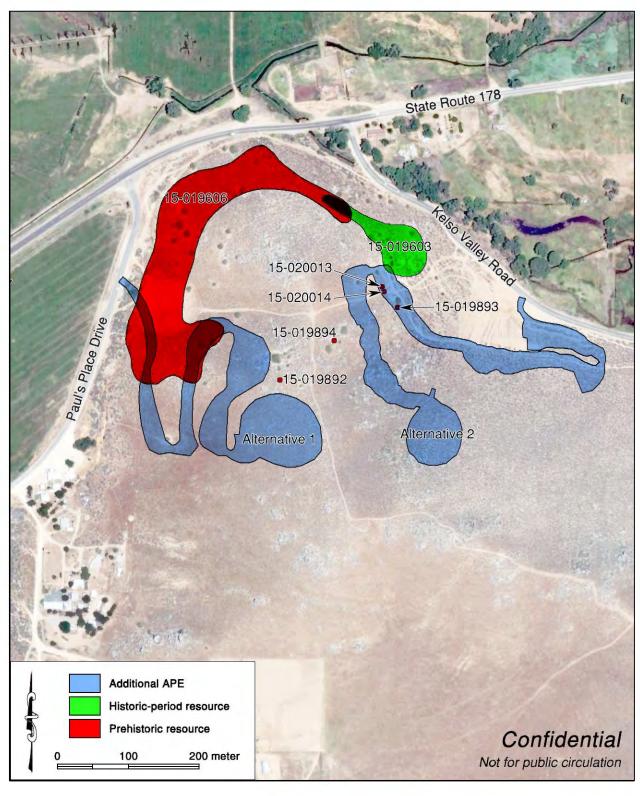


Figure 2. Location of archaeological sites and isolates recorded in and near the alternative sites for the KV Tank (confidential).

Site 15-019603 (CA-KER-10732H)

15-019603, the late-historic-period mill site, was recorded during the 2018 study as consisting of seven concrete pads/foundations, several refuse and lumber scatters, and the remains of three parallel wood-and-metal chutes, wooden stairs, and a small reservoir (Tang et al. 2018:17). During the current study, a small portion of the site was found to extend into the perimeters of Alternative 2, along the proposed access route (Figure 2), but none of the features or artifact concentrations recorded in 2018 is inside the revised APE.

Site 15-019606 (CA-KER-10733)

As a result of this study, additional bedrock milling features and surface artifacts were observed within the portion of the APE associated with Alternative 1, across the lower reach of the proposed access route (Figure 2). These newly recorded features and artifacts, located across some 50 meters of disturbed land to the southwest of the previously established perimeter of 15-019606 (see Appendix), was subsequently designed Locus 3 of the site. Among them are 22 granitic bedrock boulders with a total of 42 grinding slicks and 7 visible mortars, 14 obsidian flakes, and 1 possible groundstone fragment (Figure 3; see Appendix for further details).

Measuring approximately 133x80 meters, Locus 3 is the largest among the three known loci, and there are indications of possible subsurface cultural deposits around some of the bedrock milling features, such as midden soil. Altogether, Site 15-019606 now contains 52 bedrock milling features with 90 slicks and 46 mortars, along with 15 obsidian flakes, 1 obsidian point fragment, 1 shell fragment, and 1 possible groundstone fragment.

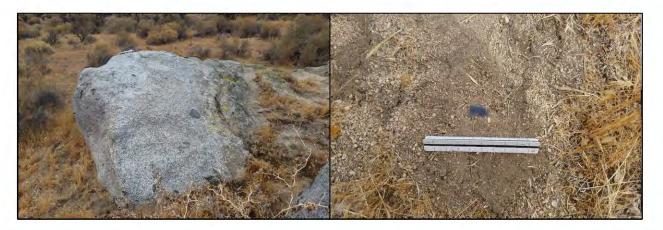


Figure 3. Prehistoric cultural remains at Locus 3 of Site 15-019606. *Left*: bedrock milling feature (Feature 42); *right*: obsidian flake. (Photographs taken on November 20, 2018)

Sites 15-019892 to 15-019894 (CA-KER-10890 to CA-KER-10892)

Sites 15-019892, 15-019893, and 15-019894, represent three previously unrecorded bedrock milling features identified during this study. The boulder at 15-019893 exhibits three grinding slicks (Figure 4), while the boulders at 15-019892 and 15-019894 each contain a single slick (see Appendix for further details). These isolated milling features were found at or near the top of the hill, at higher elevations than the clusters of milling features recorded at 15-019606. Among them, 15-019893 lies



Figure 4. Site 15-019893. *Left*: bedrock milling feature (Feature 1); *right*: grinding slick. (Photographs taken on April 15, 2019)

within the APE for Alternative 2, while 15-019892 and 15-019894 are located between the two alternatives (Figure 2). No surface artifacts were observed around the milling features at these sites.

Isolates 15-020013 and 15-020014

The two prehistoric isolates are both located in the portion of the APE for Alternative 2, along the proposed access route (Figure 2). 15-020013 represents a secondary obsidian flake, and 15-020014 is a gray metavolcanic core fragment (Figure 5; see Appendix for further details).



Figure 5. Prehistoric isolates found within Alternative 2. *Left*: 15-020013; *right*: 15-020014. (Photographs taken on April 15, 2019)

DISCUSSION

In summary, two previously recorded archaeological sites, three newly identified sites, and two isolates are known to be located within, partially within, or near the additional APE (Figure 2), as listed below:

15-019603 (CA-KER-10732H) Historic-period mill site, ca. 1940s-1960s 15-019606 (CA-KER-10733) Large group of bedrock milling features with lithic artifacts 15-019892 (CA-KER-10890) Bedrock milling feature 15-019893 (CA-KER-10891) Bedrock milling feature 15-019894 (CA-KER-10892) Bedrock milling feature 15-020013 Lithic flake 15-020014 Lithic core fragment

In light of the preliminary findings of this survey, the project proponent has selected Alternative 2 on the eastern slope of the hill for the construction of the KV Tank and the access road, while the original KV Tank Site on the northern slope and Alternative 1 on the western slope are no longer under consideration for the undertaking. Given the current footprint of the undertaking at this location (Figure 2), three of the five sites, namely 15-019606, 15-019892, and 15-019894, will not receive any impact from the proposed undertaking and thus require no further consideration during this study.

One of the newly recorded bedrock milling feature sites, 15-019893, and both of the isolates are located within the portion of the APE associated with the access route for Alternative 2 and will be impacted by the undertaking as currently proposed. None of these localities, however, appears to meet the definition of a "historic property," "historical resource," or "tribal cultural resource." The isolates, by definition, do not qualify as archaeological sites due to the lack of contextual integrity. Therefore, they do not constitute potential "historic properties," "historical resources," or "tribal cultural resources," and require no further study.

Site 15-019893 consists of a granitic boulder with three grinding slicks. Unlike the large, concentrated groups of milling features with deep mortars at Site 15-019606, isolated bedrock milling features with only lightly used slicks are generally indicative of temporary, opportunistic resource processing activities and may result from as few as one single use. They do not represent areas of long-term habitation or repeated visits by the native population, and subsurface excavations at similar sites in the past typically did not encounter a substantial subsurface component. As such, Site 15-019893 does not hold the promise for any new or important archaeological data and does not appear to qualify as a "historic property," "historical resource," or "tribal cultural resource."

At Site 15-019603, the historic-period mill site, a small area within the previously established site boundary will be impacted by proposed slope adjustment along the access road, but none of the features or artifacts recorded at the site is located in that area, although some of the structural remains are in close proximity. At this time, Site 15-019603 may be presumed to be significant for the purpose of this undertaking, as the undertaking will have no effect on the contributing elements of the site pursuant to 36 CFR 800.16(i) and Calif. PRC §21084.1. However, if any of the contributing elements becomes subject to disturbance due to future revisions to the project plans, Site 15-019603 will need to be formally evaluated.

CONCLUSION AND RECOMMENDATIONS

Based on the information and analysis summarized above, and in consultation with representatives of the Kern Valley Indian Council, we would like to present the following recommendations to ensure compliance with Section 106 and CEQA provisions by the proposed undertaking:

- Among the structural remains and artifact deposits previously recorded at Site 15-019603, those
 located closest to the access route for Alternative 2 should be protected in a designated
 Environmentally Sensitive Area (ESA) and clearly demarcated in the field during construction to
 prevent inadvertent impact.
- If project plans undergo any changes that may result in potential effects on the archaeological features or artifact deposits at Sites 15-019603 or 15-019606, additional research procedures will be needed to evaluate their historic significance properly, as recommended in the 2018 study (Tang et al. 2018:22).
- All earth-moving operations associated with the construction of the KV Tank and the associated access road should be monitored by a qualified archaeologist and a representative of the Kern Valley Indian Council to ensure proper protection of Site 15-019603 and the timely identification and evaluation of any subsurface cultural remains.
- If possible, the bedrock milling feature at Site 15-019893 should be moved to a location outside the construction footprint for the access road for preservation.
- Under these conditions, the construction of the KV Tank and the access road may be cleared to proceed in compliance with provisions of Section 106 and CEQA on cultural resources.

Thank you for this opportunity to be of service. If you have any questions regarding the research results outlined in this letter report or need any further information, please do not hesitate to contact our office.

Sincerely,

Bai "Tom" Tang, M.A. Principal, CRM TECH

REFERENCES CITED

Tang, Bai "Tom," Deirdre Encarnación, Daniel Ballester, and Nina Gallardo
 2018 Identification and Evaluation of Historic Properties: Weldon Regional Water System
 Improvement Project, Weldon Area, Kern County, California. On file, Southern San Joaquin
 Valley Information Center, California State University, Bakersfield.

APPENDIX

CALIFORNIA HISTORICAL RESOURCES INVENTORY RECORD FORMS

(Confidential)

State of California - Natural Resources Agency
DEPARTMENT OF PARKS AND RECREATION
HRI #_______
Trinomial CA-KER-10733 (update)

CONTINUATION SHEET

Property Name:
Page 1 of 5

Recorded by_	D.	Ballester	and N	ⅆ.	Wetherbee	Date	Nov.	20,	2018	Continuation		_Update
Form Prepare	d by	D. Balles	ster			Date	Dec.	12,	2018			
Affiliation:	CRM	TECH, Colt	on			_		Proje	ct No:	CRM TECH 32	38	

This site was first recorded on January 5, 2018, as a cluster of 30 bedrock milling features with a total of 48 grinding slicks and 39 mortars, along with a possible rock shelter and two lithic artifacts found on the surface. Most of the cultural remains were concentrated in two loci in the eastern and western portions of the site.

On November 20, 2018, additional bedrock milling features and associated surface artifacts were observed during an intensive-level field survey in the adjacent area to the southwest of the established site perimeter. The newly recorded features and artifacts, subsequently added to the site as Locus 3, include 22 granitic bedrock boulders with a total of 42 grinding slicks and 7 visible mortars, 14 obsidian flakes, and 1 possible groundstone fragment. Measuring approximately 133x80 meters, Locus 3 is the largest among the three known loci, and there are indications of possible subsurface cultural deposits around some of the bedrock milling features, such as midden soil.

Altogether, Site 15-019606 now contains 52 bedrock milling features with 90 slicks and 46 mortars, along with 15 obsidian flakes, 1 obsidian point fragment, 1 shell fragment, and 1 possible groundstone fragment. The site covers an area of approximately 7.6 areas, extending along the northern and western bases of a hill covered with granitic outcrops. These features and artifacts were recorded during archaeological surveys for a project that has since been redesigned to avoid impact to the site. If any future project will potentially affect the integrity of 15-019606, further archaeological investigations, including subsurface testing, will be necessary to evaluate the significance of the site properly.

Report Citation:

Bai "Tom" Tang

2019 Addendum to Historic Property Identification and Evaluation Report, Weldon Regional Water System Improvement Project, Weldon Area, Kern County, California

HRI#

Trinomial CA-KER-10733 (update)

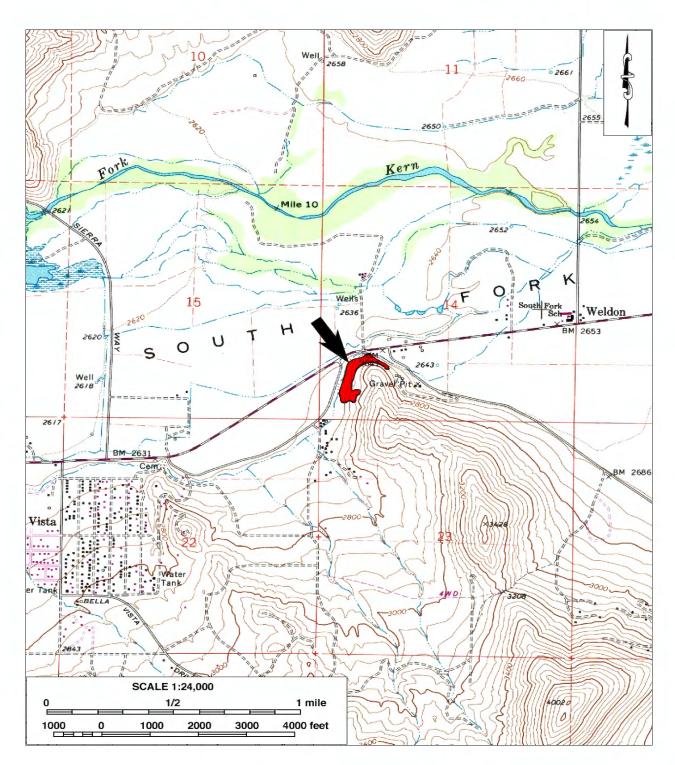
Page 2 of 5

*Resource Name or # (Assigned by recorder)

*Map Name: Weldon, Calif.

***Scale**: 1:24,000

*Date of Map: 1972/1985

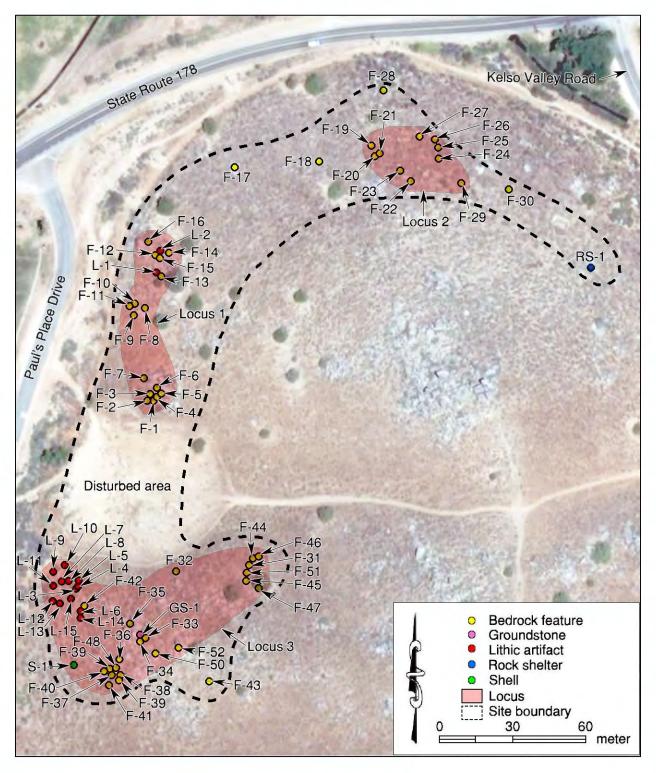


Trinomial CA-KER-10733 (update)

Page 3 of 5
*Drawn by: Daniel Ballester

*Resource Name or # (Assigned by recorder)

*Date of map: December 12, 2018



State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary # 15-019606 (update)
HRI #
Trinomial CA-KER-10733 (update)

Page 4 of 5

*Resource Name or # (Assigned by recorder)

Form Prepared by: Daniel Ballester Date: December 12, 2018

Feature	Outcrop [Dimer	nsions (m) and Or	<u>ientation</u>	Bedrock Type and Condition
31	3.6 (E-W)	x	2.9 (N-S)	_ x Height 0.9	Granite; good condition
32	3.7 (N-S)	x	3.0 (E-W)	x Height 1.7	Granite; good condition
33	3.5 (N-S)	x	2.7 (E-W)	x Height 3.2	Granite; good condition
34	2.9 (N-S)	X	1.8 (E-W)	x Height 0.9	Granite; good condition
35	1.7 (N-S)	X	1.0 (E-W)	x Height 0.7	Granite; good condition
36	4.1 (N-S)	X	3.0 (E-W)	x Height 1.2	Granite; good condition
37	3.1 (N-S)	x	1.5 (E-W)	x Height 1.6	Granite; good condition
38	5.5 (E-W)	X	1.8 (N-S)	x Height 0.1	Granite; good condition
39	3.0 (E-W)	x	2.6 (N-S)	x Height 0.5	Granite; good condition
40	2.5 (N-S)	X	2.6 (E-W)	x Height 0.9	Granite; good condition
41	2.9 (N-S)	x	1.4 (E-W)	x Height 0.9	Granite; good condition
42	3.7 (N-S)	X	3.0 (E-W)	x Height 1.7	Granite; good condition
43	2.7 (E-W)	X	2.6 (N-S)	x Height 2.6	Granite; good condition
44	4.5 (N-S)	x	2.5 (E-W)	x Height 1.0	Granite; good condition
45	2.0 (E-W)	X	1.3 (N-S)	x Height 1.6	Granite; good condition
46	2.7 (E-W)	x	1.6 (N-S)	x Height 0.9	Granite; good condition
47	3.2 (E-W)	x	2.6 (N-S)	x Height 1.2	Granite; good condition
48	4.6 (E-W)	X	2.3 (N-S)	x Height 0.4	Granite; good condition
49	2.7 (E-W)	x	1.5 (N-S)	x Height 1.3	Granite; good condition
50	6.8 (E-W)	x	5.7 (N-S)	x Height 2.9	Granite; good condition
51	1.8 (E-W)	x	1.2(N-S)	x Height 1.9	Granite; good condition
52	4.2 (N-S)	Х	3.0 (E-W)	x Height 2.2	Granite; good condition

Feature #	Milling Surface #	Туре	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
31	S1	MS	20	20	0		Polished
31	S2	MS	20	15	0		Polished
31	S3	MS	55	30	0		Polished
31	M1	CO	12	12	3		Polished
31	M2	CO	14	14	4		Polished
31	М3	CO	8	8	2		Polished
32	S1	MS	25	20	0		Polished
32	S2	MS	30	25	0		Polished
33	S1	MS	30	30	0		Polished
34	S1	MS	20	20	0		Polished
35	S1	MS	20	20	0		Polished
36	S1	MS	50	30	0		Highly polished
36	S2	MS	35	30	0		Highly polished
36	S3	MS	20	20	0		Highly polished
36	S4	MS	10	10	0		Highly polished
36	S5	MS	30	30	0		Polished
36	S6	MS	30	30	0		Polished

(Continued on p. 5)

	Type Key:	Contents Key:			
CO Conical mortar	PM Possible Mortar	S Filled with soil	R Contains rock		
OM Oval mortar	MS Milling slick	L Filled with leaves	P Contains pestle		
SM Saucer mortar	BM Basin milling feature	U Unexcavated	M Contains mano		
Other:		Other:			

State of CaliforniaThe Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary # 15-019606 (update)
HRI # CA-KER-10733 (update)

Page 5 of 5

*Resource Name or # (Assigned by recorder)_

Form Prepared by: Daniel Ballester Date: December 12, 2018

Feature #	Milling Surface #	Туре	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
37	S1	MS	15	10	0		Polished
38	S1	MS	120	65	0		Polished
39	S1	MS	35	30	0		Polished
39	S2	MS	20	10	0		Polished
39	S3	MS	30	30	0		Polished
39	S4	MS	40	30	0		Polished
39	S5	MS	45	30	0		Polished
40	S1	MS	13	13	0		Polished
40	S2	MS	40	30	0		Polished
41	S1	MS	46	25	0		Polished
42	S1	MS	25	20	0		Highly polished
42	S2	MS	30	25	0		Highly polished
43	S1	MS	25	25	0		Highly polished
44	M1	CO	16	16	4		Polished
45	S1	MS	25	25	0		Highly polished
45	M1	CO	5	5	1		Polished
46	M1	CO	15	15	3		Polished
47	S1	MS	30	20	0		Polished
48	S1	MS	40	30	0		Highly polished
49	S1	MS	50	30	0		Highly polished
49	S2	MS	20	20	0		Highly polished
50	S1	MS	90	50	0		Highly polished
50	S2	MS	15	15	0		Highly polished
51	S1	MS	15	15	0		Highly polished
52	S1	MS	60	30	0		Highly polished
52	S2	MS	20	20	0		Highly polished
52	S3	MS	20	20	0		Highly polished
52	S4	MS	25	25	0		Highly polished
52	S5	MS	30	30	0		Highly polished
52	S6	MS	20	20	0		Highly polished
52	S7	MS	40	30	0		Highly polished
52	S8	MS	30	30	3		Polished
52	M1	CO	10	10	3		Polished
		-					

Т	ype Key:	Co	ntents Key:
CO Conical mortar	PM Possible Mortar	S Filled with soil	R Contains rock
OM Oval mortar	MS Milling slick	L Filled with leaves	P Contains pestle
SM Saucer mortar	BM Basin milling feature	U Unexcavated	M Contains mano
Other:	•	Other:	

	CaliforniaThe Resources Agency Primary #15-019892
	TMENT OF PARKS AND RECREATION HRI#
PRIM	IARY RECORD Trinomial CA-KER-10890
	NRHP Status Code 7
	Other Listings Review Code Reviewer Date
Page 1	*Resource Name or # (Assigned by recorder) CRM TECH 3238-5
. ugu	1. Of a process of the process of th
P1.	Other Identifier:
*P2.	Location: √ Not for Publication Unrestricted *a. County Kern and (P2b and P2c or P2d. Attach a Location Map as necessary.) *b. USGS 7.5' Quad Weldon, Calif. Date 1972, photorevised 1985 T26S; R34E; NE 1/4 of SE 1/4 of SW 1/4 of SW 1/4 of Sec 14; S.B. B.M. Elevation: Approximately 2,935 feet above mean sea level c. Address N/A City Weldon Zip 93283 d. UTM: (Give more than one for large and/or linear resources) Zone 11; 381,945 mE/ 3,947,113 mN UTM Derivation: USGS Quad √ GPS (NAD 83) e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) The site is located on the western slope of a hill covered with granitic bedrock outcrops, approximately 860 feet east of Paul's Place Drive and 1,175 feet south of State Route 178. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) The site consists of granitic bedrock boulder with a
*P3b.	setting, and boundaries) The site consists of granitic bedrock boulder with a milling slick on it. No surface artifacts were observed around the milling feature. Resource Attributes: (List attributes and codes) AP4: Bedrock milling features
1 35.	Nesource Attributes. (List attributes and codes) At 4. Bedfock militing features
*P4.	Resources Present: Building Structure Object √ Site District Element of District Solate Other
P5a.	Photograph or Drawing (Photograph required for buildings, structures, and objects.)
P5b.	Description of Photo: (view, date, accession #)
*P6.	Date Constructed/Age and Sources: Historic Both
*P7.	Owner and Address: Unknown
*P8.	Recorded by: (Name, affiliation, and address) Daniel Ballester and Matthew Wetherbee, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324
*P9.	Date Recorded: November 20, 2018
*P10.	Survey Type: (Describe) Phase I intensive-level survey
*P11.	Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang (2019): Addendum to Historic Property Identification and Evaluation Report, Weldon Regional Water System Improvement Project, Weldon Area, Kern County, California
	ments: None √ Location Map √ Sketch Map Continuation Sheet Building, Structure, and Object Record Archaeological Record District Record Linear Resource Record √ Milling Station Record Rock Art Record Artifact Record Photograph Record Other (List):

State of California--The Resources Agency DEPARTMENT OF PARKS AND RECREATION

92324

Primary # 15-019892 Trinomial CA-KER-10890

ARCHAEOLOGICAL SITE RECORD *Resource Name or # (Assigned by recorder) CRM TECH 3238-5 Page 2 of 5 A1. **Dimensions:** a. Length 8 m (N-S)**b. Width** 8 m (E-W) Visual estimate Method of Measurement: Paced √ Taped Other: Method of Determination (Check any that apply.): Artifacts √ Features Soil Vegetation Cut bank Animal burrow Excavation Property boundary Other (Explain): Reliability of Determination: High √ Medium Low Explain: Limitations (Check any that apply): Restricted access Paved/built over Site limits incompletely defined Disturbances Vegetation Other (Explain): A2. None √ Unknown Method of Determination: *A3. **Human Remains:** Present √ Absent Possible Unknown (Explain): Features: (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each *A4. feature on sketch map.) This site consists of a granitic bedrock milling feature with a single milling slick. The boulder measures approximately 7.5x5.0x1.2 m in size, and the slick measures approximately 30x30 cm, with a light polish. *A5. Cultural Constituents: (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) None Were Specimens Collected? √ No Yes (If yes, attach Artifact Record or catalog and identify where *A6. specimens are curated.) **Site Condition:** Good √ Fair Poor (Describe disturbances.): *A7. *A8. Nearest Water (Type, distance, and direction.): The South Fork Kern River is located approximately 4,860 feet to the north. **Elevation:** Approximately 2,935 feet above mean sea level *A9. Environmental Setting The site is located on the western slope of a hill that is A10. covered with granitic bedrock outcrops. Vegetation in the area includes junipers, tumbleweeds, foxtails, and various small grasses and shrubs that are typically found in the Sierra Nevada foothills. The surface soil consists of fine- to coarse-grained sands and gravels from decomposing granite. A11. **Historical Information:** *A12. **Age:** √ Prehistoric Protohistoric 1542-1769 1769-1848 1848-1880 1880-1914 1914-1945 Post 1945 Undetermined Describe position in regional prehistoric chronology or factual historic dates if A13. Interpretations: (Discuss scientific, interpretive, ethnic, and other values of site, if known) Unlike the large, concentrated groups of milling features with deep mortars at Site 15-019606 along the northern base of the same hill, isolated bedrock milling features like this, with only lightly used slicks, are generally indicative of temporary, opportunistic resource processing activities and may result from as few as one single use. They do not represent areas of long-term habitation or repeated visits by the native population, and subsurface excavations at similar sites in the past typically did not encounter a substantial subsurface component. A14. Remarks: The site was recorded during an archaeological field survey for a project that will not impact this milling feature. A15. References: (Documents, informants, maps, and other references.): See Item P11. Photographs: (List subjects, direction of view, and accession numbers or attach a Photograph Record.): A16. Original Media/Negatives Kept at: CRM TECH, Colton, California *A17. Form Prepared by: Daniel Ballester Date: December 12, 2018

DPR 523A (1/95) *Required information

Affiliation and Address: CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton,

Primary # 15-019892 HRI #

Trinomial CA-KER-10890

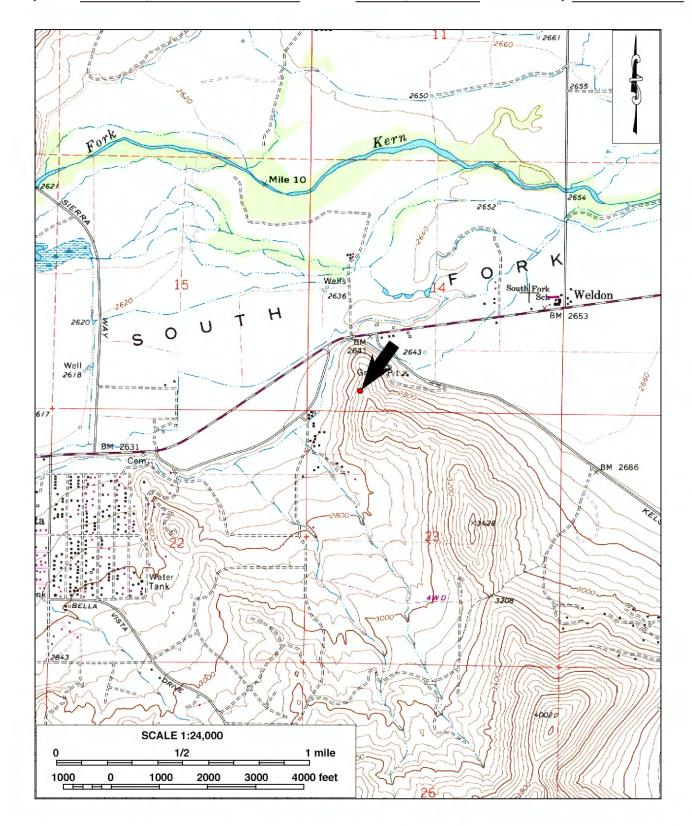
Page 3 of 5

*Resource Name or # (Assigned by recorder) CRM TECH 3238-5

*Map Name: Weldon, Calif.

***Scale:** 1:24,000

*Date of Map: 1972/1985



Primary # 15-019892

HRI#___

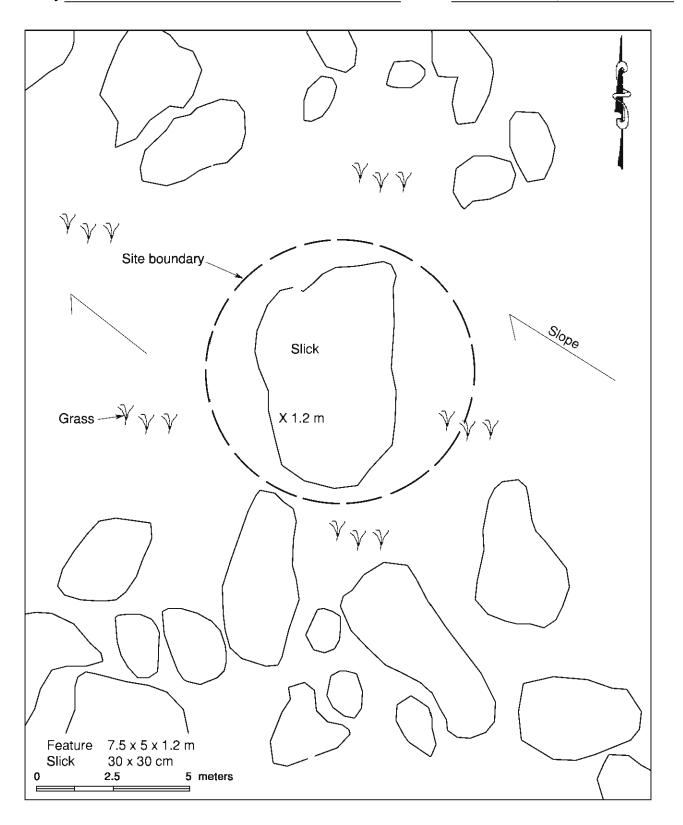
Trinomial CA-KER-10890

Page 4 of 5

*Resource Name or # (Assigned by recorder) CRM TECH 3238-5

*Drawn by: Daniel Ballester

*Date: November 20, 2018



State of CaliforniaThe Resources Age	ency Primary #	15-019892
DEPARTMENT OF PARKS AND RECRE	ATION HRI#	
MILLING STATION RECC	RD Trinomial	CA-KER-10890
Davis E of E	*D	1 \ anı, ==a

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Form Prepared by:	D	Ballester	and M	Weatherbee		Date:	Decer	nher 1	12. 2	018	

Feature	Outcrop I	Dimensions (m) and O	rientation	Bedrock Type and Condition
1	7.5 (N-S)	x 5.0 (E-W)	x Height 1.2	Granite; good condition
		x	x Height	
		x	x Height	

Milling Surface #	Туре	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
S1	MS	30	30	0		Lightly polished
	Surface #	Surface #	Surface # (cm)	Surface # (cm) (cm)	Surface # (cm) (cm) (cm)	Surface # (cm) (cm) (cm)

	Type Key:	C	Contents Key:
CO Conical mortar	PM Possible Mortar	S Filled with soil	R Contains rock
OM Oval mortar	MS Milling slick	L Filled with leaves	P Contains pestle
SM Saucer mortar	BM Basin milling feature	U Unexcavated	M Contains mano
Other:	•	Other:	

	CaliforniaThe Resources Agency TMENT OF PARKS AND RECREATION		Primary #15-0 HRI #	19893	
PRIM	PRIMARY RECORD		Trinomial CA-KER-10891		
	Other L	istings.	NRHP Status Cod	e 6Z	
	Review	Code	Reviewer	Date	
Page_1	of5 *Resou	rce Name or # (A	ssigned by recorder)	CRM TECH 3238-6	
P1.	Other Identifier:				
*P2.	Location: √ Not for Publication Under the property of the publication	n Map as necessard. of SE 1/4 of SW 770 feet abo City Weld nd/or linear resour GPS (NAD 83) el #, directions to slope of a	Date 197 1/4 of Sec 14; ve mean sea le on ces) Zone 11; 3 o resource, etc., as hill covered	2, photorevised 1985 S.B. B.M. vel Zip 93283 82,113 mE/ 3,947,214 mN appropriate) The site is with granitic bedrock	
*P3a.	outcrops, approximately southeast of State Route : Description: (Describe resource and its setting, and boundaries) The site milling slicks on it. No suffeature.	178. major elements. consists of rface artifa	Include design, mai granitic bedr cts were obse	terials, condition, alterations, size, cock boulder with three rved around the milling	
*P3b.	Resource Attributes: (List attributes and co	odes) AP4: Be	edrock milling	features	
*P4.	Resources Present:BuildingStruStru	ıctureObject	√ SiteDistrict	Element of District	
P5a.	Photograph or Drawing (Photograph requi	red for buildings,	structures, and object	ts.)	
P5b.	Description of Photo: (view, date, accession	on #)			
*P6.	Date Constructed/Age and Sources:Hi	storic <u>√</u> Prehist	oricBoth		
*P7.	Owner and Address: Unknown				
*P8.	Recorded by: (Name, affiliation, and addr TECH, 1016 East Cooley Drive,				
*P9.	Date Recorded: November 20, 201	8			
*P10.	Survey Type: (Describe) Phase I in	tensive-leve	l survey		
*P11.	Report Citation: (Cite survey report and Addendum to Historic Propert Regional Water System Imp. California	ty Identific	ation and Eva		
√ A	rchaeological RecordDistrict RecordL			lding, Structure, and Object Record tion RecordRock Art Record	

State of California--The Resources Agency **DEPARTMENT OF PARKS AND RECREATION** Primary # 15-019893 Trinomial CA-KER-10891

ARCHAEOLOGICAL SITE RECORD

Page 2 of 5	*Resource Name or # (Assigned by recorder)_	CRM TECH 3238-6

- A1. **Dimensions:** a. Length 5 m (N-S) **b. Width** 5 m (E-W)Method of Measurement: Paced √ Taped Visual estimate Other: Method of Determination (Check any that apply.): _Artifacts √ Features Soil Vegetation Topography Cut bank Animal burrow Excavation Property boundary Other (Explain):

 Reliability of Determination: High √ Medium Low Explain: Limitations (Check any that apply): Restricted access Paved/built over Site limits incompletely defined Disturbances Vegetation Other (Explain): Disturbances Vegetation None √ Unknown A2. Method of Determination:
- **Human Remains:** Present √ Absent Possible Features: (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each *A4. feature on sketch map.) This site consists of a granitic bedrock milling feature with three milling slicks on it. The boulder measures approximately 4.3x3.3x1.5 m in size, and the slicks measure approximately 40x40, 30x30, and 30x30 cm, each with a light polish.

Unknown (Explain):

- *A5. Cultural Constituents: (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) None
- *A6. Were Specimens Collected? √ No Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)
- *A7. **Site Condition:** Good $\sqrt{}$ Fair Poor (Describe disturbances.):
- *A8. Nearest Water (Type, distance, and direction.): The South Fork Kern River is located approximately 4,615 feet to the north.
- *A9. **Elevation:** Approximately 2,770 feet above mean sea level
- A10. **Environmental Setting** The site is located on the eastern slope of a hill that is covered with granitic bedrock outcrops. Vegetation in the area includes junipers, tumbleweeds, foxtails, and various small grasses and shrubs that are typically found in the Sierra Nevada foothills. The surface soil consists of fine- to coarse-grained sands and gravels from decomposing granite.
- **Historical Information:** A11.

*A3.

- *A12. Age: √ Prehistoric Protohistoric 1542-1769 1769-1848 1848-1880 1880-1914 1914-1945 Post 1945 Undetermined Describe position in regional prehistoric chronology or factual historic dates if known:
- A13. Interpretations: (Discuss scientific, interpretive, ethnic, and other values of site, if known) large, concentrated groups of milling features with deep mortars at Site 15-019606 along the northern base of the same hill, isolated bedrock milling features like this, with only lightly used slicks, are generally indicative of temporary, opportunistic resource processing activities and may result from as few as one single use. They do not represent areas of long-term habitation or repeated visits by the native population, and subsurface excavations at similar sites in the past typically did not encounter a substantial subsurface component.
- A14. Remarks: This site does not appear eligible for listing in the National Register of Historic Places or the California Register of Historical Resources.
- A15. References: (Documents, informants, maps, and other references.): See Item P11.
- Photographs: (List subjects, direction of view, and accession numbers or attach a Photograph Record.): A16. Original Media/Negatives Kept at: CRM TECH, Colton, California
- *A17. Form Prepared by: Daniel Ballester December 12, Date: Affiliation and Address: CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, 92324

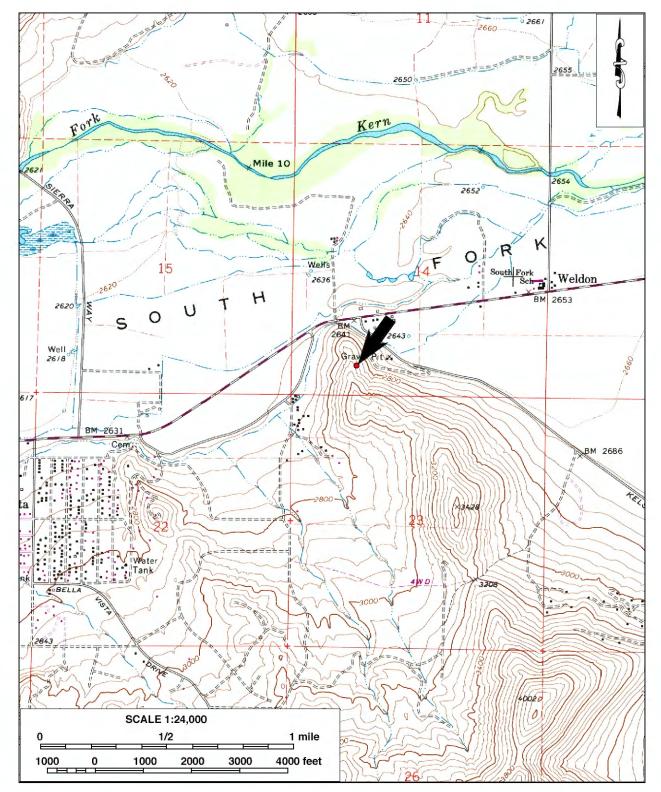
Primary # 15-019893 HRI #

Trinomial CA-KER-10891

Page 3 of 5

*Resource Name or # (Assigned by recorder) CRM TECH 3238-6

*Map Name: Weldon, Calif. *Scale: 1:24,000 *Date of Map: 1972/1985



HRI#

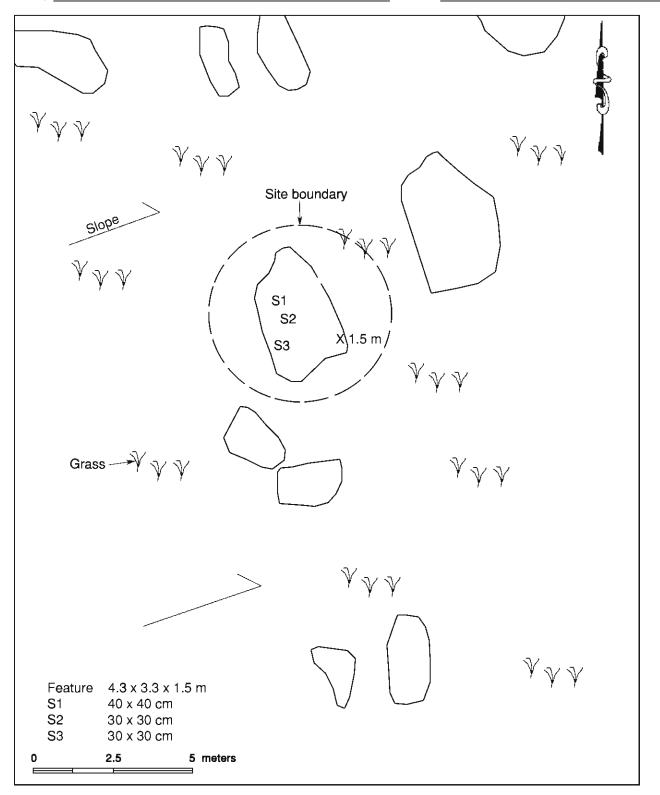
Trinomial CA-KER-10891

Page 4 of 5

*Resource Name or # (Assigned by recorder) CRM TECH 3238-6

*Drawn by: Daniel Ballester

*Date: November 20, 2018



State of CaliforniaThe Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary #	15-019893
HRI#	
Trinomial	CA-KER-10891

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*Resource Name or # (Assigned by recorder) CRM TECH 3238-6

Form Prepared by: D. Ballester and M. Wetherbee Date: December 12, 2018

Feature	Outcrop D	imensions (m) and	Orientation	Bedrock Type and Condition
1	4.3 (N-S)	x 3.3 (E-W)	x Height 1.5	Granite; good condition
		_ x	x Height	
		_ x	x Height	
I ——		_		·

Feature #	Milling Surface #	Туре	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
1	S1	MS	40	40	0		Lightly polished
1	S2	MS	30	30	0		Lightly polished
1	S3	MS	30	30	0		Lightly polished

	Type Key:		Contents Key:
CO Conical mortar	PM Possible Mortar	S Filled with soil	R Contains rock
OM Oval mortar	MS Milling slick	L Filled with leaves	P Contains pestle
SM Saucer mortar	BM Basin milling feature	U Unexcavated	M Contains mano
Other:	•	Other:	

	f CaliforniaThe Resources Agen TMENT OF PARKS AND RECREA		Primary #15-01 HRI #	L 9894
	MARY RECORD	TION	Trinomial CA-KE	ID 10002
1 1311	IAKT KEOOKB		NRHP Status Code	
		Other Listings		
		Review Code	Reviewer	Date
Page_1	<u>of_ 5</u>	*Resource Name or #	(Assigned by recorder)_	CRM TECH 3238-7
P1.	Other Identifier:			
*P2.	Location: √ Not for Publicatio	n Unrestricted	*a. County	Kern
	and (P2b and P2c or P2d. Attach			
	*b. USGS 7.5' Quad Weldon			2, photorevised 1985
	T26S; R34E; NW 1/4 of Elevation: Approximat			
	c. Address N/A		don	Zip 93283
				2,021 mE / 3,947,173 mN
	UTM Derivation:USGS			
				appropriate) The site is
				ley Road and 935 feet
		Route 178, on	a hill covered	with granitic bedrock
	outcrops.			
*P3a.	Description: (Describe resource	and its major elements.	Include design, mate	erials, condition, alterations, size,
	setting, and boundaries) Th	e site consists	of granitic be	edrock boulder with a
	milling slick on it.	No surface artif	acts were obser	ved around the milling
	feature.			
*P3b.	Resource Attributes: (List attribu	tes and codes) AP4.	Redrock milling	features
. 00.	resource Attributes. (List attribu	111 4 .	bearock milling	Icatales
*P4.	Resources Present:BuildingIsolateOther	gStructureObje	ct_√_SiteDistrict	Element of District
P5a.	Photograph or Drawing (Photogr	raph required for buildings	, structures, and objects	S.)
P5b.	Description of Photo: (view, date	e. accession #)		
	•	-	-A-vi- D-4h	
*P6.	Date Constructed/Age and Sour	ces:Historic_√_Preni	storicBoth	
*P7.	Owner and Address: Unknow	n		
*P8.	Recorded by: (Name, affiliation, TECH, 1016 East Cooley			
*P9.	Date Recorded: November 2	20, 2018		
*P10.	Survey Type: (Describe) Phas	e I intensive-lev	el survey	
*P11.	Report Citation: (Cite survey re	anort and other sources	or enter "none ")	Bai "Tom" Tang (2019):
rii.	Addendum to Historic Regional Water System California	Property Identifi		luation Report, Weldon
√ <i>A</i>	Archaeological RecordDistrict Rec			ling, Structure, and Object Record on RecordRock Art Record
	Artifact Record Photograph Reco	ordOther (List):		

State of California--The Resources Agency DEPARTMENT OF PARKS AND RECREATION

92324

 Primary #
 15-019894

 Trinomial
 CA-KER-10892

	*Resource Name or # (Assigned by recorder) CRM TECH 3238-7
raye_	Z OI 5 CRM TECH 3238-7
A 1.	Dimensions: a. Length 7.5 m (E-W) b. Width 7.0 m (N-S)
	Dimensions:a. Length 7.5 m (E-W)b. Width 7.0 m (N-S)Method of Measurement:Paced $\sqrt{\text{Taped}}$ Visual estimateOther:
	Method of Determination (Check any that apply.): Artifacts √ Features Soil Vegetation
	Topography Cut bank Animal burrow Excavation Property boundary Other (Explain):
	Reliability of Determination: High √ Medium Low Explain:
	Reliability of Determination: High √ Medium Low Explain: Limitations (Check any that apply): Restricted access Paved/built over Site limits incompletely defined Disturbances Vegetation Other (Explain): Deoth: None √ Unknown Method of Determination:
A2.	Depth: None √ Unknown Method of Determination:
*A3. *A4.	Human Remains: Present √ Absent Possible Unknown (Explain): Features: (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.) This site consists of a granitic bedrock milling feature
	with a single milling slick. The boulder measures approximately $6.0x5.7x3.0$ m in size, and the slick measures approximately $50x30$ cm, with a light polish.
*A5.	Cultural Constituents: (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) None
*A6.	Were Specimens Collected? _ √ No Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)
*A7.	Site Condition:Good √ FairPoor (Describe disturbances.):
*A8.	Nearest Water (Type, distance, and direction.): The South Fork Kern River is located approximately 4,700 feet to the north.
*A9.	Elevation: Approximately 2,920 feet above mean sea level
A10.	Environmental Setting The site is located on top of a hill that is covered with granitic bedrock outcrops. Vegetation in the area includes junipers, tumbleweeds, foxtails, and various small grasses and shrubs that are typically found in the Sierra Nevada foothills. The surface soil consists of fine- to coarse-grained sands and gravels from decomposing granite.
A11. *A12.	Historical Information: Age: √ Prehistoric Protohistoric 1542-1769 1769-1848 1848-1880 1880-1914 1914-1945 Post 1945 Undetermined Describe position in regional prehistoric chronology or factual historic dates if known:
A13.	Interpretations: (Discuss scientific, interpretive, ethnic, and other values of site, if known) Unlike the large, concentrated groups of milling features with deep mortars at Site 15-019606 along the northern base of the same hill, isolated bedrock milling features like this, with only lightly used slicks, are generally indicative of temporary, opportunistic resource processing activities and may result from as few as one single use. They do not represent areas of long-term habitation or repeated visits by the native population, and subsurface excavations at similar sites in the past typically did not encounter a substantial subsurface component.
A14.	Remarks: The site was recorded during an archaeological field survey for a project that will not impact this milling feature.
A15.	References: (Documents, informants, maps, and other references.): See Item P11.
A16.	Photographs: (List subjects, direction of view, and accession numbers or attach a Photograph Record.): Original Media/Negatives Kept at: CRM TECH, Colton, California
*A17.	Form Prepared by: Daniel Ballester Date: December 12, 2018 Affiliation and Address: CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA

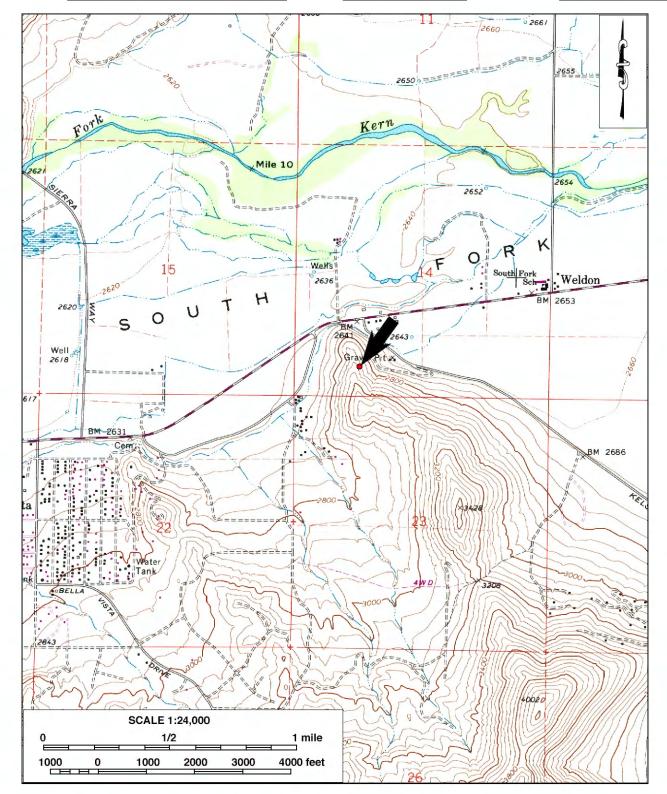
Primary # 15-019894 HRI #

Trinomial CA-KER-10892

Page 3 of 5

*Resource Name or # (Assigned by recorder) CRM TECH 3238-7

*Map Name: Weldon, Calif. *Scale: 1:24,000 *Date of Map: 1972/1985



Primary # 15-019894 HRI #

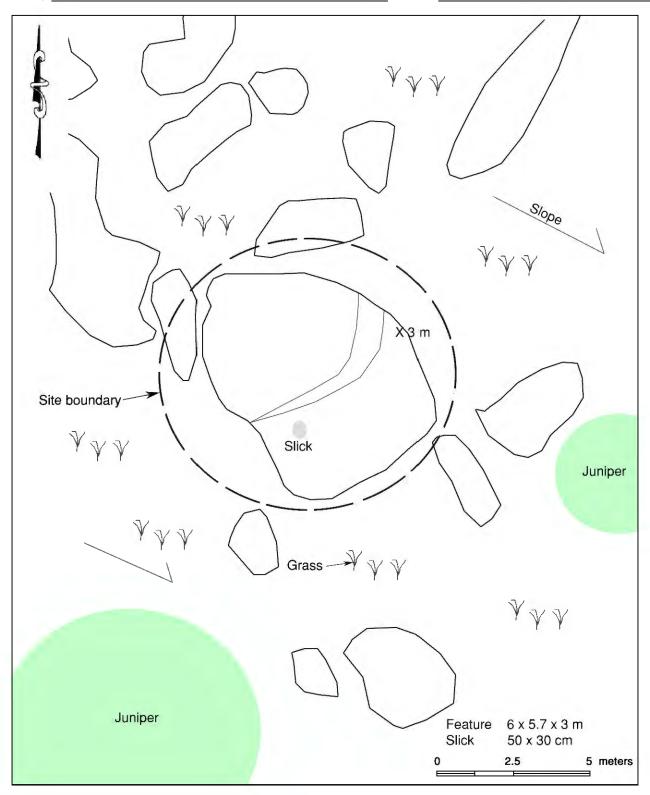
Trinomial CA-KER-10892

Page_4_of_5_

*Resource Name or # (Assigned by recorder) CRM TECH 3238-7

*Drawn by: Daniel Ballester

*Date: November 20, 2018



State of CaliforniaThe Resources Agency
DEPARTMENT OF PARKS AND RECREATION
MILLING STATION RECORD

Primary #	15-019894	
HRI#		
Trinomial	CA-KER-10892	

Page 5 of 5 *Resource Name or # (Assigned by recorder) CRM TECH 3238-7

Form Prepared by: D. Ballester and M. Wetherbee Date: December 12, 2018

Feature	Outcrop Di	mensions (m) and Ori	Bedrock Type and Condition	
1	6.0 (NW-SE)	x 5.7 (NE-SW)	x Height 3	Granite; good condition
		x	x Height	
		х	x Height	

Feature #	Milling Surface #	Туре	Length (cm)	Width (cm)	Depth (cm)	Contents	Remarks
1	S1	MS	50	30	0		Lightly polished

	Type Key:	Cor	ntents Key:
CO Conical mortar	PM Possible Mortar	S Filled with soil	R Contains rock
OM Oval mortar	MS Milling slick	L Filled with leaves	P Contains pestle
SM Saucer mortar	BM Basin milling feature	U Unexcavated	M Contains mano
Other:		Other:	

DEPAR	of California - The Resource RTMENT OF PARKS AND F MARY RECORD		Primary #_ HRI # Trinomial_ NRHP Sta	15-020013 tus Code 6Z
		Review Code	Reviewer	Date
Page_1	of_ 2_	*Resource N	ame or # (Assigned by r	recorder) CRM TECH 3238-Iso-1
P1. * P2 .	c. Address N/A d. UTM: (Give more that	and (P2c, Feldon, Calif. of SE of Sec 14; Sec 15; Sec 16; Sec 14; Sec 16; Se	P2e, and P2b or P2d. At Dat B. B.M. City Weldon (NAD 83) Ctions to resource, eleverately 605 feet we hately 605 feet we hately 6178, at an elevate ation lies on the	tach a Location Map as necessary.) te 1972, photo-revised 1985 Zip 93283 2 11; 382,094 mE/ 3,947,239 mN ation, decimal degrees, etc., as appropriate) est of Kelso Valley Road and 800 cion of approximately 2,770 feet e eastern slope of a rocky hill, ion from the base of the hill to
1	setting, and boundaries) measuring approxin Resource Attributes: (Lis Resources Present: Bu etc.) hotograph or Drawing (Ph	This prehistor: nately 2.5x1.6x0 t attributes and codes)_ iilding Structure	ic isolate consis .2 cm in size. AP16-Other (iso	sign, materials, condition, alterations, size, ts of a secondary obsidian flake lated lithic artifact) rict P5b. Description of Photo (view, date,
and of	pjects.)		Fig. 1. Littly and the second of the second	*P6. Date Constructed/Age and Sources: ☐ Historic ☐ Prehistoric ☐ Both *P7. Owner and Address: Unknown *P8. Recorded by (Name, affiliation, and address): Daniel Ballester and John D. Goodman II, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324 *P9. Date Recorded: April 15, 2019 *P10. Survey Type (describe): Phase I intensive—level survey
$\Box A$	Addendum to Histor Water System Impro	ic Property Iden ovement Project, n Map □Sketch Map trict Record □Linear Re	tification and Ev Weldon Area, Ker Continuation Sheet Sesource Record Milling	I intensive-level survey one.") Bai "Tom" Tang (2019): aluation Report, Weldon Regional on County, California Building, Structure, and Object Record Station Record □Rock Art Record

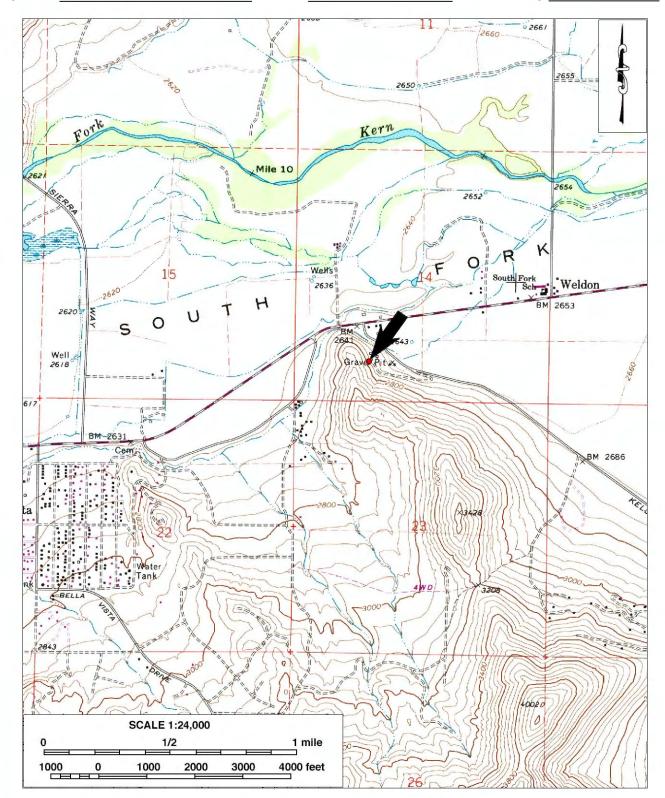
State of California - Natural Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # 15-020013 HRI#

Trinomial

Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3238-Iso-1



DEPA	of California - The Resources Agency RTMENT OF PARKS AND RECREATION WARY RECORD Other Listings Review Code	Primary # 15-020014 HRI # Trinomial NRHP Status Code 6Z Reviewer	Date
Page_	of 2 *Resource Name Other Identifier:	e or # (Assigned by recorder) CRM TECH 3238-Isc)-2
*P2.	*b. USGS 7.5' Quad Weldon, Calif. T26S; R34E; SW of SE of Sec 14; S.B. c. Address N/A d. UTM: (Give more than one for large and/or lin UTM Derivation: USGS Quad √ GPS (NA e. Other Locational Data: (e.g., parcel #, direction The isolate is located approximate feet southeast of State Route 178 above mean sea level. The location	CityWeldon Zip93283 ear resources) Zone_11; 382,092 mE/ 3,947,2	propriate) and 790 70 feet y hill,
*P3a. *P3b. *P4.	setting, and boundaries) This prehistoric fragment measuring approximately 3.8 Resource Attributes: (List attributes and codes) A	P16—Other (isolated lithic artifact) Diject □ Site □ District □ Element of District ☒ Other	(isolates,
	pjects.)	accession #): April 15, 2019 *P6. Date Constructed/Age and	Sources: Both nown ation, and er and TECH, Suite il 15,
*P11.	Water System Improvement Project, We	ources, or enter "none.") Bai "Tom" Tang fication and Evaluation Report, Weldon Re	
		rce Record ☐Milling Station Record ☐Rock Art Record	

State of California - Natural Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # 15-020014 HRI#

Trinomial

Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3238-Iso-2

