Atlantic Richfield Company

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Anthony R. Brown
Project Manager, Mining

October 3, 2017

Julie Sullivan
Remedial Project Manager, Superfund Division
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street, 10th Floor (SFD 7-1)
San Francisco, California 94105

Subject: July and August 2017 Cultural Resource Monitoring Report for Expanded Area of Potential Effects
Leviathan Mine Site
Alpine County, California

Dear Ms. Sullivan:

This letter summarizes the cultural resource monitoring activities conducted by Atlantic Richfield Company in July and August 2017 within the expanded Area of Potential Effects (APE) for the Leviathan Mine Site in Alpine County, California. Cultural resource monitoring associated with 2017 Remedial Investigation / Feasibility Study (RI/FS) ground disturbing field activities within the expanded APE is being performed in accordance with the Section 106 protocols (protocols) presented in the U.S. Environmental Protection Agency's (U.S. EPA) letter dated April 19, 2016. The protocols state that U.S. EPA "shall provide a monthly letter summary report to the consulting parties." In addition, "the monthly report will be provided to the parties within 30 days after the end of the reporting month, and will include a letter summarizing the month's activities and cultural resources found, and the actions taken to avoid any such resources." We understand that U.S. EPA will provide this letter as the monthly letter summary report to the consulting parties.

The RI/FS is being conducted in accordance with the requirements of the Statement of Work attached to the Administrative Order for Remedial Investigation and Feasibility Study, Comprehensive Environmental Response, Compensation, and Liability Act Docket No. 2008-18 issued by the U.S. EPA on June 23, 2008.

During July 2017, Amec Foster Wheeler's archaeologists conducted the following activities within the expanded APE:

- The Class III survey of Camp Isbell/Temp# JDH_1702 (a collection of mine related structures and features), which was initiated June, was completed on July 17.

The draft site record for Camp Isbell is attached.

No activities were conducted in the expanded APE during August 2017.

If you have any questions or comments, please feel free to contact me at (657) 529-4537 or anthony.brown@bp.com.

Sincerely,

Anthony R. Brown
Project Manager, Mining

Attachments:

Attachment 1 Draft Site Record for JDH_1702/Camp Isabell

cc: Gary Riley, U.S. Environmental Protection Agency, Region 9 – via electronic copy
Josh Wirtschafter, U.S. EPA Region 9 – via electronic copy
Lily Tavassoli, U.S. EPA Region 9 – via electronic copy
Greg Reller, Burleson Consulting, Inc. – via electronic copy
Nathan Block, Esq., BP – via electronic copy
Adam Cohen, Esq., Davis Graham & Stubbs, LLP – via electronic copy
Brian Johnson, Atlantic Richfield Company – via electronic copy
Marc R. Lombardi, Amec Foster Wheeler – via electronic copy
Jesse Yorck, Amec Foster Wheeler – via electronic copy

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State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION **PRIMARY RECORD**	Primary # _____ HRI# _____ Trinomial _____ NRHP Status Code _____
Other Listings _____ Review Code _____ Reviewer _____ Date _____	

 ***Resource Name or #:** Temporary # JDH_1702

P1. Other Identifier: Camp Isbell

***P2. Location:** ☒ **Not for Publication** ☐ **Unrestricted** ***a. County** **Alpine**

***b. USGS 7.5' Quad: Heenan Lake**	**Date:** 1979	**T**	**10 N**	**;R**	**21 E**	**;**	**NW, NE, SW, SE**	**1/4 of**	**SE**	**1/4 of**	**NE**	**1/4 of**	**15**	Sec;	Mt Diablo B.M.
							NE, SE	**1/4 of**	**NE**	**1/4 of**	**SE**	**1/4 of**	**15**	Sec;	Mt Diablo B.M.

c. Address None City , CA Zip

d. UTM: NAD 83 Zone 11 ; 269463 mE/ 4288374 mN (centroid)

e. Other Locational Data:

***P3a. Description:** Camp Isbell is the location of a former mine operations center and includes the ruins and remains of several demolished and dilapidated structures; as well as the associated remnants of an associated temporary residential camp. The site is associated to mining related activities including: vehicle and heavy equipment maintenance, equipment and supply loading, offloading, and storage. The site was given the colloquial name Camp Isbell based on the construction company responsible for its construction and maintenance.

***P3b. Resource Attributes**

***P4. Resources Present:** ☐Building ☒Structure ☐Object ☒Site ☐District ☐Element of District ☐Other (isolates, etc.)

P5b. Description of Photo: JDH_1702/Camp Isbell, Site overview, facing south, 20170717_120616.jpg

***P6. Date Constructed/Age and Sources:** ☒Historic ☐Prehistoric ☐Both

***P7. Owner and Address:** California Regional Water Resources Control Board – Lahontan Region

U.S. Forest Service, Pacific Southwest Region
1323 Club Drive
Vallejo, CA 94592

***P8. Recorded by:**
J. Yorck, J. Huddleston, and L. Huddleston
Amec Foster Wheeler, 10615 Professional Circle, Reno, NV 89521

***P9. Date Recorded:** 6/27/2017

***P10. Survey Type:** Intensive Survey

***P11. Report Citation:** Forest Service Report No. R2013041702306

***Attachments:** ☐None ☒Location Map ☒Sketch Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☒Archaeological Record ☐District Record ☒Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☒Artifact Record ☒Photograph Record ☒Other: Feature Table located on Continuation Sheet

*A1. Dimensions: a. Length 1809 (ft) x b. Width 181 (ft); orientation of long axis: N-S

Method of Measurement: ☐ Paced ☐ Taped ☐ Visual estimate ☒ Other: GPS

Method of Determination: ☒ Artifacts ☒ Features ☐ Soil ☐ Vegetation ☐ Topography ☐ Cut bank ☐ Animal burrow ☐ Excavation ☐ Property boundary ☒ Other: Historic photos

Reliability of Determination: ☒High ☐ Low Explain: Historic photographs and aerials coupled with diagnostic artifacts make for a highly reliable determination.

Limitations: ☐ Restricted access ☐ Paved/built over ☐ Site limits incompletely defined ☒ Disturbances ☐ Vegetation ☐ Other:

A2. Depth: ☐ None ☒ Unknown Method of Determination: Untested

*A3. Human Remains: ☐ Present ☒ Absent ☐ Possible ☐ Unknown:

*A4. Features: *See Continuation Sheet for Feature Table and Additional Feature Descriptions.*

*A5. Cultural Constituents: Site consists of the ruins and remains of four structures (A, B, C, & D), remnants of two ditches (F01 and F02), two historic hearth/campfire rings (F04 and F18), an access road (F31), and the infrastructural remains and debris scatter from a residential camp. The camp was likely suited for mobile homes or travel trailers and includes features for water and sewage conveyance (including F05-F07, F14, F23, F26, F30 &F35), in addition to features associated to a transmission system for electricity and communications (including F25, F32 & F33). Two artifact concentrations on the site (F03 and F34) contain the greatest amount of debris in direct association and includes: car parts, glass and porcelain fragments, several children's shoes, an aluminum trash can lid, as well as wood and metal fragments. Other diagnostic or unique artifacts present include a boot (A01), a bed frame (A02), a toy truck fragment (A03), the bases of two colorless glass vessels (a jar and a jug) which bear Owens-Illinois maker's marks (A04 & A05), a scatter of more non-descript and generalized debris consisting of: metal, wood, wire, and pipe fragments is also present: *See Artifact Record for complete details*

*A6. Were Specimens Collected? ☒ No ☐ Yes

*A7. Site Condition: ☐ Good ☐ Fair ☒ Poor Disturbances: Numerous impacts from recreational traffic, seasonal road maintenance, and initial demolition and abandonment

*A8. Nearest Water: Unnamed tributary of Leviathan Creek (931 ft)

*A9. Elevation: 2150-2166m AMSL, interpreted from map

A10. Environmental Setting: The site is situated on an artificially created pad excavated from augmentation of a hillside and the utilization up of mine waste rock and processed materials. Note: Tree growth visible on 1954 aerial photograph provided by the client depicts cleared areas that are now consumed by tree growth.

A11. Historical Information: First appears on historic aerials in 1954 and is absent in 1965. Historic photographs of the site were key elements in field documentation and interpretation.

*A12. Age: ☐ Prehistoric ☐ Protohistoric ☐ 1542-1769 ☐ 1769-1848 ☐ 1848-1880 ☐ 1880-1914 ☐ 1914-1945 ☒ Post 1945 ☐ Undetermined Describe: Based on historic aerial photography and the dates of other historic photographs, the camp was in existence from just prior to 1954-1965.

A13. Interpretations: *See Continuation Sheet*

A14. Remarks: A Class III pedestrian survey was conducted following the US EPA's request for hydrocarbon testing.

A15. References: *See Continuation Sheet*

A16. Photographs: See Photograph Record
Original Media/Negatives Kept at: Amec Foster Wheeler, 10615 Professional Circle, Reno, NV 89521

*A17. Form Prepared by: J. Huddleston, L. Huddleston, and T. McWilliams Date:7/20/17

Affiliation and Address: Amec Foster Wheeler, 10615 Professional Circle, Reno, NV 89521

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) JDH_1702/Structure 'A' ***NRHP Status Code** 6Z- not eligible
Page 3 **of** 59
B1. Historic Name: Unknown
B2. Common Name: Unknown
B3. Original Use: Loading and unloading and storage of supplies
B4. Present Use: None
***B5. Architectural Style:** frame vernacular on concrete pad *
B6. Construction History: (Construction date, alterations, and date of alterations)
First appears on historic aerials in 1954.

***B7. B7. Moved?** ☒ **No** ☐ **Yes** ☐ **Unknown** **Date:** N/A **Original Location:** N/A *
B8. Related Features: Structure 'A', F-30 (well), and F-33 (tree-mounted insulator hub)

B9a. Architect: Unknown b. Builder: Isbell Construction
***B10. Significance: Theme** Mining **Area** Alpine County, CA **Period of Significance** ~1950-1965 **Property Type** loading dock/storage **Applicable Criteria** none (Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Structure 'A' consists of a concrete foundation that is approximately 17ft (E-W). by 37ft. (N-S) and ~3 inches thick. The southern end of the foundation is covered in tailings, collapsed structural debris and decomposing organic materials; its' terminus is not evident without excavation. The concrete pad appears to have been poured in sections using a concrete with coarse grained and angular and subangular aggregate, one visible section measuring 7ft. by 17ft. A partially demolished loading dock (also constructed with a 3-4 inch concrete pad) abuts the west end of the structure foundation, running for the entire 37 ft. length and measuring between 2.5-5 feet in width. There is extensive concrete rubble observed to the west of the west of the structure related to demolition and subsequent decomposition. The southern and eastern wooden framing and corrugated siding of the structure, as well as the center truss has collapsed and is laying on the foundation foot print. The rest of the structure (except for the several lengths of non-diagnostic lumber) appears to have been removed by demolition or salvage or scavenging activities. Approximately 25% of the concrete foundation is visible and unencumbered by debris. The truss is presumably broken in two pieces. It is comprised of three board lengths measuring 1.5ft. by 5.5 ft. These boards are nailed together to make a truss that measures 5.5 ft. by 5.5ft. The northern length measures 30ft. long and the southern length is 15 ft. long.

B11. Additional Resource Attributes: (List attributes and codes) HP4 (Ancillary building), AH2(Foundation)
***B12. References:** Historic photography of Camp Isbell

B13. Remarks: Collapsed, and demolished via driving over remains with heavy equipment. The large Jeffrey Pine that can be seen in historic images adjacent to drum storage location was cut down at an unknown time period. *See also A13 Interpretations.*

(Sketch Map with north arrow required.):

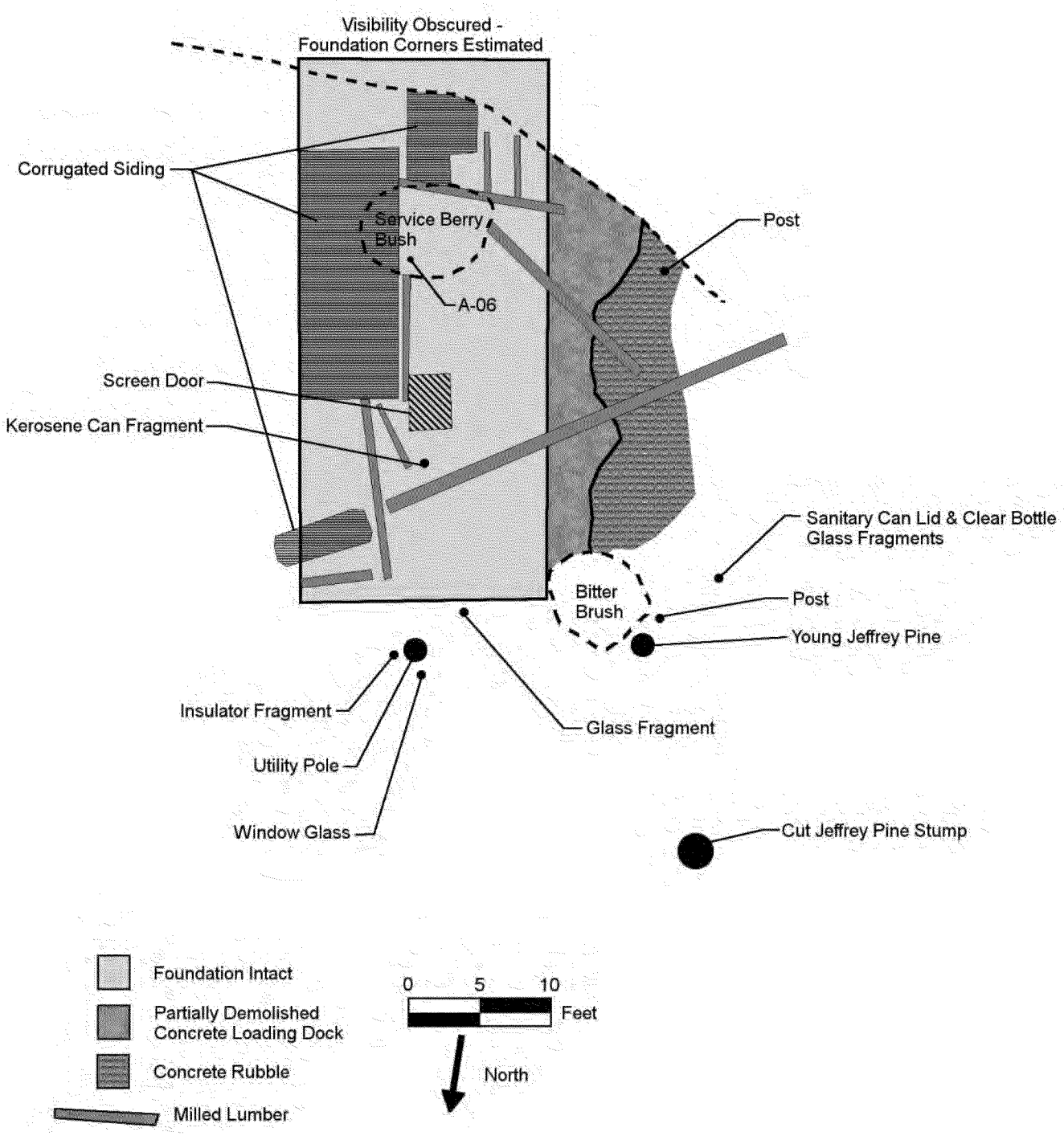
See Page 4 for sketch map of Structure 'A'

***B14. Evaluators:** J. Yorck and J. Huddleston
***Date of Evaluation:** 06/30/17

(This space reserved for official comments.)

***Resource Name or #** (Assigned by recorder) JDH 1702/Structure 'A' ***NRHP Status Code** 6Z- not eligible

Structure 'A' Sketch map continued from page 3:



BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) JDH-1702/Structure 'B' ***NRHP Status Code** 6Z- not eligible
Page 5 **of** 58
B1. Historic Name: Unknown
B2. Common Name: Unknown
B3. Original Use: Unknown
B4. Present Use: None
***B5. Architectural Style:** frame vernacular on concrete pad (based on historic photographs)
***B6. Construction History:** (Construction date, alterations, and date of alterations) Unknown

***B7. B7. Moved?** ☐ **No** ☒ **Yes** ☐ **Unknown** **Date:** Unknown **Original Location:** Near Feature F-29 (2 standing pipes)
***B8. Related Features:**
Feature F-28, the remains of Structure 'B' is currently a push pile consisting primarily of rubble and historic structural debris. Feature F-29a and F-29b, two standing pipes are located to the east of F-28/ Structure 'B' push pile. Features F29a and F-29b are presumed to connect to a subsurface storage tank.

B9a. Architect: Unknown b. Builder: Isbell Construction
***B10. Significance: Theme** Mining **Area** Alpine County, CA **Period of Significance** ~1950-1965 Property **Type** Unknown
Applicable Criteria None (Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Structure 'B'/ Feature 28 is a push pile of rubble and structural debris that measures 24 ft. (E-W) by 14 ft. (N-S). The rubble was only identified as a structure based on the aide of historic photographs and aerials. The concrete fragments present appears similar to the construction used in other structures present on the site and contain a course grained angular and subangular aggregate. The few remains that are present are: several fragments of concrete with steel mesh, one brown glazed ceramic insulator, a rubber coated hose fragment, as well as various nail fragments and miscellaneous metal fragments.

B11. Additional Resource Attributes: (List attributes and codes) HP4 (Ancillary building), AH2(Foundation)
***B12. References:** Historic photography of Camp Isbell

B13. Remarks: First appears on historic aerials in 1954 and is absent in 1965. Completely dismantled/demolished/destroyed. *See also A13 Interpretations.*

(Sketch Map with north arrow required.)

Structure 'B' has been reduced to a push pile of historic debris and rubble. *Please see photos for Structure 'B' on the Continuation pages.*

***B14. Evaluator:** L. Huddleston
***Date of Evaluation:** 6/30/2017

(This space reserved for official comments.)

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) JDH_1702/Structure 'C' ***NRHP Status Code** 6Z- not eligible
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B1. Historic Name: Unknown
B2. Common Name: Unknown
B3. Original Use: Garage/Heavy Equipment Shop
B4. Present Use: None
***B5. Architectural Style:** Frame vernacular on a concrete pad (based on historic photographs)
***B6. Construction History:** (Construction date, alterations, and date of alterations) Unknown

***B7. Moved?** ☒ **No** ☐ **Yes** ☐ **Unknown Date:** N/A **Original Location:** N/A
***B8. Related Features: None**

B9a. Architect: Unknown . Builder: Isbell Construction
***B10. Significance: Theme** Mining **Area** Alpine County, CA **Period of Significance** ~1950-1965 **Property Type** Garage/Heavy Equipment Shop **Applicable Criteria** None (Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Structure 'C' is the former location of a garage or heavy equipment shop. Evidence in the historic photography is the only reliable way this information was available. The only remains present on site are within a 25ft. by 25ft. area that contains a partially intact entrance to a bay door (the western-most bay door depicted in a historic photograph of the structure) with two pairs of 'I'-beam tracks set parallel from one another Each 'I'-beam is 2 ½ inches wide and are spaced 10 inches apart, with the pairs spaced 51 inches apart. These tracks are set into the ground within a flattened pad that is in front of a 11ft. by 20ft. concrete pad (the same coarse grained angular subangular aggregate as that found in other features). A pile of rubble (the displaced remnants of the rest of the concrete foundation for Structure 'C') lie at the northeast corner of the remaining intact concrete pad, the rubble contains several 2x4" fragments and is approximately 6ft. in diameter and 3ft. tall.

B11. Additional Resource Attributes: (List attributes and codes) HP4 (Ancillary building), AH2(Foundation)
***B12. References:** Historic photography of Camp Isbell

B13. Remarks: First appears on historic aerials in 1954 and is absent in 1965. Mostly dismantled/demolished/destroyed almost entirely, only a small area of foundation remains intact. *See also A13 Interpretations.*

(Sketch Map with north arrow required.)

Please see photos for Structure 'C' on the Continuation pages.

***B14. Evaluator:** L. Huddleston and J. Huddleston
***Date of Evaluation:** 7/17/2017

(This space reserved for official comments.)

BUILDING, STRUCTURE, AND OBJECT RECORD

***Resource Name or #** (Assigned by recorder) JDH_1702/Structure 'D' ***NRHP Status Code** 6Z- not eligible
Page 7 **of** 58

B1. Historic Name: Unknown
B2. Common Name: Unknown
B3. Original Use: Garage
B4. Present Use: None
***B5. Architectural Style:** Frame vernacular on concrete pad (based on historic photographs)
***B6. Construction History:** (Construction date, alterations, and date of alterations) Unknown

***B7. Moved?** ☐ **No** ☐ **Yes** ☒ **Unknown** **Date:** Unknown **Original Location:** Unknown
***B8. Related Features: Structure 'C'**

B9a. Architect: Unknown b. Builder: Isbell Construction
***B10. Significance: Theme** Mining **Area** Alpine County, CA **Period of Significance** ~1950-1965 **Property Type** Garage
Applicable Criteria None (Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Structure 'D' is only known because of its' presence being noted on historic aerials and photographs of the Camp Isbell area. No other information concerning the structure is known. Only a dark grey stain appears on the surface where the structure was once located. No rubble or fragments of any kind that could be associated with Structure 'D' were apparent. The structure appears to have been located adjacent to Structure 'C', based on 1954 aerial photograph taken by the US ARMY, provided by the US EPA.

B11. Additional Resource Attributes: (List attributes and codes) HP4 (Ancillary building)
***B12. References:** Historic photography of Camp Isbell

B13. Remarks: First appears on historic aerial in 1954 and is absent in 1965. Structure 'D' is no longer extant. *See also A13 Interpretations.*

***B14. Evaluator:** J. Huddleston and L. Huddleston
***Date of Evaluation:** 7/17/2017

(Sketch Map with north arrow required.)

Structure 'D' is no longer extant. Slight staining on the ground surface. *Please see photos for Structure 'D' on the Continuation pages.*

(This space reserved for official comments.)

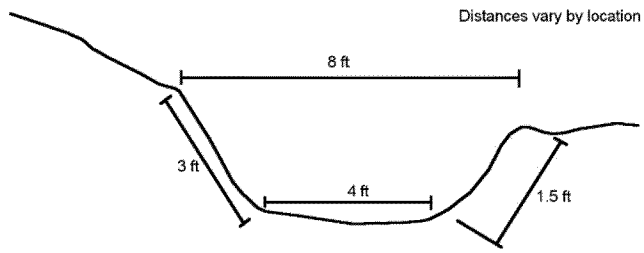
L1. Historic and/or Common Name: Camp Isbell
L2a. Portion Described: ☒ Entire Resource ☐ Segment ☐ Point Observation Designation: Feature F-01
b. Location of point or segment: Located along eastern edge of the north end of the site on a gradually sloping hill.

L3. Description: Feature F-01 is a mechanically excavated ditch that is irregular and varies in width and depth.

L4. Dimensions:
a. Top Width:~8 ft.
b. Bottom Width: ~4 ft.
c. Height or Depth: varies from 1.5 to 3 ft.
d. Length of Segment: 231 ft.

L5. Associated Resources: Features F-02 (ditch), F-02a (imbedded pipe), and F-05 (concrete cistern)

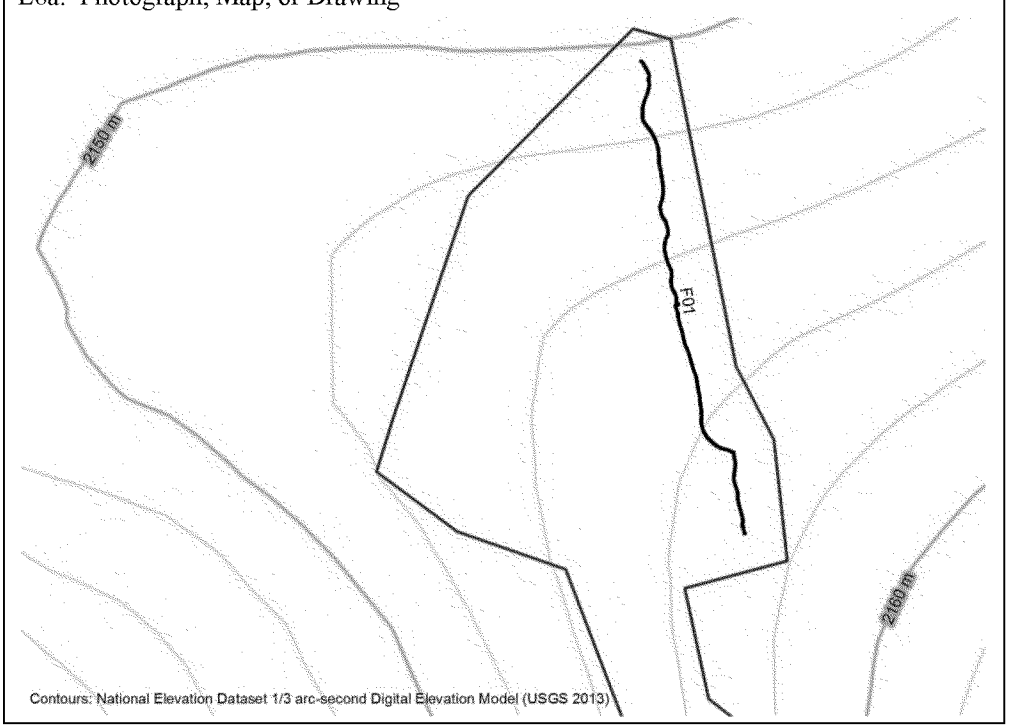
L4e. Sketch of Cross-Section Facing:



L6. Setting: Mechanically flattened area on the east end of Leviathan Mine Canyon.

L7. Integrity Considerations: Low/none. Slope wash via snow melt and natural springs located within and adjacent to the site are eroding Feature F-01.

L8a. Photograph, Map, or Drawing



L8b. Description of Photo, Map, or Drawing: Map of JDH_1702 showing location of Feature F-01

Please see photo log and photos of Feature F-01 on the continuations sheets

L9. Remarks:

L10. Form Prepared by:
L. Huddleston
Amec Foster Wheeler, 10615 Professional Circle, Reno, NV 89521

L11. Date: 7/27/2017

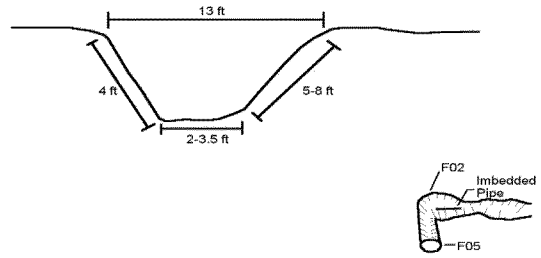
L1. Historic and/or Common Name: Camp Isbell
L2a. Portion Described: ☐ Entire Resource ☐ Segment ☐ Point Observation Designation: Feature F-02
b. Location of point or segment: Located along western edge of the north end of the site on a gradually sloping hill.

L3. Description: Feature F-02 is a mechanically excavated ditch that begins below Feature F-05 (concrete cistern) and trends east-northeast and turns 90 degrees trending toward an existing ephemeral/seasonal drainage. Where Feature F-02 takes a 90 degree turn there is an imbedded pipe (Feature F-02a) that is 4 $^{6}/_{16}$" in diameter with 6 ft., 5 in. of pipe exposed within the parameters of the ditch and parallel within the ephemeral/seasonal portion of the drainage ditch.

L4. Dimensions:
a. Top Width: ~13 ft.
b. Bottom Width: Varies from 3 to 3.5 ft.
c. Height or Depth: Varies from 4 to 5 ft.
d. Length of Segment 163 ft.

L5. Associated Resources: Features F-01 (ditch), F-02a (imbedded pipe), and F-05 (concrete cistern)

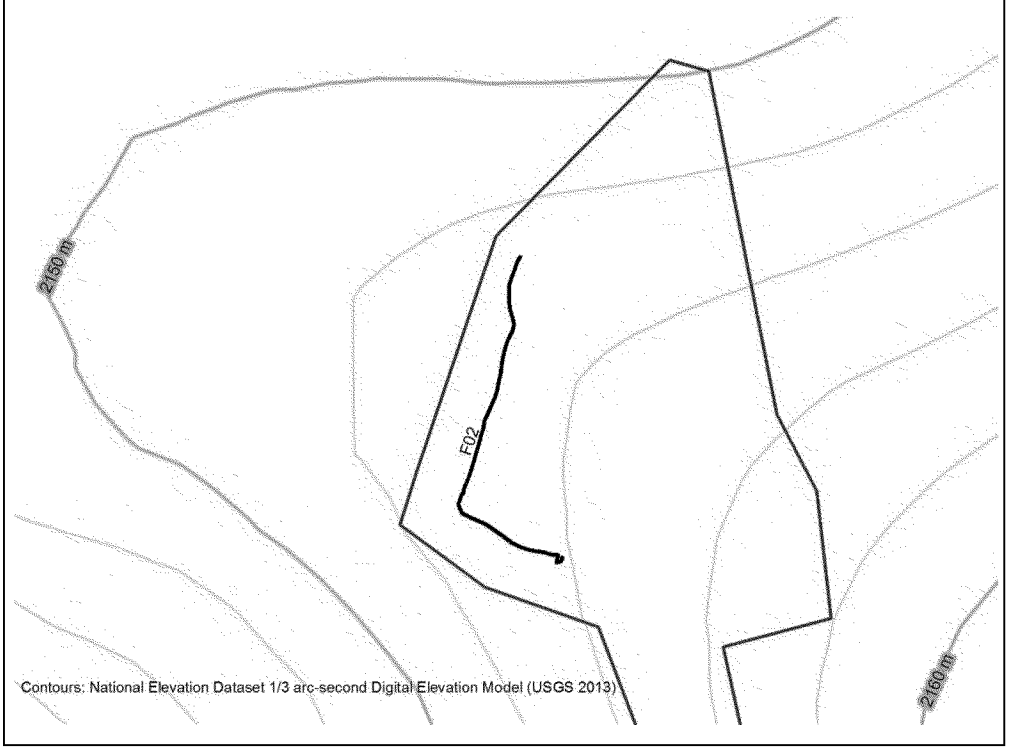
L4e. Sketch of Cross-Section Facing:



L6. Setting: Mechanically flattened area on the east end of Leviathan Mine Canyon.

L7. Integrity Considerations: Low/none. Slope wash via snow melt and natural springs located within and adjacent to the site are eroding Feature F-02.

L8a. Photograph, Map, or Drawing



L8b. Description of Photo, Map, or Drawing: Map of JDH_1702 showing location of Feature F-02
Please see photo log and photos of Feature F-02 on the continuations sheets
L9. Remarks: Drainage ditch for concrete cistern/sewage conveyance system naturally eroded at base depth, overgrown with sage and bitterbrush.

L10. Form Prepared by:
L. Huddleston
Amec Foster Wheeler, 10615 Professional Circle, Reno, NV 89521
L11. Date: 7/27/2017

Location Where Collected Specimens are Curated: N/A

Artifact #	Type	Condition	Description (form, material, etc.)	Dimensions (cm) L W TH	UTM Zone 11 (NAD83) Easting	Northing	Sketch/ Photo	Collected?
A-01	Clothing	C	Shoe/Boot, leather upper, buckle, and rubber sole;	European size 37	269468	4288504	Yes	No
A-02	Personal Item	C	Vehicle bench springs, crushed, overgrown with vegetation	N/A	269447	4288367	Yes	No
A-03	Personal Item	F	Fragment of a yellow toy truck, folded tab construction, "art-deco" period styling, lithography for lights, and engine ports	N/A	269484	4288462	Yes	No
A-04	Glass	F	Colorless gallon jug base, reads: "20/ {"I inside oval") Owens Illinois mark} / 3//3A//2241-E"	N/A	269508	4288125	Yes	No
A-05	Glass	F	Colorless jar base, reads: "2/ {"O-I diamond" Owens Illinois mark} / 4"	N/A	269508	4288123	Yes	No
A-06	Metal	C	Internally threaded drum lid, reads "TEXACO" with $^{1}/_{16}$" rubber gasket, knife cut	N/A	269513	4288108	Yes	No

Type Key: (list abbreviations used)	Condition Key:
	F Fragmentary C Complete Other:

*Recorded by *Date ☒ Continuation ☐ Update

***A4. Feature Descriptions** Continued:

Feature F-03 is a artifact concentration that consists of lumber and debris and contains: the remnants of a wooden box/crate held together with small gauge wire nails, milled lumber – three fragmentary pieces (one that is 2 ½ inches by 3 inches that is 71 inches in length, a second that is 3 ½ inches by 1 inch and 58 inches in length, and a third that is 5 ½ inches by ¾ of an inch, that is 3 feet in length., there are also 3 pieces of milled lumber that are nailed together with wire nails, but are so fragmentary as to no provide reliable measurements, this is also true of several fragments of naturally hewn juniper and redwood post fragments, and lastly the lid of a key-wind side strip meat tin with tab for key, but missing the key. The KWSS lid measures 3 and $^{5}/_{16}$ of an inch by 2 inches.

Feature F-034 is an artifact concentration that consists of historic residential debris and automobile parts. The artifacts present are mostly non-diagnostic, and present no definitive temporal information that has not otherwise been garnered, but contains several unique items that provide a more complete "snapshot" of the time period and activities and individuals involved. Contained within Feature 34 are the fragments of several exhaust systems for period automobiles, a muffler (corroded into 6 parts), 6 colorless bottle glass fragments (heel and neck fragments), 3 porcelain fragments (base fragments-mug sized), a crushed sanitary can (3 and $^{7}/_{16}$ of an inch diameter) , a pair of children's boots 5 and $^{14}/_{16}$ of an inch long by 2 and $^{8}/_{16}$ of an inch wide- with a red rubber sole and with white leather uppers with white metal eyelets, a child's sandal 4 inches long by 2 and $^{8}/_{16}$ of an inch wide- with pink leather sole and blueish cut out upper, with toe strap and metal buckle, a plank fragment, 3 interlocking-tab seam crushed beverage cans- 2 and $^{12}/_{16}$ of an inch in diameter, a screw cap for a lawn mower gas tank or portable gas can- 1 ¾ of an inch in diameter, and an aluminum trash can lid- 18 inches in diameter.

***A4. Features Table**

Feature #	Type	Description (form, material, etc.)	Dimensions L W TH	UTM Zone 11 (NAD83) Easting	Northing
F01	Ditch	Mechanically excavated ditch that runs along the eastern edge of camp area. *See Linear Feature Record for F01*	~226' long and 4-8' wide and 1.5'-3'deep	269444	4288646
F02	Ditch	Mechanically excavated ditch that runs along the western edge of camp area. *See Linear Feature Record for F02*	~167' long and 4-8' wide and 1.5'-3'deep	269423	4288624
F02a	Imbedded pipe	Pipe imbedded within F02 *See Linear Feature Record for F02*	~6' 5" segment exposed, with a 4 6/16" in diameter	269415	4288591
F03	Lumber and debris	Artifact concentration consisting of lumber and debris. *See Feature 03, Continuation Sheet*	n/a	269436	4288599
F04	Rock ringed hearth	A rock ringed hearth consisting of 5 basalt boulders and 2 local breccia boulders ranging in size from 20x25cm to 45 x 15cm. The ring is approximately 39cm N-S and 48cm E-W. The hearth contains charcoal and a crushed medium-sized coffee tin	~15" N-S and ~19" E-W	269435	4288596
F05	Cistern	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide and ~24" deep	269430	4288585
F06	Cistern	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide and ~24" deep	269443	4288578
F07	Buried pipes	Vertically standing, buried 1 ½" pipe with a 1 ¾" collar (electrical conduit)- extending 13" from ground surface, with a 3" diameter pipe extending 3" from the ground surface, set in locally prepared concrete with a piece of rebar- both rebar and 3" pipe have been cut off with a welding torch	n/a	269443	4288574
F08	Cistern – partially buried , with pipe & rebar	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). F08 has a 3" pipe and rebar segments that are welding torch cut, similar to that seen at F07, there is also a bare aluminum wire segment ~18-20d in diameter and ~18" in length *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide	269448	4288553
F09	Depression	Round depression	~4' diameter, ~11" deep	269456	4288518

F10	Cistern - buried	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide	269461	4288509
F11	Cistern -buried	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide	269463	4288497
F12	Depression with buried pipe	Round depression with 1 ½" internally threaded elbow joint	~3' diameter, 1' deep	269467	4288488
F13	Cistern - buried	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide	269469	4288481
F14	Culvert & push pile & associated artifacts	A buried culvert with an associated push pile and several associated artifacts. The culvert is a one foot diameter corrugated pipe that runs from the feature location through the pad the campground is constructed upon, and exits the site at the western boundary. Associated push pile is ~ 20m long N-S and ~10m E-W; positioned adjacent to a natural drainage *See Feature 14, Continuation Sheet*	n/a	269486	4288474
F15	Cistern - partially buried, not filled	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide and ~24" deep	269471	4288466
F16	Depression & buried pipe	Round depression with 3 ½" diameter pipe buried within; pipe is oriented towards F15	~3' diameter, ½' deep	269468	4288462
F17	Pipe	3 ½" diameter pipe, only end is not completely buried	3 ½" diameter	269461	4288453
F18	Rock ringed hearth	A rock ringed hearth consisting of 12 local breccia boulders ranging in size from 3.5" x 5" to 16" x 11". The ring is approximately 44" N-S and 46 ½" E-W. Two modern brown glass bottle bases are within the hearth along with a sanitary can	44" N-S and 46 ½" E-W	269461	4288449
F19	Depression	Irregular circular depression with buried 3" diameter tar paper pipe and a 1" diameter, 4' length of electrical conduit pipe, several 2x4 fragments are present	10-13"diameter	269439	4288396
F20	Depression	"L" shaped depression	14' N-S and 13' E-W, 2' wide and ~1' deep	269438	4288394
F21	Shaker screen	Fragment of an industrial mechanical shaker sieve with rough-hewn post/beam attached; partially buried	screen- ~45" wide; beam- 66 ½" long, 7" wide, 2 ½" thick,	269443	4288386
F22	Depression	Round depression	4' diameter, 9" deep	269435	4288387
F23	Cistern	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide and ~24" deep	269456	4288344
F24	Cistern	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide and ~24" deep	269456	4288338
F25	Tree with electrical wiring and light	Electrical insulators (brown ceramic) and a lighting fixture attached to the north side of a Jeffery Pine tree	n/a (measurements unobtainable)	269458	4288340
F26	Cistern	Concrete prefabricated cistern (F06 is the best example these types of features and was recorded in detail as an example). *See Feature 06, Continuation Sheet*	~20" tall and ~36"-38"wide and ~24" deep	269464	4288329
F27a	Concrete footing	Concrete footing with mitered corners, and top edges, externally threaded vertically positioned bolts are within the footing	30" long and 18" wide and 6" thick	269455	4288313
F27b	Concrete footing	Concrete footing with mitered corners, and top edges, externally threaded vertically positioned bolts are within the footing, with buried/standing vertical 1" electrical conduit pipe	30" long and 18" wide and 6" thick	269453	4288298
F27c	Concrete footing	Concrete footing with mitered corners, and top edges, externally threaded vertically positioned bolts are within the footing, with buried/standing vertical 1" electrical conduit pipe	30" long and 18" wide and 6" thick	269454	4288297
F28	Debris and rubble from Structure B	Demolished remains of Structure 'B'- *See BSO for Structure 'B'*	~26' long and ~19' wide and	269498	4288165

F29a	Standing pipe with elbow joint	2 ½" diameter pipe standing vertically extending 3' above ground surface, internally threaded elbow joint at end	~3' long, 2 ½" diameter	269509	4288164
F29b	Standing pipe	2 ½" diameter pipe standing vertically extending ~10' above the ground surface (full length is comprised of three pipe segments welded together) at end is a drill bit collar for a drill rig that reads: "NO. 2 DRILL", remnants of a heavy cloth hose are attached to the collar	~10' long, 2 ½" diameter	269508	4288162
F30	Well head	1' diameter well head that extends ~3' above the ground surface, depth below surface appears to be ~6ft, but the well is partially filled. A pipe extends from the center with a hasp welded to the end; creating a cap that could be locked. An 'I' beam has been driven into the ground adjacent to the well and stands vertically, extending ~3-4" from the ground surface, where it has been cut by a welding torch		269506	4288139
F31	Access/turnaround	Two-track access road and turnaround	833'long and ~14'-19' wide	269461	4288546
F32	Tree with insulator	Brown ceramic electrical insulator in an old growth Jeffery pine tree	n/a (measurements unobtainable)	269489	4288178
F33	Tree with insulators	5 brown ceramic insulators on a prefabricated post hub in old growth Jeffery pine tree	n/a (measurements unobtainable)	269504	4288150
F34	Artifact Concentration	Historic artifacts and debris *See Feature 34, Continuation Sheet*	n/a	269465	4288525
F35	Pipes, elbow joints, and rebar	Three different sized pipes and 2 internally threaded elbow joints- partially buried-no measurements available, one elbow joint reads: "CRANE"	n/a (measurements unobtainable)	269439	4288425
N/A	Structure A	Collapsed and partially demolished structure for loading and storage *See BSO for Structure 'A'*	30' x 20'	269513	4288111
N/A	Structure B/ Feature 28	Disassembled and/or demolished structure, what little remains exist appear as a push pile with debris. *See BSO for Structure 'B'*	~14' N-S and ~24' E-W	269498	4288164
N/A	Structure C	Disassembled and mostly demolished and destroyed former garage/shop structure. *See BSO for Structure 'C'*	unknown	269476	4288213
N/A	Structure D	Completely disassembled and destroyed. No remains, only dark grey staining on ground surface. Probable location noted, but only knowledge of the structure is from historic photographs and aerials. *See BSO for Structure 'D'*	unknown	269493	4288241

***A5. Cultural Constituents**: Continued
The Owens-Illinois glass manufacturing company mark appears on two of the artifact specimens; **Artifacts**: **A-04**, **A-05**. There are two Owens-Illinois maker's marks found on these glass bottles: The first is the combination of the two merging companies' original logos and is known as the "I-O diamond" and was first used around 1930, The second mark, known as the "I-in-a-Oval" mark, was first introduced in 1954. In addition to this distinct time marker, the Owens-Illinois company also began providing date-codes during the 1930s with a factory code and a date code on the bottle bases that appear below the O-I mark. While these codes are not completely without fault, it would appear that the clear glass gallon jug base, **Artifact A-04**, was manufactured in 1963 at the Oakland, California plant and that the clear glass bottle base **Artifact A-05** is the base to a bottle that was manufactured in 1934 at the San Francisco, California plant (Lockhart and Hoening 2004 and 2015).

A13. Interpretations Continued:
Site JDH_1702/Camp Isbell is a collection of features and artifacts related to operations and residential occupation in support of mining/mineral extraction for the Leviathan Mine. The site is recommended **Not Eligible** for inclusion in the National Register of Historic Places under any criteria. The site cannot be associated with any prominent event, important figure, and is not unique in construction (Not eligible under Criterion A, B, or C). Though the site can be associated with the Leviathan Mine Site's later phase of mining and with research issues identified for the project, the features and associated artifacts present can provide only limited data for answering pertinent research questions due to their fragmentary states and the destruction of relevant site context and integrity. Design, Materials, Location, Setting, and Feeling have all been affected by subsequent impacts of demolition, deconstruction, and the

repeated use of the area by recreational vehicles and maintenance activities of the adjacent access road. Integrity of Workmanship can be evidenced within Structure 'A, but has been significantly impacted by the collapse of the structure. Additionally, the architecture present is not of a unique style or design. Integrity of Association is a combination of the elements of design, materials, location, and setting; each of which have already been found lacking. While JDH_1702 can be associated to the later historic expansion of Leviathan Mine and of Camp Isbell, the camp retains little of what is depicted in historic photographs. The site once contained multiple standing structures; none of which remain standing or intact. The artifact assemblage and feature remnants suggest the area was an operations area and residential camp associated with loading, unloading, and storage of supplies; as well as vehicle and machinery maintenance. The indications of the residential component are scant but show an investment in infrastructure to support electrical, plumbing, and sewage. However, based on the limited data potential available from the features, the scant and fragmented artifacts within the assemblage, and the low potential for buried deposits, the data available have been sufficiently captured during the current recordation. As such, CA-JDH_1702/Camp Isbell is recommended not eligible for inclusion in the National Register of Historic Places under Criterion D.

A15. References: Continued

Intermountain Antiquities Computer System (IMACS)
1992 *User's Guide: Instructions and Computer Codes for Use with the IMACS Site Form.* University of Utah, Bureau of Land Management, and U.S. Forest Service. Retrieved from: http://anthro.utah.edu/labs/imacs.php

Lockhart, Bill
2004 *The Dating Game: Owens-Illinois Glass Co.* Bottles and Extras 15(3):24-27. Retrieved from: https://sha.org/bottle/pdffiles/OwensIll_BLockhart.pdf

Lockhart, Bill and Russ Hoenig
2015 *The Bewildering Array of Owens-Illinois Glass Co. Logos and Codes*. "Owens-Illinois Glass Company - Society for Historical Archaeology." p. 3-4; Society for Historical Archaeology. n. p., n.d. Retrieved from: https://sha.org/bottle/pdffiles/OwensIll_BLockhart.pdf

State of California Regional Water Quality Board – Lahontan Region
n.d. Historic-era photography of Camp Isbell, Leviathan Mine Site; Alpine County, California, circa 1960 [4 photographs] provided to Atlantic Richfield via email on May 10, 2016.

United States Army
1954 Aerial photograph of Leviathan Mine Site, flight date January 01, 1954. [ca. 1:500.] Alpine County, California.

Mo.	Day	Time	Exp/Frame	Subject / Description	View	Accession #
7	17	12:06 pm	20170717_120616.jpg	JDH_1702/Camp Isbell, Site overview	S	
6	28	9:00 am	20170628_090035.jpg	JDH_1702/Camp Isbell, Site overview	N	
--	--	--	--	JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, view facing north, compare to current site photo 20170628_090035.jpg above.	N	
7	17	1:57 pm	20170717_135730.jpg	JDH_1702/Camp Isbell, Structure 'A' overview with cut stump adjacent to location where drums were once stacked	NE	
--	--	--	--	JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, Structure 'A' in foreground with Structure 'B' and Structure 'C', compare to current site photo 20170717_135730.jpg above.	NE	
7	17	12:06 pm	20170717_120616.jpg	JDH_1702/Camp Isbell, Structure 'D' and Structure 'C' overview	S	
--	--	--	--	JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, Structure 'D' in foreground with Structure 'C', view facing southeast, compare to current site photo 20170717_120616.jpg above.	SE	
7	17	12:48 pm	20170717_124812.jpg	JDH_1702/Camp Isbell, Structure 'C' overview	N	
--	--	--	--	JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, Structure 'C', view facing northeast, compare to current site photo 20170717_124812.jpg above	NE	
01	01	--	--	JDH_1702/Camp Isbell, 1954 Aerial Photograph, taken by the US ARMY, provided by Atlantic Richfield Company	Down	
6	28	9:18 am	20170628_091807.jpg	JDH_1702/Camp Isbell, Structure 'A' overview	N	
6	28	9:19 am	20170628_091936.jpg	JDH_1702/Camp Isbell, Structure 'A' overview	W	
6	28	9:20 am	20170628_092046.jpg	JDH_1702/Camp Isbell, Structure 'A' overview	S/SE	
6	28	9:22 am	20170628_092230.jpg	JDH_1702/Camp Isbell, Structure 'A' overview	S	
6	28	9:24 am	20170628_092426.jpg	JDH_1702/Camp Isbell, Structure 'A' overview of approximate location of historic drum storage area	SE	
6	28	9:44 am	20170628_094446.jpg	JDH_1702/Camp Isbell, Structure 'A', eastern portion structure detail	S	
6	28	9:47 am	20170628_094727.jpg	JDH_1702/Camp Isbell, Structure 'A', southern portion structure detail	E/SE	
6	28	9:32 am	20170628_093245.jpg	JDH_1702/Camp Isbell, Structure 'A', detail of screen door and structural debris	Plan	

Mo.	Day	Time	Exp/Frame	Subject / Description	View	Accession #
7	17	1:27 pm	20170717_132710.jpg	JDH_1702/Camp Isbell, Overview of Structure 'B'/Feature F-28 remains, push pile of debris	SW	
7	17	1:28 pm	20170717_132904.jpg	JDH_1702/Camp Isbell, Overview of Structure 'B'/Feature F-28 remains, push pile of debris	NW/N	
7	17	12:52 pm	20170717_125251.jpg	JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C' foundation	NW/N	
7	17	12:54 pm	20170717_125415.jpg	JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C' foundation	S/SE	
7	17	12:55 pm	20170717_125541.jpg	JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C', retaining wall, northwest corner of Structure 'C'	S	
7	17	1:07 pm	20170717_130706.jpg	JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C', I-beam reinforcements for haul truck/heavy equipment service entrance	S/SE	
7	17	1:14 pm	20170717_131440.jpg	JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C', intact portion of concrete foundation	E	
7	17	12:08 pm	20170717_120858.jpg	JDH_1702/Camp Isbell, Overview of approximate location of Structure 'D' (no longer extant)	S	
7	17	10:57 am	20170717_105755.jpg	JDH_1702/Camp Isbell, Site overview of camp area (1) from the north end moving south	S	
7	7	10:59 am	20170717_105947.jpg	JDH_1702/Camp Isbell, Site overview of camp area (2) moving south with Feature F-31 (road)	S	
7	17	11:03 am	20170717_110123.jpg	JDH_1702/Camp Isbell, Site overview of camp area (3) moving south with Features F-15 (concrete cistern), F-16 (depression with 3 inch pipe), F-17 (buried pipe), and F-18 (collapsed bench and camp fire ring)	S	
7	17	11:12 am	20170717_111205.jpg	JDH_1702/Camp Isbell, Site overview of camp area (4) moving south	S	
7	17	9:12 am	20170717_091246.jpg	JDH_1702/Camp Isbell, Overview of start of Feature F-01 (ditch)	N	
7	17	9:15 am	20170717_091511.jpg	JDH_1702/Camp Isbell, Overview of terminus of Feature F-01 (ditch)	S	
7	17	9:28 am	20170717_091825.jpg	JDH_1702/Camp Isbell, Overview of start of Feature F-02 (ditch) with Feature F-05 (concrete cistern) and F-02a (imbedded pipe)	SE	
7	17	9:18 am	20170717_091656.jpg	JDH_1702/Camp Isbell, Overview of terminus of Feature F-02 (ditch)	S/SW	
7	17	9:21 am	20170717_092145.jpg	JDH_1702/Camp Isbell, Overview of Feature F-03, lumber and debris	NE	
7	17	9:31 am	20170717_093125.jpg	JDH_1702/Camp Isbell, Overview of Feature F-04, camp fire ring	NE	
7	17	9:33 am	20170717_093338.jpg	JDH_1702/Camp Isbell, Overview of Feature F-05, concrete cistern	SW	
7	17	9:35 am	20170717_093514.jpg	JDH_1702/Camp Isbell, Overview of Feature F-06, concrete cistern	SE	
7	24	12:36 pm	JDH_1702Feature06.pdf	Feature F-06, concrete cistern illustration	N/A	

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PHOTOGRAPH RECORD

Primary # _____
HRI # _____
Trinomial _____

Project Name:
Year 2017
Camera Format: DIGITAL
Lens Size: 35mm
Roll #NA
Film Type and Speed Digital
Negatives Kept at: Amec Foster Wheeler Reno, NV

Mo.	Day	Time	Exp/Frame	Subject / Description	View	Accession #
7	17	9:36 am	20170717_093621.jpg	JDH_1702/Camp Isbell, Overview of Feature F-06, concrete cistern	Plan	
7	17	9:38 am	20170717_093809.jpg	JDH_1702/Camp Isbell, Overview of Feature F-07, standing and buried pipe, with Feature F-06 (concrete cistern)	NW/N	
7	17	9:40 am	20170717_094049.jpg	JDH_1702/Camp Isbell, Overview of Feature F-08, depression and pipe with rebar	SW	
7	17	9:45 am	20170717_094523.jpg	JDH_1702/Camp Isbell, Overview of Feature F-09, depression	E	
7	17	9:48 am	20170717_094802.jpg	JDH_1702/Camp Isbell, Overview of Feature F-10, depression	E	
7	17	9:49 am	20170717_094912.jpg	JDH_1702/Camp Isbell, Overview of Feature F-11, depression with Feature F-31 (road)	NW/N	
7	17	9:51 am	20170717_095114.jpg	JDH_1702/Camp Isbell, Overview of Feature F-12, depression with buried elbow joint pipe	NW	
7	17	9:56 am	20170717_095608.jpg	JDH_1702/Camp Isbell, Overview of Feature F-13, depression	NW/N	
7	17	10:02 am	20170717_100244.jpg	JDH_1702/Camp Isbell, Overview of Feature F-14, culvert with push pile and associated artifacts	SE/S	
7	17	10:12 am	20170717_101231.jpg	JDH_1702/Camp Isbell, Overview of Feature F-15, concrete cistern	E	
7	17	10:13 am	20170717_101335.jpg	JDH_1702/Camp Isbell, Overview of Feature F-16, depression with 3 inch buried pipe	Plan	
7	17	10:17 am	20170717_101710.jpg	JDH_1702/Camp Isbell, Overview of Feature F-17, buried pipe	Plan	
7	17	10:24 am	20170717_102433.jpg	JDH_1702/Camp Isbell, Overview of Feature F-18, camp fire ring and collapsed bench	SE	
7	17	11:29 am	20170717_112932.jpg	JDH_1702/Camp Isbell, Overview of Feature F-19, depression with buried pipe	N/NE	
7	17	11:34 am	20170717_113414.jpg	JDH_1702/Camp Isbell, Overview of Feature F-20, depression	E	
7	17	11:37 am	20170717_113738.jpg	JDH_1702/Camp Isbell, Overview of Feature F-21, partially buried shaker screen	E	
7	17	11:38 am	20170717_113829.jpg	JDH_1702/Camp Isbell, Overview of Feature F-22, depression	N	
7	17	11:54 am	20170717_115411.jpg	JDH_1702/Camp Isbell, Overview of Feature F-23, concrete cistern with cap	W/NW	
7	17	11:54 am	20170717_115455.jpg	JDH_1702/Camp Isbell, Overview of Feature F-24, concrete cistern	W	
7	17	11:58 am	20170717_115754.jpg	JDH_1702/Camp Isbell, Overview of Feature F-25, tree-mounted lighting fixture	SE/S	
7	17	12:00 pm	20170717_120016.jpg	JDH_1702/Camp Isbell, Overview of Feature F-26, concrete cistern	Plan	
7	17	12:01 pm	20170717_120144.jpg	JDH_1702/Camp Isbell, Overview of Features F-27A, F-27B, F-27C, and F-27D (identical concrete footings)	S	
7	17	1:34 pm	20170717_133452.jpg	JDH_1702/Camp Isbell, Overview of Feature F-29, two standing pipes	NW/N	

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PHOTOGRAPH RECORD

Primary # _____
HRI # _____
Trinomial _____

Project Name:
Year 2017
Camera Format: DIGITAL
Lens Size: 35mm
Roll #NA
Film Type and Speed Digital
Negatives Kept at: Amec Foster Wheeler Reno, NV

Mo.	Day	Time	Exp/Frame	Subject / Description	View	Accession #
7	17	1:37 pm	20170717_133746.jpg	JDH_1702/Camp Isbell, Overview of Feature F-30, well head	E	
7	17	12:05 pm	20170717_120514.jpg	JDH_1702/Camp Isbell, Overview of Feature F-31, road from the south end of camp area	N	
7	17	9:58 am	20170717_095858.jpg	JDH_1702/Camp Isbell, Overview of Feature F-31, road	S	
7	17	9:57 am	20170717_095717.jpg	JDH_1702/Camp Isbell, Overview of Feature F-31, road	NW/N	
7	17	1:24 pm	20170717_132452.jpg	JDH_1702/Camp Isbell, Feature F-32, tree-mounted brown ceramic insulator (on tree branch)	N	
7	17	1:33 pm	20170717_133308.jpg	JDH_1702/Camp Isbell, Feature F-33, tree-mounted insulator hub, facing south-southwest,	S/SW	
7	17	10:34 am	20170717_103412.jpg	JDH_1702/Camp Isbell, Overview of Feature F-34, historic debris	NW	
7	17	11:22 am	20170717_112248.jpg	JDH_1702/Camp Isbell, Overview of Feature F-35, buried pipe with "CRANE" makers mark and buried valve	Plan	
7	17	9:25 am	20170717_102944.jpg	JDH_1702/Camp Isbell, Artifact A-01, boot	Plan	
7	17	11:48 am	20170717_114806.jpg	JDH_1702/Camp Isbell, Artifact A-02, vehicle bench springs	Plan	
7	17	11:04 am	20170717_110410.jpg	JDH_1702/Camp Isbell, Artifact A-03, toy truck fragment	Plan	
7	17	1:41 pm	20170717_134134.jpg	JDH_1702/Camp Isbell, Artifact A-04, clear glass jug base	Plan	
7	17	1:44 pm	20170717_134401.jpg	JDH_1702/Camp Isbell, Artifact A-05, clear glass bottle base	Plan	
7	17	1:50 pm	20170717_135006.jpg	JDH_1702/Camp Isbell, Artifact A-06, internally threaded 'TEXACO' barrel lid	Plan	

JDH_1702/Camp Isbell, Site overview, facing north, 20170628_090035.jpg

JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, view facing north, compare to current site photo 20170628_090035.jpg above

JDH_1702/Camp Isbell, Structure 'A' overview with cut stump adjacent to location where drums were once stacked, facing northeast, 20170717_135730.jpg

JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, Structure 'A' in foreground with Structure 'B' and Structure 'C', compare to current site photo 20170717_135730.jpg above

JDH_1702/Camp Isbell, Structure 'D' and Structure 'C' overview, facing south, 20170717_120616.jpg

JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, Structure 'D' in foreground with Structure 'C', view facing southeast, compare to current site photo 20170717_120616.jpg above

JDH_1702/Camp Isbell, Structure 'C' overview, facing north, 20170717_124812.jpg

JDH_1702/Camp Isbell historic undated photograph circa 1960 provided to Atlantic Richfield via email on May 10, 2016, from the Regional Water Quality Control Board - Lahontan Region, Structure 'C', view facing northeast, compare to current site photo 20170717_124812.jpg above

JDH_1702/Camp Isbell, 1954 Aerial Photograph, taken by the US ARMY, provided by Atlantic Richfield Company

JDH_1702/Camp Isbell, Structure 'A' overview, facing north, 20170628_091807.jpg

JDH_1702/Camp Isbell, Structure 'A' overview, facing west, 20170628_091936.jpg

JDH_1702/Camp Isbell, Structure 'A' overview, facing south/southwest, 20170628_092046.jpg

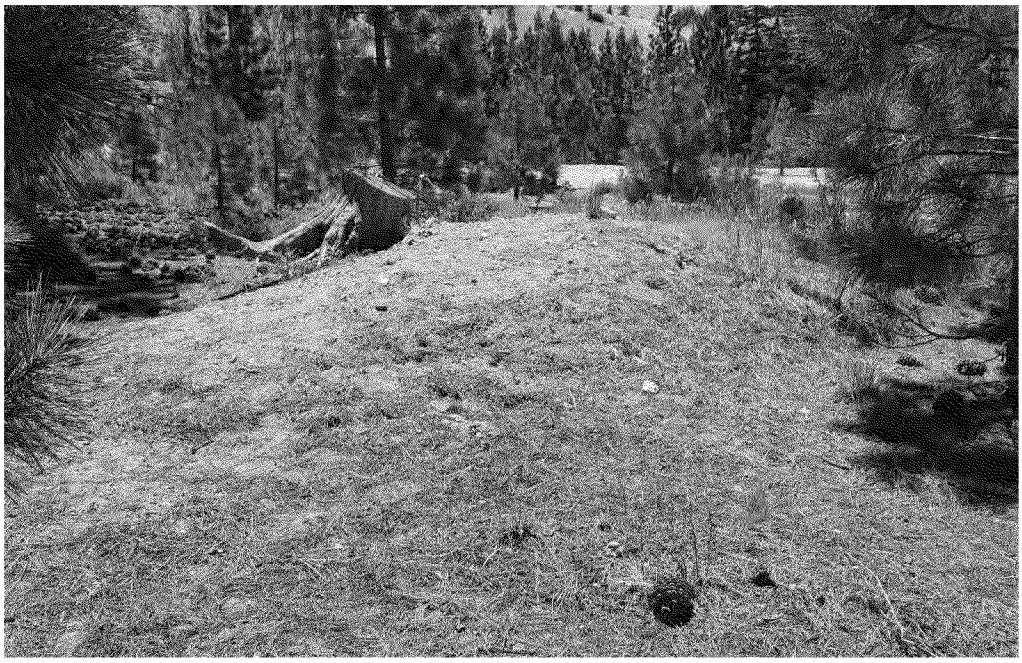
JDH_1702/Camp Isbell, Structure 'A' overview, south, 20170628_092230.jpg

JDH_1702/Camp Isbell, Structure 'A' overview of approximate location of historic drum storage area, facing southeast, 20170628_092426.jpg

JDH_1702/Camp Isbell, Structure 'A', eastern portion structure detail, facing south 20170628_094446.jpg

JDH_1702/Camp Isbell, Structure 'A', southern portion structure detail, facing east/southeast, 20170628_094727.jpg

JDH_1702/Camp Isbell, Structure 'A', detail of screen door and structural debris, plan view, 20170628_093245.jpg



JDH_1702/Camp Isbell, Overview of Structure 'B' /Feature F-28 remains, push pile of debris, facing southwest 20170717_132710.jpg

JDH_1702/Camp Isbell, Overview of Structure 'B' /Feature F-28 remains, push pile of debris, facing northwest-north, 20170717_132904.jpg

JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C' foundation, facing northwest-north, 20170717_125251.jpg

JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C' foundation, facing south-southeast, 20170717_125415.jpg

JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C', retaining wall, northwest corner of Structure 'C', facing south, 20170717_125541.jpg

JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C', I-beam reinforcements for haul truck/heavy equipment service entrance, facing south-southeast, 20170717_130706.jpg

JDH_1702/Camp Isbell, Overview of intact portion of Structure 'C', intact portion of concrete foundation, facing east, 20170717_131440.jpg

JDH_1702/Camp Isbell, Overview of approximate location of Structure 'D' (no longer extant), facing south, 20170717_120858.jpg

JDH_1702/Camp Isbell, Site overview of camp area (1) from the north end moving south, facing south, 20170717_105755.jpg

JDH_1702/Camp Isbell, Site overview of camp area (2) moving south with Feature F-31 (road), facing south, 20170717_105947.jpg

JDH_1702/Camp Isbell, Site overview of camp area (3) moving south with Features F-15 (concrete cistern), F-16 (depression with 3 inch pipe), F-17 (buried pipe), and F-18 (collapsed bench and camp fire ring), facing south, 20170717_110123.jpg

JDH_1702/Camp Isbell, Site overview of camp area (4) moving south, facing south, 20170717_111205.jpg

JDH_1702/Camp Isbell, Overview of Feature F-01 (ditch), facing north, 20170717_091246.jpg

JDH_1702/Camp Isbell, Overview of Feature F-01 (ditch), facing south, 20170717_091511.jpg

JDH_1702/Camp Isbell, Overview of start of Feature F-02 (ditch) with Feature F-05 (concrete cistern) and F-02a (imbedded pipe), facing southeast, 20170717_091825.jpg

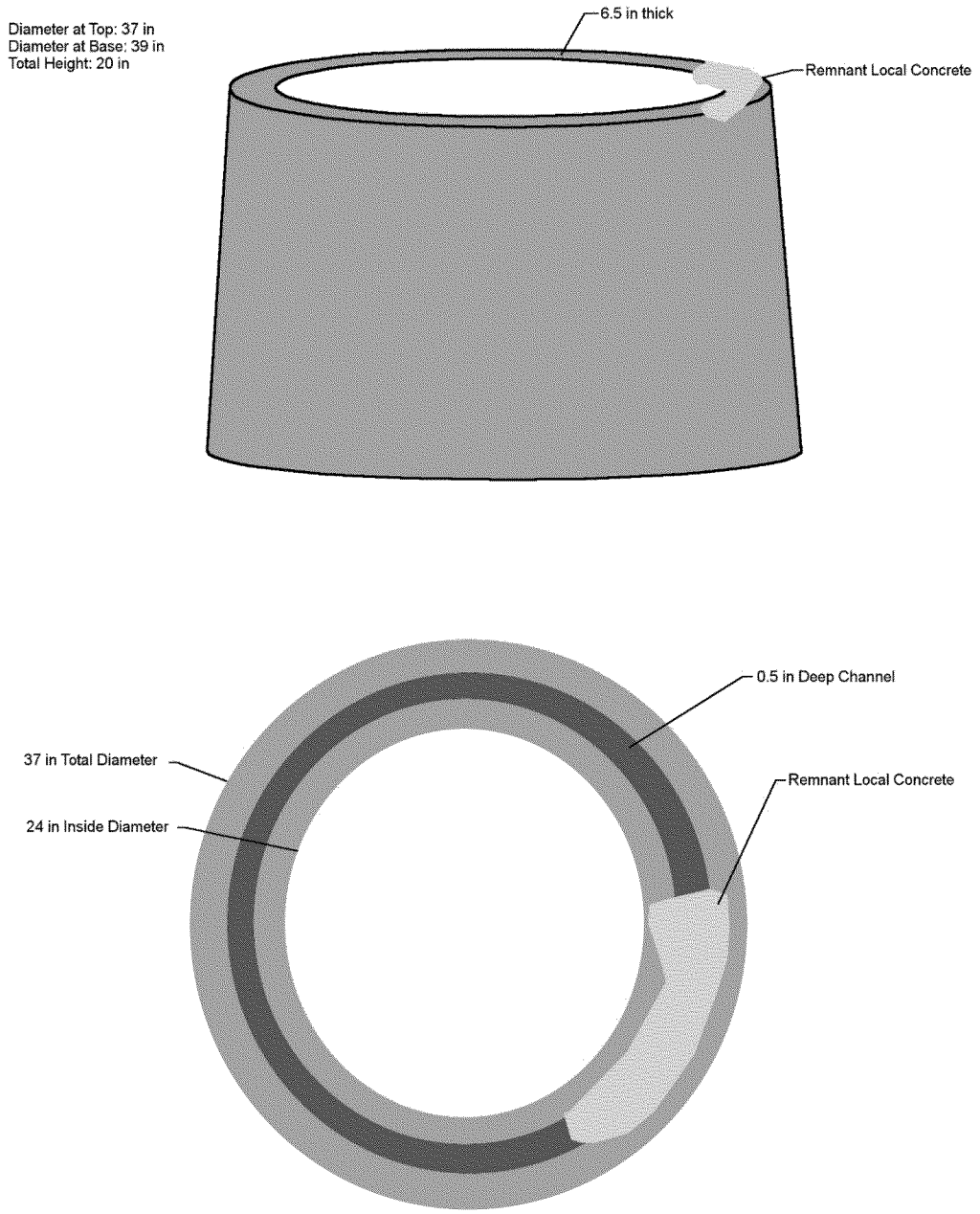
JDH_1702/Camp Isbell, Overview of terminus of Feature F-02 (ditch), facing south-southwest, 20170717_091656.jpg

JDH_1702/Camp Isbell, Overview of Feature F-03, lumber and debris, facing northeast, 20170717_092145.jpg

JDH_1702/Camp Isbell, Overview of Feature F-04, camp fire ring, facing northeast, 20170717_093125.jpg

JDH_1702/Camp Isbell, Overview of Feature F-05, concrete cistern, facing southwest, 20170717_093338.jpg

JDH_1702/Camp Isbell, Overview of Feature F-06, concrete cistern, facing southeast, 20170717_093514.jpg



Feature F-06, concrete cistern illustration

JDH_1702/Camp Isbell, Overview of Feature F-06, concrete cistern, plan view, 20170717_093621.jpg

JDH_1702/Camp Isbell, Overview of Feature F-07, standing and buried pipe, with Feature F-06 (concrete cistern), facing northwest-north, 20170717_093809.jpg

JDH_1702/Camp Isbell, Overview of Feature F-08, depression and pipe with rebar, facing southwest, 20170717_094049.jpg

JDH_1702/Camp Isbell, Overview of Feature F-09, depression, facing east, 20170717_094523.jpg

JDH_1702/Camp Isbell, Overview of Feature F-10, depression, facing east, 20170717_094802.jpg

JDH_1702/Camp Isbell, Overview of Feature F-11, depression with Feature F-31 (road), facing northwest-north, 20170717_094912.jpg

JDH_1702/Camp Isbell, Overview of Feature F-12, depression with buried elbow joint pipe, facing northwest, 20170717_095114.jpg

JDH_1702/Camp Isbell, Overview of Feature F-13, depression, facing northwest-north, 20170717_095608.jpg

JDH_1702/Camp Isbell, Overview of Feature F-14, culvert with push pile and associated artifacts, facing southeast-south, 20170717_100244.jpg

JDH_1702/Camp Isbell, Overview of Feature F-15, concrete cistern, facing east, 20170717_101231.jpg

JDH_1702/Camp Isbell, Overview of Feature F-16, depression with 3 inch buried pipe, plan view, 20170717_101335.jpg

JDH_1702/Camp Isbell, Overview of Feature F-17, buried pipe, plan view, 20170717_101710.jpg

JDH_1702/Camp Isbell, Overview of Feature F-18, camp fire ring and collapsed bench, facing southeast, 20170717_102433.jpg

JDH_1702/Camp Isbell, Overview of Feature F-19, depression with buried pipe, facing north-northeast, 20170717_112932.jpg

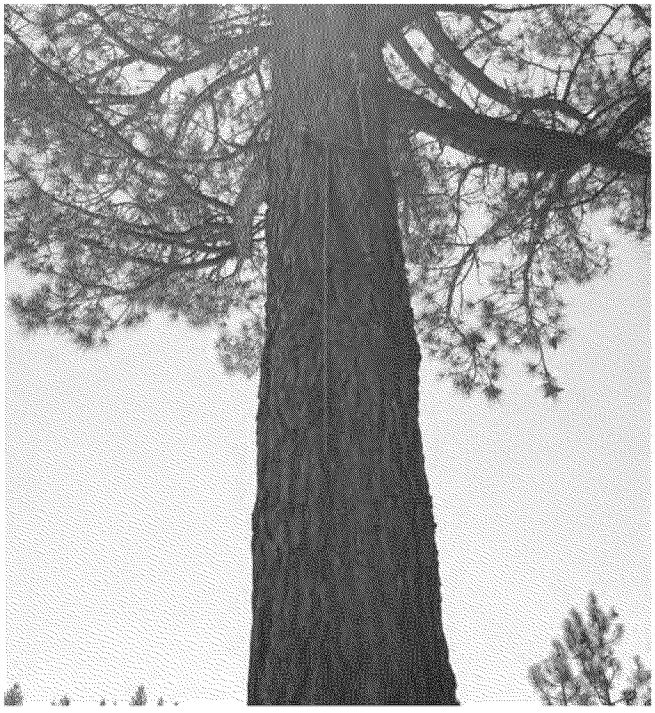
JDH_1702/Camp Isbell, Overview of Feature F-20, depression, facing east, 20170717_113414.jpg

JDH_1702/Camp Isbell, Overview of Feature F-21, partially buried shaker screen, facing east, 20170717_113738.jpg

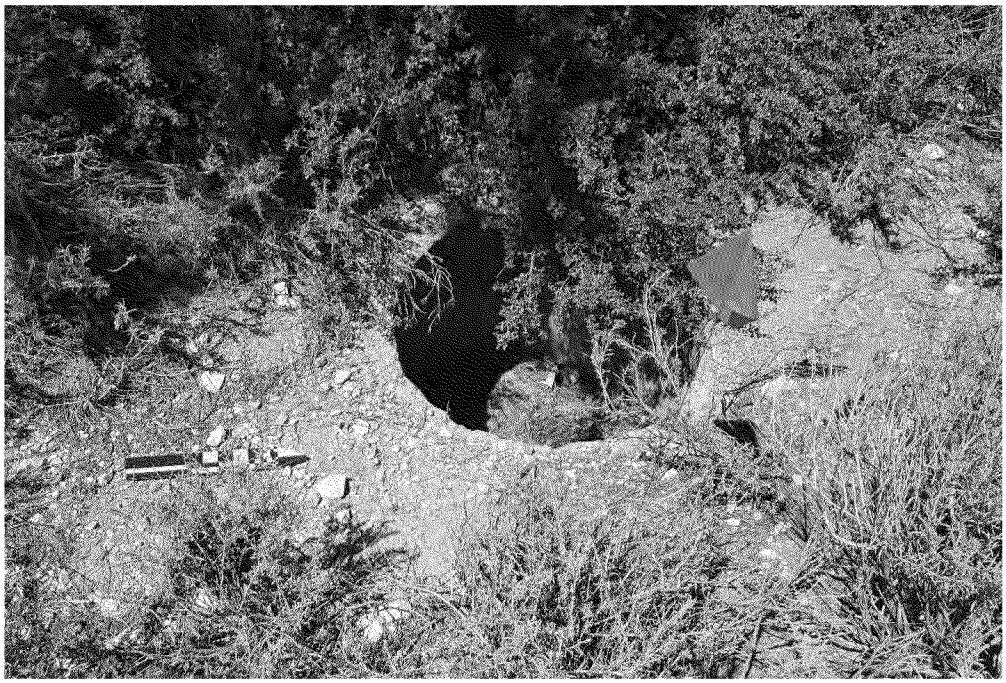
JDH_1702/Camp Isbell, Overview of Feature F-22, depression, facing north, 20170717_113829.jpg

JDH_1702/Camp Isbell, Overview of Feature F-23, concrete cistern with cap, facing west-northwest, 20170717_115411.jpg

JDH_1702/Camp Isbell, Overview of Feature F-24, concrete cistern, facing west, 20170717_115455.jpg

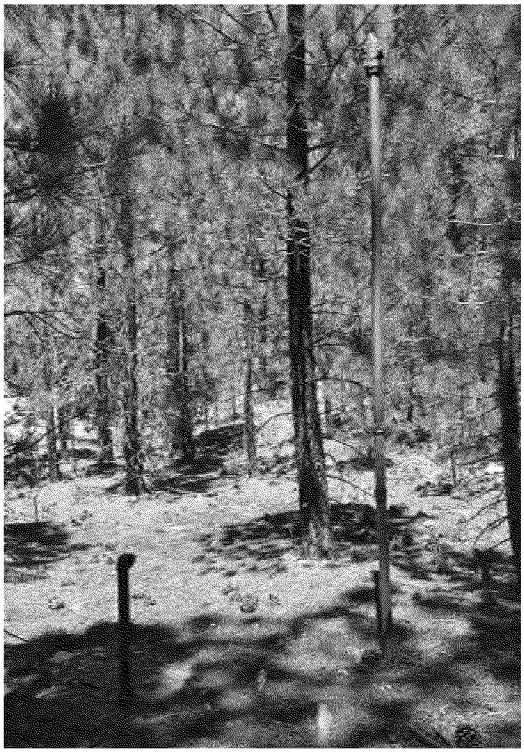


JDH_1702/Camp Isbell, Overview of Feature F-25, tree-mounted lighting fixture, facing southeast-south, 20170717_115754.jpg



JDH_1702/Camp Isbell, Overview of Feature F-26, concrete cistern, plan view, 20170717_120016.jpg

JDH_1702/Camp Isbell, Overview of Features F-27A, F-27B, F-27C, and F-27D (identical concrete footings), facing south, 20170717_120144.jpg



JDH_1702/Camp Isbell, Overview of Feature F-29, two standing pipes, facing northwest-north, 20170717_133452.jpg

JDH_1702/Camp Isbell, Overview of Feature F-30, well head, facing east, 20170717_133746.jpg

JDH_1702/Camp Isbell, Overview of Feature F-31, road from the south end of camp area, facing north, 20170717_120514.jpg

JDH_1702/Camp Isbell, Overview of Feature F-31, road, facing south, 20170717_095858.jpg

JDH_1702/Camp Isbell, Overview of Feature F-31, road, facing northwest-north, 20170717_095717.jpg

JDH_1702/Camp Isbell, Feature F-32, tree-mounted brown ceramic insulator (on tree branch), facing north, 20170717_132452.jpg

JDH_1702/Camp Isbell, Feature F-33, tree-mounted insulator hub, facing south-southwest, 20170717_133308.jpg

JDH_1702/Camp Isbell, Overview of Feature F-34, historic debris, facing northwest, 20170717_103412.jpg

JDH_1702/Camp Isbell, Overview of Feature F-35, buried pipe with "CRANE" makers mark and buried valve, plan view, 20170717_112248.jpg

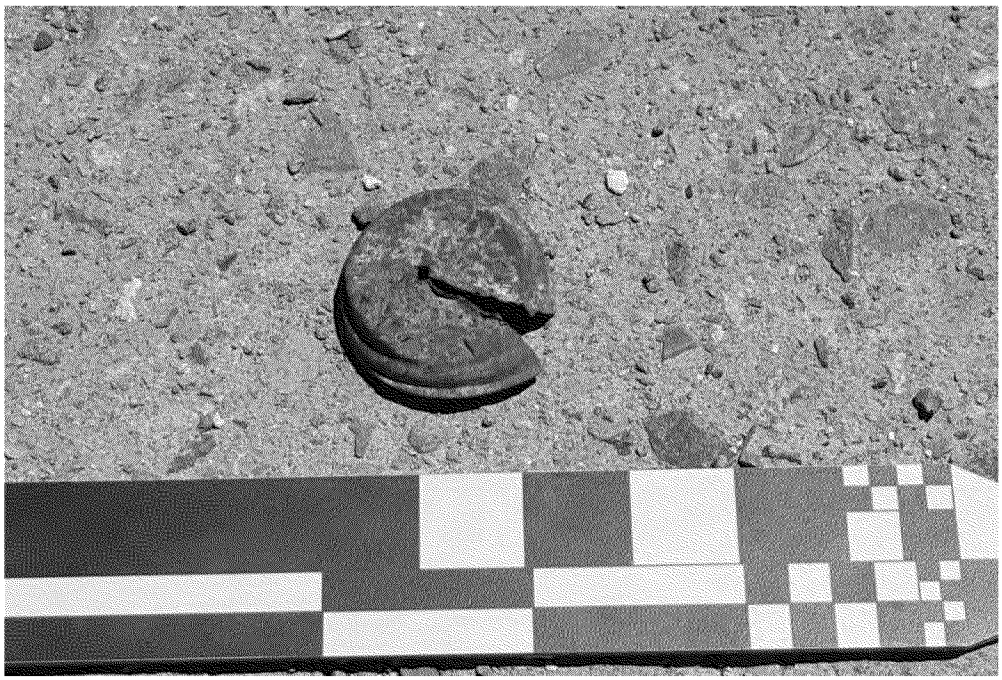
JDH_1702/Camp Isbell, Artifact A-01, boot, plan view, 20170717_102944.jpg

JDH_1702/Camp Isbell, Artifact A-02, vehicle bench springs, plan view, 20170717_114806.jpg

JDH_1702/Camp Isbell, Artifact A-03, toy truck fragment, plan view, 20170717_110410.jpg

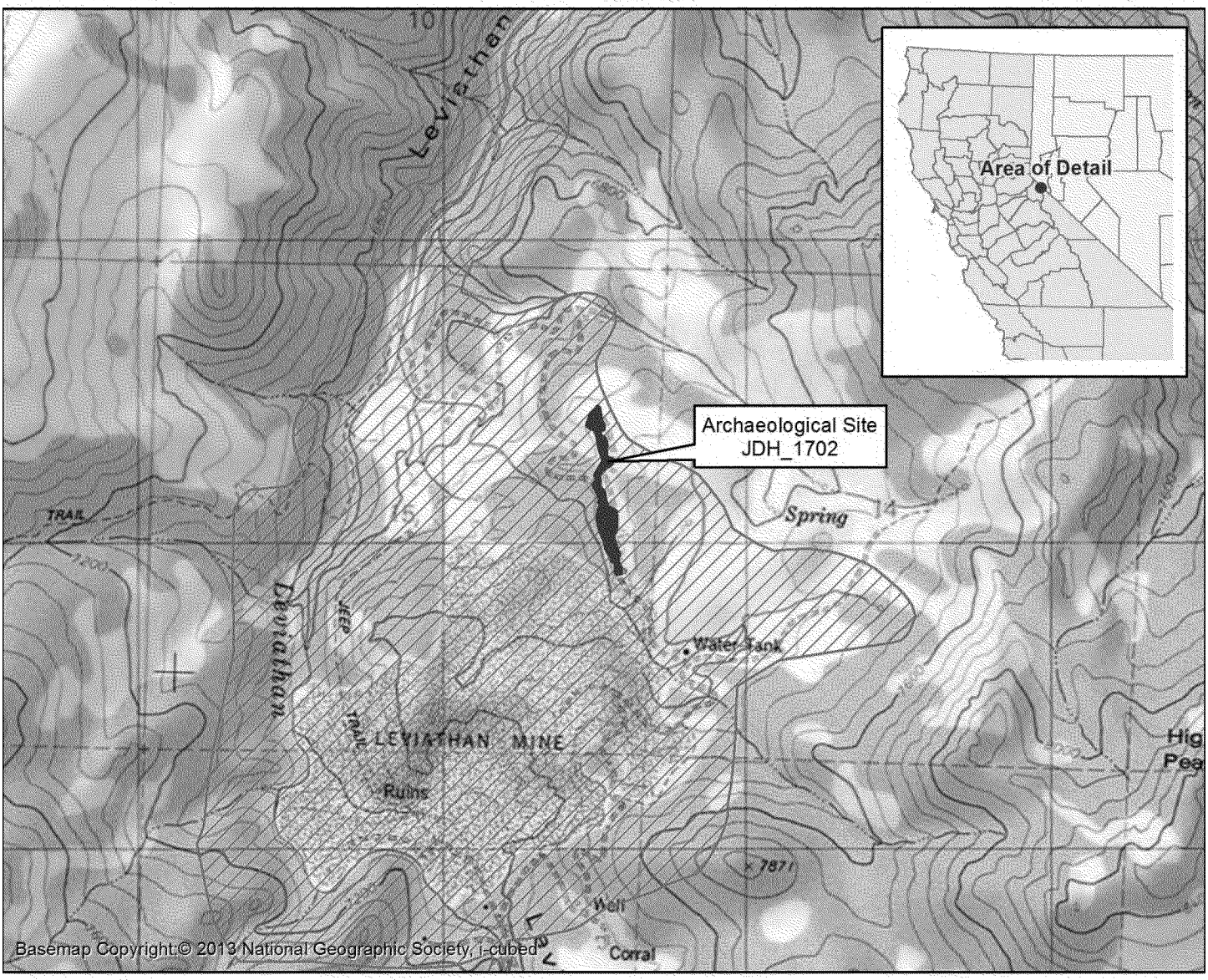
JDH_1702/Camp Isbell, Artifact A-04, clear glass jug base, plan view, 20170717_134134.jpg

JDH_1702/Camp Isbell, Artifact A-05, clear glass bottle base, plan view, 20170717_134401.jpg



JDH_1702/Camp Isbell, Artifact A-06, internally threaded 'TEXACO' barrel lid, plan view, 20170717_135006.jpg

(267,483 4,289,960) Coordinates for Map Corners (271,446 4,289,960)



(267,483 4,286,790) UTM Zone 11N NAD83 (271,446 4,286,790)

0 0.25 0.5 0.75 1 Km
0 0.1 0.2 0.3 0.4 0.5 Mi

N

1:24,000

Archaeological Site JDH_1702 Location

Project APE

Agency Rep. R2013041702306
Amec Foster Wheeler Project No. 0013091150
Drawn By - Date TAM - 8/7/2017
Approved By - Date JDH - 8/7/2017

USGS 7.5' Topographic Map Series
Heenan Lake, California Quadrangle (1979)
Sections 15 of Township 10 N, Range 21 E, M.D.M.

Note
All locations and boundaries approximate

Figure 1: Site JDH_1702 Vicinity

State of California – The Resources Agency DEPARTMENT OF PARKS AND RECREATION **SKETCH MAP**	Primary # HR1# Trinomial

Page 59 of 59 *Resource Name or # JDH_1702 / Camp Isbell
Drawn By: Tyler McWilliams Date: 8/3/2017

(269,132 4,288,664) Coordinates for Map Corners (269,793 4,288,664)

(269,132 4,288,051) UTM Zone 11N NAD83 (269,793 4,288,051)

0 40 80 120 160 Meters
0 80 160 240 320 400 Feet
N
1:4,000

Note
All locations and boundaries approximate

Historic Feature
Archaeological Site Boundary
Feature
Artifact

Agency Rep. R2013041702306	Amec Foster Wheeler Project No. 0013091150
Drawn By - Date TAM - 8/3/2017	Approved By - Date JDH - 8/3/2017

Figure 2: Site JDH_1702 Sketch