

## Fiscal Year (FY) 2022 Major Highlights-BLM New Mexico

The Bureau of Land Management (BLM) New Mexico State Office (NMSO) is responsible for managing the cultural resources program for public lands in New Mexico, Oklahoma, Texas, and Kansas. The proactive component of the program is primarily focused on the public surface estate, but also includes outreach and education efforts in areas such as Oklahoma where the bulk of BLM's management responsibilities are for federal mineral estate. The highlights reported here focus on BLM's proactive management of cultural resources as well as its' responsibilities under cultural resources authorities beyond the Section 106 compliance requirements. Our proactive efforts support the Secretary of Interior's priorities over the entirety of FY22. The priorities supported by our work focus on identifying steps to accelerate responsible development of renewable energy on public lands and waters, strengthening the government-to-government relationship with sovereign Tribal Nations, making investments to support the Administration's goal of creating millions of family-supporting and union jobs, working to conserve at least 30% each of our lands and waters by the year 2030, and centering equity and environmental justice.

Conservation stewardship is an important aspect of BLM proactive management of cultural resources, which range include archaeological sites, historic buildings, and traditional cultural places, to the artifact collections from those important resources. Due to the density of significant cultural resources across the public lands in New Mexico, effective management of these sites, including monitoring, protection, and stabilization, helps keep areas open for recreation opportunities. To this end, BLM NM-OK-TX-KS engages in a range of activities such as monitoring sites, mitigating vandalism, educating the public and industry, collecting baseline inventory data, maintaining access to interpreted sites, maintaining stabilized ruins, tribal consultation, and managing collections to ensure they are accessible to tribes, the public and researchers.

If you have any questions about this report, please contact Jarrod X Kellogg, Acting Deputy Preservation Officer, at [jkellogg@blm.gov](mailto:jkellogg@blm.gov) or 307-261-7596.

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| 1. <i>Project title:</i> Mescalero Apache Agave Harvest  |  |
| 2. <i>Field or district:</i> Carlsbad Field Office (CFO)   | 3. <i>Org. code:</i> LLNMP02000  |
| <p>4. <i>Department of the Interior Priority (2022)¹:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input checked="" type="checkbox"/> Centering equity and environmental justice.</p> | <p>5. <i>Theme²:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input checked="" type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br/> Mescalero Apache tribal members, along with archeologists, range land management specialists, and botanists from the BLM-CFO, collaborated to identify multiple healthy and sustainable populations of agave on BLM surface that could be used as harvesting areas for the Mescalero Apache. This will allow for the collection of agave by Tribal members to use in puberty ceremonies for several years.</p>  |  |
| 7. <i>BPSS project number:</i> -   |  |
| 8. <i>BLM funding amount:</i> -  | 9. <i>Subactivity:</i> - L1050   |

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| <i>10. Partners/contribution:</i> Mescalero Apache<br>Tribe | <i>11. PE units:</i> AJ |
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| 1. <i>Project title:</i> Northwest New Mexico Site Stewards   |   |
| 2. <i>Field or district:</i> Farmington Field Office (FFO)  | 3. <i>Org. code:</i> LLNMF01000   |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i> <ul style="list-style-type: none"> <li><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</li> <li><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</li> <li><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</li> <li><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</li> <li><input type="checkbox"/> Centering equity and environmental justice.</li> </ul>  | 5. <i>Theme<sup>2</sup>:</i> <ul style="list-style-type: none"> <li><input type="checkbox"/> CRDP/NCRIMS</li> <li><input type="checkbox"/> Field School</li> <li><input type="checkbox"/> Museum Property Management</li> <li><input type="checkbox"/> NAGPRA</li> <li><input type="checkbox"/> NHPA Section 106 Project</li> <li><input type="checkbox"/> NHPA Section 110 Inventory/Survey</li> <li><input type="checkbox"/> NHPA Section 110 Data Recovery</li> <li><input type="checkbox"/> NRHP Nomination</li> <li><input type="checkbox"/> Outreach, Interpretation, Education</li> <li><input type="checkbox"/> Paleontology</li> <li><input type="checkbox"/> Research</li> <li><input type="checkbox"/> Restoration/Stabilization</li> <li><input type="checkbox"/> Tribal Consultation and Coordination</li> <li><input type="checkbox"/> ARPA</li> <li><input checked="" type="checkbox"/> Other</li> </ul> |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i> <p>The Northwest New Mexico Site Stewards program is a collaboration between the BLM and local volunteers who monitor archeological sites throughout the FFO. In fiscal year 2021, they made 298 visits to archaeological sites throughout the field office, which involved hundreds of hours of volunteer time and thousands of miles driven, time and effort which otherwise would be coming from BLM archaeologists. The Site Stewards not only act as our eyes on the ground monitoring archaeological resources have also been a visible presence during what has been a year of increased use of public lands. This type of site monitoring and tracking continues to protect these important resources. This also acts as an educational exercise for local communities, giving them the knowledge of why these sites are important and empowers them to help protect their public lands.</p> |   |

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| <i>7. BPSS project number:</i>                                     |                              |
| <i>8. BLM funding amount:</i>                                      | <i>9. Subactivity: L1050</i> |
| <i>10. Partners/contribution: New Mexico Site Stewards Program</i> | <i>11. PE units: MY</i>      |

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| 1. <i>Project title:</i> Farmington Field Office Resource Management Plan Amendment  |  |
| 2. <i>Field or district:</i> FFO   | 3. <i>Org. code:</i> LLNMF01000  |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme<sup>2</sup>:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input checked="" type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><p>Prior to the COVID-19 pandemic, FFO cultural resources staff and colleagues from the Bureau of Indian Affairs, Navajo Regional Office had been involved in extensive Section 106 consultation with regional Tribes and Pueblos as part of the Farmington Mancos-Gallup Resource Management Plan Amendment and Environmental Impact Statemen (EIS). Once the COVID-19 pandemic struck it was obvious that the best way to ensure meaningful consultation and self-determination for the consulting Tribes and Pueblos was to effectively pause the consultation process allowing them to focus on the urgent needs of their communities. Additionally, there was conflict in that the strict timelines in place for the completion of the EIS were increasingly out of sync with the overall process of Section 106 consultations. The BLM and BIA were able to seek and receive permissions to ease the EIS</p> |  |

driven timelines to allow for appropriate consultations with the affected Tribes and Pueblos. Consultation has since resumed and development of a Programmatic Agreement to meet the needs of the NHPA Section 106 process is ongoing.

7. *BPSS project number:*

8. *BLM funding amount:*

9. *Subactivity:* L1610

10. *Partners/contribution:* Bureau of Indian Affairs, Navajo Nation, New Mexico State Historic Preservation Office, Pueblo of Acoma, Pueblo of Santo Domingo, Advisory Council on Historic Properties.

11. *PE units:* AJ

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| 1. <i>Project title:</i> Chaco Area Mineral Withdrawal  |  |
| 2. <i>Field or district:</i> FFO  | 3. <i>Org. code:</i> LLNMF01000  |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.   | 5. <i>Theme<sup>2</sup>:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input checked="" type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><p>The BLM is proposing to withdraw approximately 351,000 acres of public lands surrounding Chaco Culture National Historical Park from mineral development. This action follows President Biden’s announcement on November 15, 2021, of the Department’s new efforts to protect the Chaco Canyon and the greater connected landscape, and to ensure that public land management better reflects the sacred sites, stories, and cultural resources in the region. Several meetings with Tribal governments and other partners occurred over FY2022 with more planned for FY2023.</p> <p>The proposed withdrawal of federal lands within a 10-mile radius around Chaco Culture National Historical Park would bar new federal oil and gas leasing on those lands. The two-</p> |  |



year segregation and potential withdrawal would not affect existing valid leases or rights and would not apply to minerals owned by private, state, or Tribal entities.

7. *BPSS project number:*

8. *BLM funding amount:*

9. *Subactivity:* L1610

10. *Partners/contribution:*

11. *PE units:* DN

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| 1. <i>Project title:</i> Old Town Publication Volume II  |  |
| 2. <i>Field or district:</i> LCDO  | 3. <i>Org. code:</i> LLNML03120  |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme<sup>2</sup>:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input checked="" type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input checked="" type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input checked="" type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><br>After several years of delay due to funding barriers, the long-awaited <i>Old Town Volume II</i> is in publication. Old Town is a large habitation site and ruin once inhabited by the Mimbres Mogollon and is an important archaeological complex in southwestern New Mexico in Luna County. The BLM sponsored archaeological excavations through numerous field schools at the site under the direction of Dr. Darrell Creel of the University of Texas at Austin from 1989-2003. Results of the excavation were published as <i>BLM New Mexico Cultural Resources Series No. 16, Volume 1</i> in 2006. Publishing of the second volume has been delayed by funding barriers until now.<br><br>Although once considered to be destroyed as an archaeological resource by illegal pothunting, professional excavation of the Old Town Ruin has provided important information about the |  |

lifeways of the Mimbres Mogollon people. This project not only benefits the archaeological community for future research opportunities, but also the public since it makes available information about our cultural heritage. Publishing this significant research helps facilitate the conservation of BLM lands because it educates the public about our shared cultural heritage and will inspire future endeavors to preserve our irreplaceable resources.

7. *BPSS project number:* BPS-24340

8. *BLM funding amount:* \$30,000

9. *Subactivity:* L1050

10. *Partners/contribution:* Dr. Darrell Creel,  
University of Texas at Austin

11. *PE units:* AE

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| 1. <i>Project title:</i> Three Rivers Coloring Books  |  |
| 2. <i>Field or district:</i> LCDO   | 3. <i>Org. code:</i> LLNML03120  |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input checked="" type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme<sup>2</sup>:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input checked="" type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br>BLM LCDO archaeologist Trinity Miller and volunteer Margaret Berrier, with a grant from the Site Steward Foundation, Inc. and BLM 1050 funds, designed and printed 2,500 copies of a coloring book specifically about the Three Rivers Petroglyph Site. The coloring book is now being handed out to youth who visit the BLM managed recreation site as well as during local outreach and education events. The coloring book focuses on Leave No Trace principles and archaeology site etiquette. This project helps facilitate the conservation of BLM lands since it helps protect a significant and sensitive archaeology site through educating the public how to recreate and enjoy BLM lands responsibly. The coloring books are also a powerful avenue to impact the local community in the borderlands through equity and environmental justice. Our |  |

communities are rural and impoverished and these interactive and educational coloring books help bridge the gap and make the knowledge more accessible to these groups.

7. *BPSS project number:*

8. *BLM funding amount:* \$1,700

9. *Subactivity:* L1050

10. *Partners/contribution:* Site Steward Foundation, Inc. & BLM Volunteer Margaret Berrier

11. *PE units:* AE

12. *Photo file name:* LCDO Narrative 3 - Coloring Books



*Caption:* Trinity Miller, BLM LCDO archaeologist, holds up the new Three Rivers Coloring Book.

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| 1. <i>Project title:</i> Archaeological Fair for National Public Lands Day  |   |
| 2. <i>Field or district:</i>  | 3. <i>Org. code:</i> LLNML03400   |
| <p>4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p> | <p>5. <i>Theme<sup>2</sup>:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input checked="" type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |

6. *Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):*

For National Public Lands Day on September 24<sup>th</sup>, the LCDO BLM cultural staff hosted an archaeological fair in Ice Canyon at Dripping Springs Natural Area celebrating the prehistoric and historic cultural heritage of Southern Mexico and West Texas. The fair included interpretative hikes to nearby La Cueva and Dripping Springs archaeological sites and several hands-on activities including adobe bricking making, flintknapping, a pump drill demonstration, wool spinning, a blacksmith display, and a coloring book activity with the new Three Rivers coloring book,

The event was possible thanks to the participation and support of multiple BLM partners in including Office of Archaeological Studies, Gila and Lincoln NF, International Boundary Commission, Hueco Tanks Texas State Park, New Mexico Farm and Ranch Museum, Tortugas Pueblo, and the Friends of the Organ Mountains-Desert Peaks. The LCDO recreation staff, park rangers, administration staff, BLM volunteers, and our local public affairs officer were all vital supporters in making the archaeological fair a great success. Over the course of the event, over 150 people visited the fair, with many local families in attendance.

The fair was a months-long planning effort led by BLM Monuments Archaeologist Garrett Leitermann. BLM LCDO cultural staff hope to make the archaeological fair at DSNA a yearly event.

7. *BPSS project number:* N/A

8. *BLM funding amount:* N/A

9. *Subactivity:* L1050

10. *Partners/contribution:* Office of Archaeological Studies, Gila and Lincoln NF, International Boundary Commission, Hueco Tanks Texas State Park, New Mexico Farm and Ranch Museum, Tortugas Pueblo, and Friends of the Organ Mountains-Desert Peaks

11. *PE units:* AE

12. *Photo file name:* Arch Fair #3



*Caption:* BLM GIS Archaeologist Felicia Luna and BLM District Archaeologist Martin Goetz manning the fair’s Welcome Booth.

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| 1. <i>Project title:</i> OMDPNM Collections on Display in University Museum Exhibit  |  |
| 2. <i>Field or district:</i> LCDO  | 3. <i>Org. code:</i> LLNML03400  |
| <p>4. <i>Department of the Interior Priority (2022)¹:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input checked="" type="checkbox"/> Centering equity and environmental justice.</p>   | <p>5. <i>Theme²:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input checked="" type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input checked="" type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input checked="" type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>On September 16<sup>th</sup>, the University Museum hosted the grand opening of their new exhibit “Humanhood in the Organ Mountains: Prehistory,” showcasing archaeological collections featuring artifacts excavated BLM lands that are now part of the Organ Mountains-Desert Peaks National Monument (OMDPNM). Many of the artifacts in the exhibit had never been on public display. The grand opening event had over 175 people attend. The exhibit is expected to remain open until the spring of 2023.</p> <p>Monuments Archaeologist Garrett Leitermann collaborated with University Museum Director Fumi Arakawa over the past year to assist in a portion of the research and design of the exhibit, including a BLM display. In November, Garrett Leitermann led two members from the Pueblo of Zuni and NMSU staff on visits to two archaeological sites managed by the</p> |  |



OMDPNM. Later, Zuni members viewed the several OMDPNM derived archaeological collections at the University Museum and provide their thoughts and interpretations. The site visits and the discussions of the archaeological collections with Zuni were incorporated into the Museum exhibit. The University Museum ensured that Zuni input and concerns were addressed over the course of the research collaboration and for the exhibit’s construction.

The exhibit is a testament to the potential of collaborative efforts between museums, sovereign Tribal Nations, and federal agencies. The research and subsequent museum exhibit have aided in strengthening the BLM’s ties to the Pueblo of Zuni by demonstrating the BLM’s commitment to ensuring that their cultural heritage is protected and preserved as well as ensuring Indigenous voices are centered in the story of museum exhibits that use BLM derived collections. Bringing Indigenous voices to the center of these museum narratives is critical in the BLM’s continued trust relationship with Sovereign Tribal Nations as it rectifies the injustices of years past when many Indigenous communities were excluded from telling the stories of themselves and their ancestors in museums. This collaborative effort has resulted in new interpretations and insights regarding prehistoric lifeways in OMDPNM, particularly the Chavez Cave site.

*7. BPSS project number: N/A*

*8. BLM funding amount: N/A*

*9. Subactivity: L1050*

*10. Partners/contribution: New Mexico State University, Pueblo of Zuni*

*11. PE units: AE*

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|---|---|
| 1. <i>Project title:</i> Strengthening Tribal Relations LCDO 2022   |   |
| 2. <i>Field or district:</i> LCDO   | 3. <i>Org. code:</i> LLNML03120   |
| <p>4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p>  | <p>5. <i>Theme<sup>2</sup>:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input checked="" type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input checked="" type="checkbox"/> Restoration/Stabilization</p> <p><input checked="" type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>The LCDO had multiple opportunities to conduct proactive and project related consultation and coordination throughout FY2022. LCDO Archeologist Cody Dalpra organized a yearly meeting with the Mescalero Apache and attended a Tribal ceremony on the reservation from July 23-25. The LCDO also consulted with Tribes on several site stabilization projects described elsewhere in this report.</p> <p>The LCDO contains several archeological sites tied to the Mimbres culture; however, many of the Tribes descended from these people have not historical consulted on projects found within in the district. To rectify this the LCDO sent letters to the Acoma Pueblo, Laguna Pueblo, San</p> |   |

Carlos Apache, and Pueblo of Zuni, descendants of the Mimbres culture, inviting them to participate in future consultations.

7. *BPSS project number:* N/A

8. *BLM funding amount:* \$5,500

9. *Subactivity:* 1050

10. *Partners/contribution:* N/A

11. *PE units:* AJ, HF

|   |   |
|---|---|
| 1. <i>Project title:</i> El Camino Real Interpretive Waysides   |   |
| 2. <i>Field or district:</i> LCDO   | 3. <i>Org. code:</i> LLNML03120   |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input checked="" type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme<sup>2</sup>:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input checked="" type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input checked="" type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br>Interpretative signs are being installed on two way stops along the Jornada del Muerto section of the El Camino Real as a mitigation for the construction of the Southern Road to Spaceport America. These will complement the two existing waysides. The first wayside is next to I-25 and will be an orientation area with 6 different interpretive signs. The topics are meant to update other interpretation by adding new perspectives such as the children’s’ experience, how transportation changed, and the economic impact of the historic trail. The second way stop will focus on varied experiences of the trail and later usages such as the railroad and ranching with also 6 panels in total. While mentioning the dry and sometimes hostile Jornada, these panels expand interpretation to the various experiences and not focusing solely on the harshness of the environment. |   |

Coordination with the contractor (SRI Inc), Spaceport America, and the National Historic Trails Office (NPS) is resulting in a quality product. A site visit and hike to the interpretive sites with several members of the National Historic Trails office, ORP Allie Bettinger and Archaeologist Cody Dalpra also furthered communication, coordination, and co-management of the trail, in addition to providing new on how to make it better, including the replacement of current signs that are damaged and stolen.

7. *BPSS project number:* N/A

8. *BLM funding amount:* \$40,000

9. *Subactivity:* L1050, L1220, L1660

10. *Partners/contribution:* NPS National Trails Office, Spaceport America, SRI, inc.

11. *PE units:* LA, AE

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| 1. <i>Project title:</i> Butterfield Trail 110 Survey  |  |
| 2. <i>Field or district:</i> LCDO  | 3. <i>Org. code:</i> LLNML03120  |
| <p>4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p>   | <p>5. <i>Theme<sup>2</sup>:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input checked="" type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>The LCDO contracted out a survey of 578 acres focused on the historic Butterfield Overland Trail (Butterfield Overland Stage Trail). The Butterfield Overland Stage was the first overland route to the west coast, San Francisco cutting travel time from 6 months to 6-8 weeks and from 1858 to 1861. The trail was also used by other companies and the US Army from the end of the Civil War until the end of the Apache Wars with the surrender of Geronimo in 1886.</p> <p>This survey was designed by archaeologist Cody Dalpra and documented two little known and relatively good condition stage stops, as well as three new trail segments on Otero Mesa in Otero County. The stage stops were previously recorded in 1996 but contained little information on their condition. The section on Otero Mesa was only used for 10 months in 1858 before a faster southern was located; the relatively remote location of the stage stops on</p> |  |

this segment is one reason why they are in some of the best condition for Butterfield Stage stops in New Mexico.

The second part of the survey was a block survey around Cooke’s Canyon in Luna County which has never received a Class III inventory and is widely known as the most dangerous section of the Butterfield Trail. 11 sites were visited and fully recorded, 9 of which were new or contained previously undocumented portions of the trail. The survey work adds to our understanding of this important trail and will allow to the BLM to accurately monitor the two stage stops for all sites recorded and better provide for the agency to manage them to the level they deserve as a connection to this important period in American history.

7. *BPSS project number:* N/A

8. *BLM funding amount:* \$60,000

9. *Subactivity:* L1050

10. *Partners/contribution:* Zia Engineering and Environmental

11. *PE units:* BC, CE, LA

12. *Photo file name:* LA 50111 HistIns



*Caption:* Historic Inscription dating to 1858 when the Butterfield Overland Trail was active. (T.S. Miller)

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|---|---|
| 1. <i>Project title:</i> Dripping Springs Historic District NRHP Nomination   |   |
| 2. <i>Field or district:</i> LCDO/ONMDPNM   | 3. <i>Org. code:</i> LLNML03400   |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.   | 5. <i>Theme<sup>2</sup>:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input checked="" type="checkbox"/> NRHP Nomination<br><input checked="" type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input checked="" type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><p>Thanks to an assistance agreement with New Mexico State University (NMSU), OMDPNM is working toward nominating the Dripping Springs Historical District (DSHD) to the National Register of Historic Places (NRHP). DSHD is one of the most popular recreational areas within southern New Mexico with its late 19<sup>th</sup> and early 20<sup>th</sup> historic ruins of a mountain hotel and health resort being a major attraction for local hikers and visitors. A successful nomination leading to DSHD’s inclusion in the National Register of Historic Places, may serve to bolster community pride and heritage tourism within OMDPNM by increasing visibility of the monument's significant cultural resources. Successful NRHP inclusion may also provide other benefits such as increased access to funding and grants for the purposes of stabilization, remediation, and preservation at the property.</p> |   |



Over the past year, NMSU has hired graduate student Bethany Stevens to conduct additional research on the property, update associated site records, and develop the NRHP nomination for the property under the supervision of Principal Investigator Dr. Kelly Jenks. Bethany Stevens is using the NRHP nomination as the foundation for her thesis and has completed all the work defined by the assistance agreement. With the draft complete, BLM now seeks to collaborate with Fort Bliss to jointly nominate and subsequently co-manage the historic district as it was discovered during Bethany's work that a small portion of Dripping Springs lies within the Fort Bliss military reservation. Talks with Fort Bliss are expected to begin shortly after the new fiscal year begins.

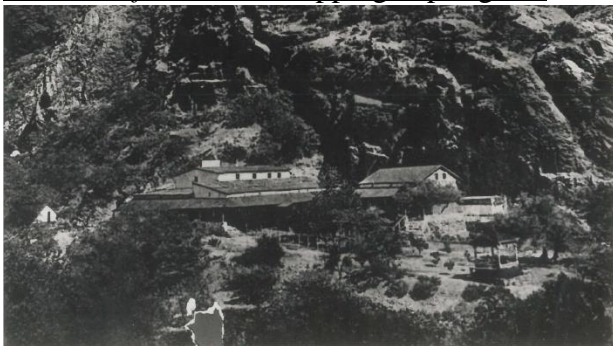
The successful nomination of the property would make it the first BLM historic property/district listed on the NRHP in Dona Ana County, NM. Research from the nomination will be used to improve the interpretative displays at Dripping Springs by providing more accurate information as well as providing a richer narrative regarding the individuals and stories connected with the property. Lastly, a successful NRHP nomination will be another step forward in ensuring that the historic structures are protected and preserved for the enjoyment of future generations.

12. Photo file name: Drippings Springs #1



Caption: An NMSU student using a total station to map the Livery complex at Dripping Springs Historic District.

13. Photo file name: Drippings Springs #2



Caption: Archival Photo overview of Dripping Springs/Van Patten's Mountain Camp in its heyday circa 1906.

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| 1. <i>Project title:</i> Stabilization, Restoration, and Preservation at Historic Lake Valley Townsite   |   |
| 2. <i>Field or district:</i> LCDO  | 3. <i>Org. code:</i> LLNML03120   |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i> <ul style="list-style-type: none"> <li><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</li> <li><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</li> <li><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</li> <li><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</li> <li><input type="checkbox"/> Centering equity and environmental justice.</li> </ul>  | 5. <i>Theme<sup>2</sup>:</i> <ul style="list-style-type: none"> <li><input type="checkbox"/> CRDP/NCRIMS</li> <li><input type="checkbox"/> Field School</li> <li><input type="checkbox"/> Museum Property Management</li> <li><input type="checkbox"/> NAGPRA</li> <li><input type="checkbox"/> NHPA Section 106 Project</li> <li><input type="checkbox"/> NHPA Section 110 Inventory/Survey</li> <li><input type="checkbox"/> NHPA Section 110 Data Recovery</li> <li><input type="checkbox"/> NRHP Nomination</li> <li><input type="checkbox"/> Outreach, Interpretation, Education</li> <li><input type="checkbox"/> Paleontology</li> <li><input type="checkbox"/> Research</li> <li><input checked="" type="checkbox"/> Restoration/Stabilization</li> <li><input type="checkbox"/> Tribal Consultation and Coordination</li> <li><input type="checkbox"/> ARPA</li> <li><input type="checkbox"/> Other</li> </ul> |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i> <p>Three BLM properties located within the Lake Valley ghost town, specifically the School House, Kiel House, and Church, are the focus of a multi-year restoration and stabilization project. Lake Valley was a boom town for silver mining in the latter half of the 19<sup>th</sup> century in southern New Mexico, at one time having the highest producing silver mines in the world. During FY2022 the window frames and screens for the school were restored; this involved the removal of the frames from the structure and transportation to Santa Fe where they were sanded, patched, and resealed in a controlled environment, and then painted to match their original appearance.</p> <p>Most of the work was on the Kiel House. Work on the Kiel house involved buttressing the joists on the northern room of the two-room house which involved taking up existing</p> |   |

floorboards, compacting and filling out the ground underneath, then installing new joists to augment the existing joists. New adobe bricks were grafted into the existing adobe walls. Additionally, the northern-most corner of the structure was completely reconstructed as it was sinking visibly into the house. Again, this involved removing deteriorating and destroyed brick and splicing in new adobe brick. The lintel on the southeast door was also reinforced with a small layer of sheet metal (not visible after repair) and the adobe brick was replaced above the lintel. Lastly, almost the entirety of the exterior of the house was re-stuccoed using traditional methods and materials. A limestone-based plaster will be applied at some later date in the next financial year as it needs specific climatic conditions for application.

7. *BPSS project number:*

8. *BLM funding amount:* \$325,000

9. *Subactivity:* L1050, L1660

10. *Partners/contribution:* NMACD, L20AC00201  
NM Restore New Mexico

11. *PE units:* HF, AE

12. *Photo file name:* Kiel 1



*Caption:* Volunteers from Cornerstones Community Partnerships reconstruct the northern most corner of the Kiel House while others re-apply exterior stucco.

13. *Photo file name:* Kiel 2



*Caption:* Interior view of crack repair done on the southern wall of the Kiel House.

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| 1. <i>Project title:</i> Las Cruces Site Protection and Stabilization Work 2022   |   |
| 2. <i>Field or district:</i> LCDO   | 3. <i>Org. code:</i> LLNML03120   |
| <p>4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p>   | <p>5. <i>Theme<sup>2</sup>:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input checked="" type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input checked="" type="checkbox"/> Restoration/Stabilization</p> <p><input checked="" type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>This year LCDO stabilized two sites and increased site monitoring, installed ARPA signs, and placed cameras at multiple known looting locations. The LCDO has also ordered additional site surveillance equipment and license plate cameras in coordination with Law Enforcement.</p> <p>Stabilization efforts included the NAGPRA site LA 190407 (mentioned elsewhere in this report) where a midden was stabilized under the direction of BLM archaeologist Cody Dalpra in consultation with the Navajo Nation, Ysleta del Sur, Comanche Nation, Hopi, and Mescalero Apache Coordination with BLM recreation staff including Range Specialist Shannon Gentry worked with the grazing lessee to replace smooth wire fence with standard barbed wire and expand the enclosure around the site; much of the existing fence was down</p> |   |

allowing cattle to damage the middens. The stabilization has held after more than 4 inches of rain during monsoon season.

A dilapidated fence installed around the previously mentioned Old Town Site installed in the late 1990s was replaced with a new fence which includes a pedestrian pass-through gate but prevents vehicle traffic. The original postholes were used for the new fence to prevent additional site damage.

Site stabilization was also completed at the Three Rivers Petroglyph site. Due to heavy monsoon rains, a segment of a two-track dirt road within the pithouse village portion was critically impacted by erosion. The road washout disturbed portions of LA 4921, an expansive multi-component village site from the Late Archaic to the Formative Jornada Mogollon that contains pithouses, surface rooms, room blocks, storage areas, middens, petroglyphs and human remains. BLM Archaeologist Trinity Miller coordinated the stabilization efforts with BLM Operations to continue stabilization of a known burial that was first identified in 2010. Tribal consultation was conducted, and it was agreed to move forward with the proposed stabilization which included placing new geotextile fabric along the affected road segment and covering the known burial with additional gravel and soils.

Coordination with law enforcement has led to 1 active ARPA case, in addition to numerous ARPA signs and cameras installed at known endangered sites. Increased patrol and engagement in the community from law enforcement for cultural protection has dovetailed nicely with increased public outreach by all LCDO cultural staff for a greater public cultural literacy in our district. Most of the outreach is currently occurring in Las Cruces but will expand to more rural areas of the district next year. Site Watch is being reactivated out of Silver City to assist in monitoring two of our frequently visited sites, the Pony Hills rock art site (LA 5230) and Old Town with intention to expand the program to more sites in the future. Overall, these efforts have increased site protection and stability across the district in a positive way.

7. *BPSS project number:* N/A

8. *BLM funding amount:* \$68,000

9. *Subactivity:* L1050, L1220, L5320

10. *Partners/contribution:* N/A

11. *PE units:* MY, HF, AJ

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| <b>1. <i>Project title:</i></b> Inventory of Museum Collections at the Centennial Museum  |   |
| <b>2. <i>Field or district:</i></b> LCDO  | <b>3. <i>Org. code:</i></b> LLNML03120  |
| <b>4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i></b><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.  | <b>5. <i>Theme<sup>2</sup>:</i></b><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input checked="" type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| <b>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></b><br><p>The Centennial Museum at the University of Texas at El Paso (UTEP) reached out to the LCDO after discovering boxes of artifacts labeled as coming from BLM lands, specifically the Three Rivers Petroglyphs Site, in their collections. 1050 funding was obligated to inventory, research, and properly curate the collection. UTEP has hired an archaeology student work on the project. Trinity Miller, BLM LCDO archaeologist, is in coordination with the museum and is assisting the process. Museum property management is integral to conservation and preservation of our BLM lands for future research. It is also important to preserve cultural heritage artifacts so we can remember, learn about, and honor those who were involved.</p> |   |
| <b>7. <i>BPSS project number:</i></b> BPS-26682   |   |

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| <u>8. BLM funding amount:</u> \$10,000   | <u>9. Subactivity:</u> L1050 |
| <u>10. Partners/contribution:</u> Centennial Museum,<br>University of Texas El Paso (UTEP) | <u>11. PE units:</u> BD      |

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|---|---|
| <i>1. Project title:</i> Repatriation of University Museum Collections  |   |
| <i>2. Field or district:</i> LCDO   | <i>3. Org. code:</i> LLNML03400   |
| <p><i>4. Department of the Interior Priority (2022)<sup>1</sup>:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input checked="" type="checkbox"/> Centering equity and environmental justice.</p> | <p><i>5. Theme<sup>2</sup>:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input checked="" type="checkbox"/> Museum Property Management</p> <p><input checked="" type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input checked="" type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |



*6. Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):*

In partnership with the New Mexico State University’s (NMSU) University Museum, has been consulting with various Tribes regarding the repatriation of Indigenous ancestors and their funerary objects currently held at the Museum. The museum contains several archaeological collections NAGPRA materials derived from BLM sponsored field schools or sanctioned excavations that occurred prior the passage of NAGPRA in 1990. Shortly after NAGPRA was signed into the law, the BLM LCDO provided the University Museum a grant to generate an inventory and summary of the BLM collections at the Museum. While efforts to repatriate the collections went unfinished in the ensuing years, the current renewed effort has been spearheaded by University Museum Director Dr. Fumi Arakawa.

Representatives from the Pueblo of Zuni, Comanche Nation, Pueblo of Tesuque, Mescalero Apache Tribe, Pueblo of Acoma, Navajo Nation, Hop Tribes, Pueblo of Santa Ana, Pueblo of Santo Domingo, participated in three consultation meetings hosted by NMSU. As the university held custody of archaeological collections controlled by other federal agencies, officials from the Bureau of Indian Affairs, the Gila National Forest, and the Apache-Sitgreaves National Forests also participated in the meetings. Monuments Archaeologist Garrett Leitermann participated in the consultation meetings along with Federal Historic Preservation Officer Cynthia Herhahn, Branch Chief Kendrah Madrid, and Assistant District Manager David Wallace. Virtual consultation meetings were held in October and December 2021 due to the Covid-19 pandemic, with the third meeting in April 2022 being held in person at New Mexico State University. Part of this meeting included a field trip to identify a possible reburial location for the ancestors.

Garrett Leitermann has worked along NMSU over the course of the summer to craft a joint Notice of Inventory Completion that lists and describes in detail all the BLM NAGPRA materials held at the University Museum. The Notice of Inventory Completion is expected to be published in the Federal Register in the coming weeks.

The ongoing NAGPRA repatriation efforts has reinforced with the consulting Tribal Nations that the BLM is fully committed to working with them in ensuring that their ancestors, funerary objects, sacred objects, and objects of cultural patrimony are repatriated and treated with the appropriate respect that they have denied of so long.

*7. BPSS project number:* N/A

*8. BLM funding amount:* N/A

*9. Subactivity:* L1050

*10. Partners/contribution:* Pueblo of Zuni, Comanche Nation, Pueblo of Tesuque, Mescalero Apache Tribe, Pueblo of Acoma, Navajo Nation, Hop Tribes, Pueblo of Santa Ana, Pueblo of Santo Domingo, NMSU, Bureau of Indian Affairs, Gila

*11. PE units:* AJ, BD

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| National Forest, Apache-Sitgreaves National Forest. |  |
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|---|---|
| 1. <i>Project title:</i> Cross Bar Proactive Inventory  |   |
| 2. <i>Field or district:</i> Oklahoma Field Office  | 3. <i>Org. code:</i> LLNM0040000  |
| 4. <i>Department of the Interior Priority (2022)¹:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice. | 5. <i>Theme²:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><br>The OFO contracted a Section 110, Class III 300-acre block survey of the Cross Bar Management Area to support BLM Wild and Scenic River land use management protocols, future development of the Cross Bar SRMA Recreation Area Management Plan, and future development of the Cross Bar SRMA Travel and Transportation Management Plan.  |   |
| 7. <i>BPSS project number:</i> BPS-21539  |   |
| 8. <i>BLM funding amount:</i> \$55,180  | 9. <i>Subactivity:</i> 1050 BC  |
| 10. <i>Partners/contribution:</i>   | 11. <i>PE units:</i> 300  |

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|--|---|
| 1. <i>Project title:</i> Operation Cross Bar   |   |
| 2. <i>Field or district:</i> OFO/Socorro Field Office (SFO)  | 3. <i>Org. code:</i> LLNM00400  |
| 4. <i>Department of the Interior Priority (2022)¹:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme²:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input checked="" type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><br>In March 2019, an individual reported a suspicious social media which appeared to show Native American artifacts being looted from a large pit. The background of a posted photo indicated it was taken at the Cross Bar Management Area, administered by the BLM and located just north of Amarillo, Texas, and that the pit was in a 700-year-old Native American archaeological site. One commenter to the post warned the perpetrator that the Cross Bar is federal land, to which the author brashly responded, “I’m not scared of the feds.” |   |

Armed with this information, BLM law enforcement eventually secured a search warrant that took agents and rangers into a tangled web of illegal excavations of Native American cultural sites on federal, state, and private lands. BLM law enforcement and archaeologists coordinated with the Federal Bureau of Investigation, the National Park Service, U.S. Army Corps of Engineers, Homeland Security Investigations, and Texas Parks and Wildlife to help ensure that those responsible for the damage were held accountable. Thanks to their hard work and that of a determined U.S. Attorney, two perpetrators pled guilty to violating the Archaeological Resources Protection Act. One was sentenced to two years in prison. The other was sentenced to 18 months. Upon their release, they will be obligated to pay restitution fines totaling \$565,091.70. As part of the plea agreement, all artifacts, fossils, and other materials were forfeited. These sentences send a strong message to would-be looters that ARPA violations are serious crimes with serious penalties.

As for the stolen items, truckloads of artifacts, fossils, and petrified wood were returned to their rightful locations. Those artifacts for which their provenance could not be determined were donated to Texas Parks and Wildlife, who will use them for educational purposes. The success of this case is due to coordination across agencies and cooperation from volunteers, environmental specialists, rangers, agents, archaeologists, game wardens, concerned citizens and many more. The case earned its participants the U.S. Attorney's Award of Excellence from the United States Attorney's Office of the Northern District of Texas. As an expert witness, Socorro Field Office archaeologist, Katie Hill was instrumental in this case, all while keeping up with the normal workload of a BLM field office.

7. *BPSS project number:*

8. *BLM funding amount:*

9. *Subactivity:* L1050

10. *Partners/contribution:* Federal Bureau of Investigation, National Park Service, U.S. Army Corps of Engineers, Homeland Security Investigations, Texas Parks and Wildlife

11. *PE units:* NV

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|--|---|
| 1. <i>Project title:</i> Locating and Mapping Ancestral Wichita Allotment Homesteads   |   |
| 2. <i>Field or district:</i> Oklahoma Field Office (OFO)   | 3. <i>Org. code:</i> LLNM0040000  |
| 4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme<sup>2</sup>:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input checked="" type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><p>The BLM awarded a grant (L21AC10516) to the University of Oklahoma, who is partnering with the Wichita &amp; Affiliated Tribes, to investigate Allotment period sites in the Sugar Creek drainage near Anadarko, Oklahoma. This research project will document Wichita settlements as well as produce criteria and set of methods that the BLM and BIA can share with other archaeologists to ensure these sites are properly recorded. Four principal objectives motivate the proposed investigation of allotments along the Sugar Creek drainage: 1) locate and record 19th and 20th century farmsteads, camps, and dance grounds on Wichita allotted lands; 2) identify and document any other Precontact and Postcontact sites within the survey area; 3) record oral histories from tribal members and landowners about these sites, and 4) develop best practices for identifying and fully documenting allotment-era archaeological sites.</p> |   |

The BLM is establishing the foundation for a positive relationship with the Wichita & Affiliated Tribes with early Tribal input. This early Tribal input allows the BLM to develop alternatives to avoid significant areas. Also, this will lay the framework to forming collaborations for similar projects with other Tribes and universities.

7. *BPSS project number:*

8. *BLM funding amount:* \$54,000

9. *Subactivity:* L1050

10. *Partners/contribution:* Wichita, and Affiliated Tribes; University of Oklahoma

11. *PE units:* PC

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| <u>1. Project title:</u> Roswell Field Office Outreach Events   |   |
| <u>2. Field or district:</u> Roswell Field Office (RFO)   | <u>3. Org. code:</u> LLNMP01200   |
| <u>4. Department of the Interior Priority (2022)<sup>1</sup>:</u><br><input type="checkbox"/> <u>Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</u><br><input type="checkbox"/> <u>Strengthening the government-to-government relationship with sovereign Tribal Nations.</u><br><input type="checkbox"/> <u>Making investments to support the Administration's goal of creating millions of family-supporting and union jobs.</u><br><input type="checkbox"/> <u>Working to conserve at least 30% each of our lands and waters by the year 2030.</u><br><input type="checkbox"/> <u>Centering equity and environmental justice.</u> | <u>5. Theme<sup>2</sup>:</u><br><input type="checkbox"/> <u>CRDP/NCRIMS</u><br><input type="checkbox"/> <u>Field School</u><br><input type="checkbox"/> <u>Museum Property Management</u><br><input type="checkbox"/> <u>NAGPRA</u><br><input type="checkbox"/> <u>NHPA Section 106 Project</u><br><input type="checkbox"/> <u>NHPA Section 110 Inventory/Survey</u><br><input type="checkbox"/> <u>NHPA Section 110 Data Recovery</u><br><input type="checkbox"/> <u>NRHP Nomination</u><br><input checked="" type="checkbox"/> <u>Outreach, Interpretation, Education</u><br><input type="checkbox"/> <u>Paleontology</u><br><input type="checkbox"/> <u>Research</u><br><input type="checkbox"/> <u>Restoration/Stabilization</u><br><input type="checkbox"/> <u>Tribal Consultation and Coordination</u><br><input type="checkbox"/> <u>ARPA</u><br><input type="checkbox"/> <u>Other</u> |
| <u>6. Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</u><br><p>The RFO created and conducted an outreach event that laid out the history and archaeology of Feather Cave. Attended two Sink Hole clean up events and acted as the archaeologist on site. Attended as a BLM representative at the Dragonfly Festival at Bitter Lakes Wildlife Refuge. The RFO hosted the Embury Riddle Field School at the Roswell UFO Crash Site.</p>   |   |
| <u>7. BPSS project number:</u> N/A  |   |
| <u>8. BLM funding amount:</u> N/A   | <u>9. Subactivity:</u> 1050   |
| <u>10. Partners/contribution:</u> N/A   | <u>11. PE units:</u> AE   |



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|---|--|
| 1. <i>Project title:</i> Cerberus Repatriations   |  |
| 2. <i>Field or district:</i> RPFO   | 3. <i>Org. code:</i> LLNMA011000   |
| <p>4. <i>Department of the Interior Priority (2022)¹:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p>   | <p>5. <i>Theme²:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input checked="" type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input checked="" type="checkbox"/> Tribal Consultation and Coordination</p> <p><input checked="" type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>In conjunction with the NMSO and the Center for New Mexico Archeology, the RPFO has been working to repatriate several stolen items identified in Operation Cerberus, an Archeological Resources Protection Act (ARPA) investigation. Several items were identified as potentially belonging to specific Native American Tribes and Pueblos. Letters requesting consultation on the items were sent out to several Tribes in March 2022. The Pueblos of Acoma, Santo Domingo, and Zia asked to see the items either through photos or in-person. The Pueblos were able to identify items they wished to have repatriated to them; this was completed for the Pueblos of Acoma and Zia in May 2022 and the Pueblo of Santo Domingo in September 2022.</p> |  |

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| <i>7. BPSS project number: NA</i>                                   |                             |
| <i>8. BLM funding amount:</i>                                       | <i>9. Subactivity: 1050</i> |
| <i>10. Partners/contribution: Center for New Mexico Archaeology</i> | <i>11. PE units: AJ</i>     |

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| 1. <i>Project title:</i> West Cuba Cultural Resources Survey, Sandoval County, New Mexico  |  |
| 2. <i>Field or district:</i> RPFO  | 3. <i>Org. code:</i> LLNMA01100  |
| 4. <i>Department of the Interior Priority (2022)¹:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input checked="" type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input checked="" type="checkbox"/> Centering equity and environmental justice. | 5. <i>Theme²:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input checked="" type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><br>The RPFO began this project to assist in future management decisions related to a potential traditional fuelwood gathering areas in Sandoval County, located north of Albuquerque. The project is ongoing but to date, 5500 acres have been surveyed and 44 new archeological sites have been located.   |  |
| 7. <i>BPSS project number:</i> NA  |  |
| 8. <i>BLM funding amount:</i> 131,615  | 9. <i>Subactivity:</i> L1050   |
| 10. <i>Partners/contribution:</i>  | 11. <i>PE units:</i> BC  |

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| 1. <i>Project title:</i> A Cultural Resources Inventory for the Proposed Canyon Ciruela North Fence in the Sabinoso Wilderness, San Miguel County, NM  |  |
| 2. <i>Field or district:</i> Taos Field Office (TFO)   | 3. <i>Org. code:</i> LLNMF02000  |
| 4. <i>Department of the Interior Priority (2022)¹:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme²:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input checked="" type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input checked="" type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br><br>The TFO is proposing construct a 7.4-mile fence in the Cañon Ciruela area of Sabinoso Wilderness in San Miguel County, New Mexico. The undertaking is necessary due to a land donation from the Trust for Public Land to the BLM that added 9,855 acres to Sabinoso Wilderness; this land is adjacent to a ranch which has recently been purchased. The ranch had not been grazed for several years; however, the new owner is intending to graze cattle, and there is currently no fencing to prevent cattle from trespassing into the acquisition and adjacent wilderness. The 7.4-mile fence will prevent any grazing trespass from private lands into the Cañon Ciruela and Sabinoso Wilderness. The BLM needs to comply with these terms prior to allowing public use of the easement. The proposed fence installation project (DOI-BLM-NM- |  |

F020-2021-0009-EA) is connected to the decision made on the *Cañon Ciruela Acquisition for Addition to Sabinoso Wilderness* (DOI-BLM-NM-F020-2021-0007-DNA) project.

7. BPSS project number: NA

8. BLM funding amount:

9. Subactivity: L1711

10. Partners/contribution:

11. PE units:

12. Photo file name: P3030083

12. Photo file name: P3030083  
Caption: Isolated Occurrence 15



|   |   |
|---|---|
| 1. <i>Project title:</i> A Cultural Resources Survey for New Fencing and Replacement Fencing in Grazing Allotment 531 Near Chimayo, NM, Rio Arriba County, New Mexico   |   |
| 2. <i>Field or district:</i> TFO  | 3. <i>Org. code:</i> LLNMF02000   |
| 4. <i>Department of the Interior Priority (2022)¹:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input checked="" type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme²:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input checked="" type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input type="checkbox"/> Outreach, Interpretation, Education<br><input checked="" type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input type="checkbox"/> Restoration/Stabilization<br><input checked="" type="checkbox"/> Tribal Consultation and Coordination<br><input type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i><br>The Bureau of Land Management (BLM), Taos Field Office (TFO) is proposing construct a 1,967 foot fence and replace 3,398 feet of existing fence in Grazing Allotment 531 near the village of Chimayo in Rio Arriba County, New Mexico. The proposed action is to replace an existing boundary fence and install a new 4 strand wildlife friendly wire fence to BLM specifications. Construction would take approximately 1 month after notice to proceed is issued, depending on time of year. As the Area of Potential Effect is within a Potential Fossil Yield Classification of 4, a paleontological survey is planned prior to project implementation. |   |
| 7. <i>BPSS project number:</i> NA   |   |

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|-----------------------------------|------------------------------|
| <i>8. BLM funding amount:</i>     | <i>9. Subactivity: L1020</i> |
| <i>10. Partners/contribution:</i> | <i>11. PE units:</i>         |

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| <p>1. <i>Project title:</i> Cultural Resource Investigations for the Crossroads Collaborative Forest Restoration Program Negative (CFRP) Project: Background Research and Class III Survey in Torrance, San Miguel, and Santa Fe Counties, New Mexico</p>  |  |
| <p>2. <i>Field or district:</i> TFO</p>  | <p>3. <i>Org. code:</i> LLNMF02000</p>   |
| <p>4. <i>Department of the Interior Priority (2022)¹:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</li> <li><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</li> <li><input checked="" type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</li> <li><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</li> <li><input checked="" type="checkbox"/> Centering equity and environmental justice.</li> </ul>  | <p>5. <i>Theme²:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> CRDP/NCRIMS</li> <li><input type="checkbox"/> Field School</li> <li><input type="checkbox"/> Museum Property Management</li> <li><input type="checkbox"/> NAGPRA</li> <li><input checked="" type="checkbox"/> NHPA Section 106 Project</li> <li><input type="checkbox"/> NHPA Section 110 Inventory/Survey</li> <li><input type="checkbox"/> NHPA Section 110 Data Recovery</li> <li><input type="checkbox"/> NRHP Nomination</li> <li><input type="checkbox"/> Outreach, Interpretation, Education</li> <li><input type="checkbox"/> Paleontology</li> <li><input type="checkbox"/> Research</li> <li><input type="checkbox"/> Restoration/Stabilization</li> <li><input checked="" type="checkbox"/> Tribal Consultation and Coordination</li> <li><input type="checkbox"/> ARPA</li> <li><input type="checkbox"/> Other</li> </ul> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>The East Torrance Soil and Water Conservation District (ETSWCD) has received a Collaborative Forest Restoration Program (CFRP) grant from the USDA United States Forest Service (USFS) to conduct National Environmental Policy Act (NEPA) analysis and landscape-scale studies of a 221,000-acre Planning Area in San Miguel, Santa Fe, and Torrance Counties, New Mexico. The Planning Area is located east of Moriarty and west of Santa Rosa, and it straddles both sides of Interstate 40 and United States Highway 285. The goals of the project are to restore natural fire regimes, decrease the risk of catastrophic fires, and improve overall wildlife habitat and landscape health across the Planning Area. The project is needed to address decades of fire suppression, landscape mismanagement, and</p> |  |



livestock grazing, which have elevated tree and shrub densities to unnatural levels and caused an increased potential for catastrophic, high-severity crown fire. The project proponents are proposing a variety of mechanical, hand, and chemical fire treatments to reduce tree stand densities. The project is being completed in partnership with the New Mexico State Land Office (SLO), Bureau of Land Management–Taos Field Office (BLM-Taos), and other non-governmental organizations. In support of this undertaking, a cultural resources inventory of 3,483 acres of SLO administered lands was conducted by a contractor hired by the BLM TFO.

7. *BPSS project number:* NA

8. *BLM funding amount:*

9. *Subactivity:* LF100

10. *Partners/contribution:* NM State Land Office

11. *PE units:*

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|--|---|
| 1. <i>Project title:</i> Cebolla Thinning Cultural Resource Survey in Rio Arriba County, New Mexico  |   |
| 2. <i>Field or district:</i> TFO   | 3. <i>Org. code:</i> 02000  |
| <p>4. <i>Department of the Interior Priority (2022)¹:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input checked="" type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input checked="" type="checkbox"/> Centering equity and environmental justice.</p> | <p>5. <i>Theme²:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input checked="" type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input checked="" type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>A proposed vegetation treatment involving hand thinning, piling, and burning of piled slash within the Cebolla Vegetation Treatment project area in portions of Sections 22, 23, 25 and 26, T26N, R4E; Rio Arriba County. The Cebolla Vegetation Treatment is approximately 23 miles northwest of Abiquiu, New Mexico. The approximately 248-acre vegetation treatment will be conducted to reduce heavy fuel loadings and to reduce the potential for catastrophic wildfire.</p>                             |   |
| 7. <i>BPSS project number:</i> NA  |   |

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|-----------------------------------|------------------------------|
| <i>8. BLM funding amount:</i>     | <i>9. Subactivity: LF100</i> |
| <i>10. Partners/contribution:</i> | <i>11. PE units:</i>         |

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| <p>1. <i>Project title:</i> An Archaeological Survey of a Proposed Trail from the Gorge Bridge to the John Dunn Bridge in the Rio Grande del Norte National Monument, Taos County, New Mexico</p>   |  |
| <p>2. <i>Field or district:</i> TFO</p>   | <p>3. <i>Org. code:</i> 02000</p>  |
| <p>4. <i>Department of the Interior Priority (2022)¹:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</li> <li><input checked="" type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</li> <li><input checked="" type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</li> <li><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</li> <li><input type="checkbox"/> Centering equity and environmental justice.</li> </ul>   | <p>5. <i>Theme²:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> CRDP/NCRIMS</li> <li><input type="checkbox"/> Field School</li> <li><input type="checkbox"/> Museum Property Management</li> <li><input type="checkbox"/> NAGPRA</li> <li><input checked="" type="checkbox"/> NHPA Section 106 Project</li> <li><input type="checkbox"/> NHPA Section 110 Inventory/Survey</li> <li><input type="checkbox"/> NHPA Section 110 Data Recovery</li> <li><input type="checkbox"/> NRHP Nomination</li> <li><input type="checkbox"/> Outreach, Interpretation, Education</li> <li><input type="checkbox"/> Paleontology</li> <li><input type="checkbox"/> Research</li> <li><input type="checkbox"/> Restoration/Stabilization</li> <li><input checked="" type="checkbox"/> Tribal Consultation and Coordination</li> <li><input type="checkbox"/> ARPA</li> <li><input type="checkbox"/> Other</li> </ul> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>In 2015, the New Mexico legislature passed House Bill 563 calling for the establishment of a 500-mile-long cross-state recreational multiuse trail along the Rio Grande and establishing the formation of the Rio Grande Trail Commission to define and recommend viable routes, mitigate challenges associated with its construction, and recommend needed features and enhancements. The Enchanted Circle Trail Association (ECTA) has undertaken construction of the section between the Rio Grande Gorge Bridge and the John Dunn Bridge. The 6.5-mile section will link the West Rim Trail with the Horsethief Mesa trail on Bureau of Land Management (BLM) land within the Rio Grande del Norte National Monument. The trail will be unpaved and will have few constructed features except where necessary to level it across</p> |  |

sloping terrain. The construction will be done by hand and ground disturbance will be restricted to the bed of the trail and the immediate area.

7. *BPSS project number:* NA

8. *BLM funding amount:*

9. *Subactivity:* L1220

10. *Partners/contribution:* Enchanted Circle Trail Association

11. *PE units:*

12. *Photo file name:*

*Caption:* LA 201326 projectile point.



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| 1. <i>Project title:</i> Rael Ranch Restoration and Preservation  |  |
| 2. <i>Field or district:</i> TFO  | 3. <i>Org. code:</i> LLNMF02000  |
| <p>4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input checked="" type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input checked="" type="checkbox"/> Centering equity and environmental justice.</p>  | <p>5. <i>Theme<sup>2</sup>:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input checked="" type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input checked="" type="checkbox"/> Research</p> <p><input checked="" type="checkbox"/> Restoration/Stabilization</p> <p><input type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>In 2012 the Taos BLM acquired the Rael Ranch, a 30.14-acre parcel within the La Cienega Area of Critical Environmental Concern (ACEC). This area has been recognized for its important cultural and natural resource values. Some of the significant features identified on the Rael Ranch include the 120 plus year old house and the circa 1715 functioning acequia (ditch) system that is nearly 1.5 miles long.</p> <p>The Taos BLM is currently in the process of nominating this property for listing in the National Register of Historic Places which should provide more funding sources for care and maintenance. Managers, specialists, recreation planners, and engineering staff are developing a Management Plan for the site which will define the extent of future public use. Additionally, a cooperative agreement is in place at the Rael Ranch with the non-profit group, Cornerstones</p> |  |

Community Partnerships. Their objectives include maintaining and restoring the Rael Acequia to preserve water rights and the cultural landscape as well as stabilization of the Rael Ranch House and associated structures. The Taos BLM supports these goals by consulting with NM SHPO when appropriate. Cornerstones is producing a Historic Structures Report (HSR) assessing the structural integrity of assets on the property which will help inform the BLM's management decisions about site visitation. They are also creating an acequia maintenance manual which will be used as reference for annual ditch upkeep and restoration projects. Cornerstones routinely holds workshops for the local public promoting heritage education opportunities such as: heirloom fruit tree care, adobe construction, and traditional stonemasonry. Once finalized the BLM's Management Plan will provide Cornerstones with guidance for restoration efforts and implementation of public benefit projects.

7. *BPSS project number:* NA

8. *BLM funding amount:*

9. *Subactivity:* L1050

10. *Partners/contribution:* Cornerstones  
Community Partnerships

11. *PE units:* HF

12. *Photo file name:*



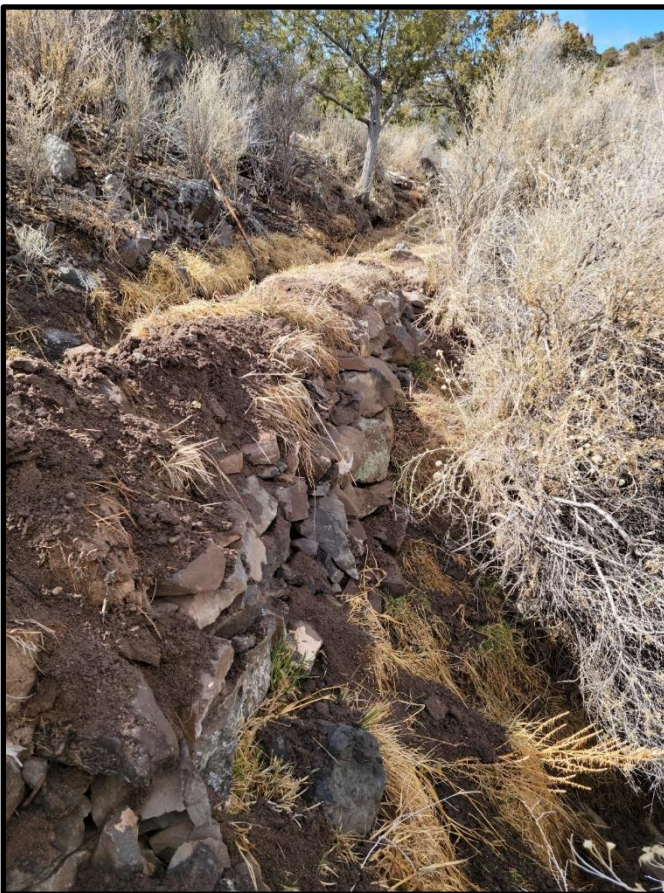
*Caption:* Rael Ranch House

13. Photo file name:



*Caption:* Overview of Rael Ranch site

14. Photo file name: Acequ



*Caption:* Acequia restoration project using traditional stonemasonry techniques





15. Photo file name:



*Caption:* Portion of the nearly 1.5-mile acequia constructed c. 1715

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| 1. <i>Project title:</i> La Cieneguilla Petroglyph Vandalism January 2022   |  |
| 2. <i>Field or district:</i> TFO  | 3. <i>Org. code:</i> LLNMF02000  |
| 4. <i>Department of the Interior Priority (2022)¹:</i><br><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.<br><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.<br><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.<br><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.<br><input checked="" type="checkbox"/> Centering equity and environmental justice.  | 5. <i>Theme²:</i><br><input type="checkbox"/> CRDP/NCRIMS<br><input type="checkbox"/> Field School<br><input type="checkbox"/> Museum Property Management<br><input type="checkbox"/> NAGPRA<br><input type="checkbox"/> NHPA Section 106 Project<br><input type="checkbox"/> NHPA Section 110 Inventory/Survey<br><input type="checkbox"/> NHPA Section 110 Data Recovery<br><input type="checkbox"/> NRHP Nomination<br><input checked="" type="checkbox"/> Outreach, Interpretation, Education<br><input type="checkbox"/> Paleontology<br><input type="checkbox"/> Research<br><input checked="" type="checkbox"/> Restoration/Stabilization<br><input checked="" type="checkbox"/> Tribal Consultation and Coordination<br><input checked="" type="checkbox"/> ARPA<br><input type="checkbox"/> Other |
| 6. <i>Project summary (Describe the project purpose, benefiting programs or planning efforts, outcomes or achievements, project partners, successes and areas for consultation process improvement. If the project supports administration priorities explain how).</i><br><br>In January 2022, the TFO received a report of vandalism at La Cieneguilla petroglyphs, a popular interpretive site located on the southeastern end of Santa Fe. A Cultural Resources Specialist from the TFO confirmed the damage the next day. The vandalism includes purple spray paint over several prehistoric petroglyphs. In consultation with interested Tribal entities and the NM SHPO, the TFO is currently seeking funding to contract with professional art restoration specialists to remove the paint while preserving the petroglyphs. Law Enforcement is currently investigating the incident. |  |

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| 7. BPSS project number: NA    |  |
| 8. BLM funding amount:        | 9. Subactivity: L1050  |
| 10. Partners/contribution:    | 11. PE units: NV   |
| 12. Photo file name: P1180024 | <p><i>Caption: Vandalism around rockshelter</i></p>  |
| 13. Photo file name: P1180025 | <p><i>Caption: Vandalism downslope</i></p>          |

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| 1. <i>Project title:</i> NCRIMS Digitization and GIS Populating Project  |  |
| 2. <i>Field or district:</i> LCDO, SFO, FFO, CFO, NMSO   | 3. <i>Org. code:</i> Multiple  |
| <p>4. <i>Department of the Interior Priority (2022)¹:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p>   | <p>5. <i>Theme²:</i></p> <p><input checked="" type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>During 2022, as part of the ongoing effort to populate the National Cultural Resource Information Management System (NCRIMS) geodatabase, a new assistance agreement with Ancestral Lands Conservation Corps was executed. Through the agreement Ancestral Lands Conservation Corps hired GIS archaeological interns for the Las Cruces, Socorro, Farmington, Carlsbad, and New Mexico State Offices in New Mexico to assist with the NCRIMS project. Interns have been hired to assist their respective office in the ongoing effort to continue digitize all cultural resource survey and sites records held by the office as well as populate the NCRIMS database. Program Officer Garrett Leitermann coordinated with and led the other BLM offices in interviewing and selecting intern candidates for their respective offices.</p> |  |

At the BLM LCDO, two interns were hired to support the NCRIMS project: Felicia Luna and Anastasia Walhovd. Under the supervision of Monuments Archaeologist Garrett Leitermann, Felicia and Anastasia have digitized over 3,500 documents relating to cultural resource survey reports from past fiscal years since their hiring in early June of 2022. Based on the progress the two interns have made thus far, it is predicted by the time that Felicia and Anastasia are done with their internship in May 2023, all BLM LCDO cultural records will be digitized as well as many NCRIMS entries will be completed.

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| <i>7. BPSS project number: N/A</i>                                   |                              |
| <i>8. BLM funding amount: \$265,680 (Agreement total)</i>            | <i>9. Subactivity: L1050</i> |
| <i>10. Partners/contribution: Ancestral Lands Conservation Corps</i> | <i>11. PE units: PC</i>      |

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| <i>1. Project title:</i> New Mexico Cultural Resource Information System (NMCRIS) Grant  |  |
| <i>2. Field or district:</i> New Mexico State Office   | <i>3. Org. code:</i> LLNM930000  |
| <p><i>4. Department of the Interior Priority (2022)¹:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p> | <p><i>5. Theme²:</i></p> <p><input checked="" type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>BLM New Mexico continued its multi-year contract with the New Mexico SHPO New Mexico Historic Preservation Division, Archeological Records Management (ARMs) to provide access to cultural resources data on BLM land stored within the NMCRIS, which is managed by the. ARMs is the clearinghouse for all data collected regarding archeological surveys and site recordation in New Mexico, including both electronic data (GIS, site records, and reports), and hard copies of site records and reports.</p>   |  |
| <i>7. BPSS project number:</i> N/A   |  |
| <i>8. BLM funding amount:</i> \$20,000   | <i>9. Subactivity:</i> L1050   |
| <i>10. Partners/contribution:</i> New Mexico SHPO  | <i>11. PE units:</i> PC  |

# PALEONTOLOGY

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| 1. <i>Project title:</i> Large Camelid Metatarsal Identified as <i>Camelops sp.</i>  |   |
| 2. <i>Field or district:</i> LCDO  | 3. <i>Org. code:</i> LLNML03120   |
| <p>4. <i>Department of the Interior Priority (2022)<sup>1</sup>:</i></p> <p><input type="checkbox"/> Identifying steps to accelerate responsible development of renewable energy on public lands and waters.</p> <p><input type="checkbox"/> Strengthening the government-to-government relationship with sovereign Tribal Nations.</p> <p><input type="checkbox"/> Making investments to support the Administration’s goal of creating millions of family-supporting and union jobs.</p> <p><input checked="" type="checkbox"/> Working to conserve at least 30% each of our lands and waters by the year 2030.</p> <p><input type="checkbox"/> Centering equity and environmental justice.</p>   | <p>5. <i>Theme<sup>2</sup>:</i></p> <p><input type="checkbox"/> CRDP/NCRIMS</p> <p><input type="checkbox"/> Field School</p> <p><input type="checkbox"/> Museum Property Management</p> <p><input type="checkbox"/> NAGPRA</p> <p><input type="checkbox"/> NHPA Section 106 Project</p> <p><input type="checkbox"/> NHPA Section 110 Inventory/Survey</p> <p><input type="checkbox"/> NHPA Section 110 Data Recovery</p> <p><input type="checkbox"/> NRHP Nomination</p> <p><input type="checkbox"/> Outreach, Interpretation, Education</p> <p><input checked="" type="checkbox"/> Paleontology</p> <p><input type="checkbox"/> Research</p> <p><input type="checkbox"/> Restoration/Stabilization</p> <p><input type="checkbox"/> Tribal Consultation and Coordination</p> <p><input type="checkbox"/> ARPA</p> <p><input type="checkbox"/> Other</p> |
| <p>6. <i>Project summary (Describe the project purpose, outcomes or achievements, and list any project partners. If the project is research oriented explain the importance of the research):</i></p> <p>The BLM inventories public lands for paleontological resources and typically collects specimens that are of scientific value. In 2020, BLM staff found and collected this fossil camel metatarsal (a foot bone) south of Las Cruces, NM. It was sent to the NM Museum of Natural History and Science in Albuquerque for preparation and curation into the collections.</p> <p>The museum recently finished the preparation and their fossil mammal expert Gary Morgan identified this as belonging to a large species of <i>Camelops</i> that lived about 2.2 million years</p> |   |

ago. Camel metatarsals are one of the most diagnostic bones of camelids, and this specimen is the first of this species found in New Mexico.

7. BPSS project number: N/A

8. BLM funding amount: N/A

9. Subactivity: L1050

10. Partners/contribution: New Mexico Museum of Natural History and Science

11. PE units: FD

12. Photo file name: LCDO Narrative 1 - Camel in Field



*Caption:* The fossil as it was found in the field in 2020. Credit: CRDunn/BLM

13. Photo file name: LCDO Narrative 1 - Camelops metatarsals



*Caption:* The same fossil (middle) cleaned up and ready for curation after preparation by NMMNH. The bottom fossil is of a smaller species, *Camelops hesternus*, from NM that is dated to about 12,910 years ago.