

United States Nuclear Regulatory Commission Official Hearing Exhibit	
In the Matter of:	CROW BUTTE RESOURCES, INC. (License Renewal for the In Situ Leach Facility, Crawford, Nebraska)
ASLBP #:	08-867-02-OLA-BD01
Docket #:	04008943
Exhibit #:	NRC-054J-00-BD01
Admitted:	8/18/2015
Rejected:	
Other:	
Identified:	8/18/2015
Withdrawn:	
Stricken:	

25DW369 (2368-S020)

Site 25DW369 is a historic debris scatter located in Section 12 T29N R51W, in a small gully above a large northwest to southeast trending drainage in the rolling uplands (**Figures 104 and 111**). The site area measures 173 feet by 142 feet and covers an area of 18,065 square feet. Vegetation consists of a moderate grass cover with sparse yucca affording 75 percent bare ground visibility. Sediments consist of sandy clay loam intermixed with gravels (10%). Impacts to the site include historic ranching and farming activities throughout the area, grazing, and wind and water erosion. The site datum is a GPS point taken from the center of the debris scatter.

The main scatter of historic debris is located in a gully and measures 100 feet by 100 feet with artifacts washing down-slope to the northwest and into the drainage. One 6½ ounce clear glass Dr. Pepper bottle fragment embossed with "10-2-4" and several large scraps metal pieces were observed in the drainage north of the main debris scatter (**Figures 105 and 106**). Cultural materials consist primarily of cans and glass bottles for automotive, food, alcohol, cosmetic, pharmaceutical, and household use. Cans consist of 20 paint cans, 55+ large sanitary food cans, 35+ 3-piece sanitary food cans, seven coffee cans, 65+ "Kendall Motor Oil" cans, 30 oil cans, 160+ beverage cans (pull top), five rectangular "Prestone Everready Antifreeze" cans, eight small food cans, 15+ oil filters, and one gasoline can. Glass bottles and jars consist of eight screw top juice bottles (clear glass), 30+ soda bottles (pint, clear glass), 25+ soda bottles (12 oz, brown or clear glass), 25+ screw top condiment jars and bottles (ketchup, jam, and other), 15 screw top liquor bottles (pint, quart, gallon of clear and brown glass), six beer bottles (brown glass), two small lotion bottles, three screw top syrup bottles (clear and brown glass), five screw top food jars (clear glass), one self-sealing food jar (clear glass), one small screw top medicine bottle with dispenser tube (brown glass), two screw top Clorox bottles (brown glass), one wide mouthed condiment bottle (aqua glass), and two "Old Spice" bottles. Other cultural materials include one child's metal wagon, one pitch fork, three aerosol cans, two barrels, one automobile gas tank, three automobile doors, one rubber inner-tube, one metal bucket, enamel kitchenware, scrap hog and barbed wire, three shoe soles, 12 tires, 10 Pyrex dishware shards (white, turquoise), one stoneware shard, four whiteware shards, and 37 glass (milk, green, clear, brown, purple, aqua) shards.

Historic and modern materials from site 25DW369 primarily represent activities dating from the mid to late-1900s, with several interesting diagnostic artifacts that include one 7 ounce clear glass Lustre-Crème shampoo bottle manufactured from the late 1940s to early 1960s (**Figure 107**), one ½ gallon brown glass Hi-Lex bleach jug manufactured from 1910 to the 1950s (**Figure 108**), one half gallon brown glass Clorox bleach jug manufactured from 1940 to 1942 (**Figure 109**), and one green glass hobbleskirt Coca-Cola bottle manufactured from 1923 to the present (**Figure 110**).

This historic debris scatter represents a secondary context for artifacts commonly recorded in the area, but the National Register criteria does not dismiss resources as insignificant simply because there are numerous examples of the type. National Register eligibility for any property, including historic period archeological sites, depends on integrity and significance. Integrity for a historic period archaeological site is based on the presence of features and whether or not they can tell us something about the location. Based on the artifacts recorded, site 25DW359 is a single dump event with materials dating to from the mid to late-1900s. Historic debris site 25DW359 does not retain enough integrity to qualify for the National Register. Lack of integrity alone, however, does not automatically exclude this site as eligible for the National Register. Significance was assessed following intensive survey and a historic records search that included a files search and architectural/structures property search conducted through the Nebraska SHPO; review of

the National Register of Historic Places (NRHP) database for Dawes County, Nebraska; review of the National Historic Landmark inventory (NHL); review of General Land Office (GLO) Plats; and local literature review; that revealed sustained Euro-American historic occupation in this area occurred between 1890 to present day, and no leases or purchasers were found that can be associated with an important person or persons of "significance in history" or having an uncommon ethnic affiliation. Finally, there are no features associated with site 25DW359. Therefore, site 25DW359 does not possess enough significance to qualify for the National Register. Site 25DW359 is a common historic site likely associated with modern habitation activities in the region that ARCADIS recommends **not eligible for listing on the NRHP and no further work is necessary.**



Figure 104. 25DW369, site overview, facing east. Photograph taken by Ashley Howder on 2/16/11.



Figure 105. 25DW369, drainage overview, facing east. Photograph taken by Ashley Howder on 2/16/11.



Figure 106. 25DW369, embossed Dr. Pepper bottle fragment. Photograph taken by Ashley Howder on 2/16/11.



Figure 107. 25DW369, Lustre-Crème shampoo bottle. Photograph taken by Ashley Howder on 2/16/11.



Figure 108. 25DW369, embossed Hi-Lex bleach bottle. Photograph taken by Ashley Howder on 2/16/11.

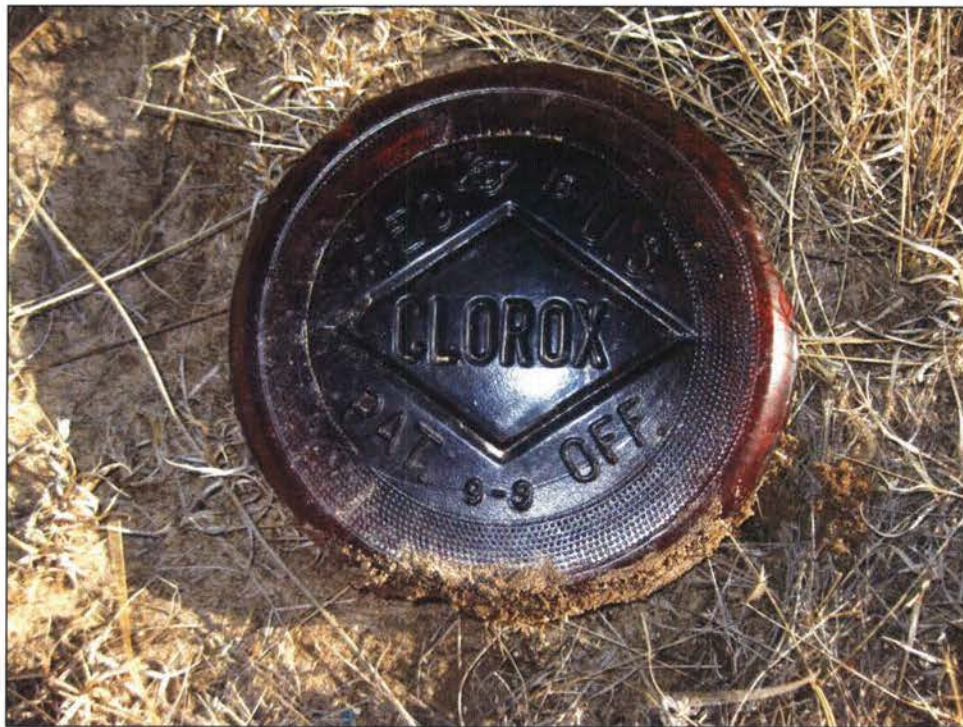


Figure 109. 25DW369, embossed Hi-Lex bleach bottle. Photograph taken by Ashley Howder on 2/16/11.



Figure 110. 25DW369, hobbleskirt Coca-Cola embossed green bottle fragment. Photograph taken by Ashley Howder on 2/16/11.