

August 13, 2020

Ms. Linda Ozan  
State Historic Preservation Office  
Oklahoma Historical Society  
800 Nazih Zuhdi Drive  
Oklahoma City, OK 73105

Re: State Historic Preservation Office Forms for Cimarron Site Cultural Resource Survey re:  
US Nuclear Regulatory Commission Docket No. 70-925; License No. SNM-928

Dear Ms. Ozan:

Solely as Trustee for the Cimarron Environmental Response Trust (CERT), Environmental Properties Management LLC (EPM) submits herein a copy of *Phase I Cultural Resources Survey of the Cimarron Environmental Response Trust Property*. This report was submitted to the Oklahoma Archeological Society (OAS), the US Nuclear Regulatory Commission, and the Oklahoma Department of Environmental Quality in July 2020. The report contains a description of the survey work that was performed and identifies three historic buildings, one structure, three historic diesel pumps, and one metal corral as “standing historic structures”.

EPM was unaware that a copy of the report needed to be provided to both the OAS and the State Historic Preservation Office (SHPO). The report did not include copies of the SHPO’s *Historic Preservation Resource Identification Form*. EPM was informed that the SHPO cannot complete the review of this report until they receive a copy of the report and copies of the SHPO forms. Please find enclosed with this letter a copy of and *Phase I Cultural Resources Survey of the Cimarron Environmental Response Trust Property*. I’ve also attached copies of the SHPO forms for each of the historic structures. Please contact me at 405-642-5152 or at [jlux@envpm.com](mailto:jlux@envpm.com) if you need additional information. Thank you.

Sincerely,



Jeff Lux, P.E.  
Project Manager

Enclosure: Phase I Cultural Resources Survey Report  
Attachment: Historic Preservation Resource Identification Forms

cc: James Smith, US Nuclear Regulatory Commission (letter and forms only)  
Christine Pineda, US Nuclear Regulatory Commission (letter and forms only)  
Paul Davis, Oklahoma Department of Environmental Quality (letter and forms only)  
Robert Evans, US Nuclear Regulatory Commission Region IV (letter and forms only)

Ms. Linda Ozan  
August 13, 2020  
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ATTACHMENT  
STATE HISTORIC PRESERVATION OFFICE  
HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

# HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

PLEASE TYPE ALL DATA IN UPPERCASE - FIELDS IN RED ARE REQUIRED

1. PROPERTY NAME:	KERR-MCGEE CIMARRON FUEL FABRICATION PLANT		
2. RESOURCE NAME:	MIXED OXIDE FUEL FABRICATION (MOFF) BUILDING		
3. ADDRESS:			
4. CITY:	CIMARRON CITY	5. VICINITY:	V
6. COUNTY NAME:	LOGAN		
7. LOT:	8. BLOCK:	9. PLAT NAME:	
10. SECTION:	11 AND 12	11. TOWNSHIP:	16N
		12. RANGE:	4W
13. LATITUDE (NORTH): (ENTER AS: "dd.ddddd")	35.87911		
14. LONGITUDE (WEST): (ENTER AS: "-dd.ddddd")	-97.58507		
15. UTM ZONE:	14	16. NORTHINGS:	3971553
		17. EASTINGS:	627721
18. RESOURCE TYPE:	BUILDING		
19. HISTORIC FUNCTION:	ENERGY FACILITY		
20. CURRENT FUNCTION:	INDUSTRY/PROCESSING/EXTRACTION		
21. AREA OF SIGNIFICANCE, PRIMARY:	INDUSTRY		
22. AREA OF SIGNIFICANCE, SECONDARY:	ARCHITECTURE		
23. DESCRIPTION OF SIGNIFICANCE:	SEE CONTINUATION SHEET		
24. DOCUMENTATION RESOURCE:	SEE CONTINUATION SHEET		
25. NAME OF PREPARER:	BRANDY HARRIS		
59. SURVEY PROJECT	YES	26. PROJECT NAME:	SEE CONTINUATION SHEET
27. DATE OF PREPARATION:	AUGUST 2020	28. PHOTOGRAPHS	YES
29. YEAR:	2020		

30. ARCHITECT/BUILDER:	KERR-MCGEE		
31. YEAR BUILT:	1969		
32. ORIGINAL SITE:	YES	33. DATE MOVED:	
34. FROM WHERE:		35. ACCESSIBLE:	NO
36. ARCHITECTURAL STYLE:	OTHER		
37. OTHER ARCHITECTURAL STYLE:	INDUSTRIAL		
38. FOUNDATION MATERIAL:	CONCRETE		
39. ROOF TYPE:	BUILT-UP	40. ROOF MATERIAL:	ASPHALT
41. WALL MATERIAL, PRIMARY:	CONCRETE		
42. WALL MATERIAL, SECONDARY:			
43. WINDOW TYPE:	N/A	44. WINDOW MATERIAL:	
45. DOOR TYPE:	OVERHEAD	46. DOOR MATERIAL:	METAL
47. EXTERIOR FEATURES:	LARGE LOUVERED VENTS		
48. INTERIOR FEATURES:			
49. DECORATIVE DETAILS:	INCISED PENTAGONAL DESIGN ON WALL PANELS		
50. CONDITION OF RESOURCE:	GOOD (VERY WELL MAINTAINED)		
51. DESCRIPTION OF RESOURCE:	<div>SEE CONTINUATION SHEET</div>		
52. COMMENTS:	<div>RECOMMENDED FOR NRHP INCLUSION UNDER CRITERIA A AND C</div>		
53. ATTACH LOCATION MAP			
54. LISTED ON NATIONAL REGISTER:	ELIGIBLE		
55. NATIONAL REGISTER ENTRY:			
56. CONTINUATION	<div></div>		



CONTINUATION SHEET, IF APPLICABLE

23. DESCRIPTION OF SIGNIFICANCE:

THE RESOURCE MAINTAINS HISTORIC ASSOCIATIONS WITH A FACILITY IMPORTANT IN THE NUCLEAR HISTORY OF THE UNITED STATES AND IS LIKELY ELIGIBLE FOR NRHP INCLUSION UNDER CRITERION A. THE RESOURCE ALSO REPRESENTS A DISTINCTIVE EXAMPLE OF AN INDUSTRIAL PROPERTY TYPE AND APPEARS TO BE ELIGIBLE FOR NRHP INCLUSION UNDER CRITERION C. DESPITE ITS POTENTIAL NRHP ELIGIBILITY, THE PROPOSED PROJECT WILL AVOID DIRECT IMPACTS TO THE RESOURCE AND IT LACKS INTEGRITY OF SETTING DUE TO THE LOSS OF BUILDING STOCK AND PREVIOUS REMEDIATION ACTIVITIES. FURTHERMORE, THE PROPOSED IMPROVEMENTS ARE PRIMARILY UNDERGROUND AND DO NOT HAVE THE POTENTIAL TO IMPACT ANY CHARACTER-DEFINING FEATURES OF THE RESOURCE REGARDLESS OF ITS ELIGIBILITY.

24. DOCUMENTATION RESOURCE:

CIMARRON COPORATION

1988 REPORT NO. 6 - DECONTAMINATION AND DECOMMISSIONING OF THE KERR-MCGEE CIMARRON PLUTONIUM FUEL PLANT. PREPARED FOR THE U.S. DEPARTMENT OF ENERGY RICHLAND OPERATION OFFICE.

26. PROJECT NAME:

PHASE I CULTURAL RESOURCES SURVEY OF THE CIMARRON ENVIRONMENTAL RESPONSE TRUST PROPERTY, LOGAN COUNTY, OKLAHOMA

51. DESCRIPTION OF RESOURCE:

THE RESOURCE WAS CONSTRUCTED CIRCA 1969 AND BEGAN OPERATIONS IN APRIL OF 1970. THE BUILDING IS THE FORMER MOFF FACILITY, MORE COMMONLY REFERRED TO AS THE PLUTONIUM PLANT. NUCLEAR FUEL CONTAINING PLUTONIUM WAS MANUFACTURED IN THIS BUILDING. THE LARGE IRREGULAR PLAN BUILDING IS TWO STORIES WITH A BASEMENT COMPRISING PRECAST, PRESTRESSED, REINFORCED CONCRETE EXTERIOR WALL AND ROOF PANELS AND CONCRETE FLOORS. THE BUILDING HAS A BUILT-UP ROOF ORIGINALLY TOPPED WITH MOPPED ON ASPHALT, FELT ROOFING INSULATION, AND GRAVEL. THE BUILDING PANELS ARE OF SANDWICH CONSTRUCTION ERECTED ON GRADE BEAMS SUPPORTED ON DRILLED PIERS. THE FACILITY WAS CONSTRUCTED TO BE "AIR-TIGHT" (CIMARRON CORPORATION 1988) AND FEATURES MINIMAL FENESTRATION IN LINE WITH ITS INDUSTRIAL DESIGN, INCLUDING HINGED METAL DOORS WITH METAL STAIRS ON THE NORTHERN FACADE AND LARGE LOUVERED VENTS ON THE SECOND STORY OF THE CENTRAL WING. SUBSEQUENT TENANTS OF THE BUILDING HAVE ADDED A COVERED ENTRYWAY OVER THE PERSONNEL PORTAL ON THE SOUTHERN FACADE AND INSTALLED A LARGE METAL OVERHEAD ENTRY DOOR IN ONE OF THE CONCRETE PANELS OF THE EAST ENTRY. OTHER DESIGN FEATURES ARE LIMITED AND INCLUDE INCISED PENTAGONAL OUTLINES ON THE EXTERIOR CONCRETE PANELS.



MOFF Building and  
Cooling Tower (R-01)







Photograph 1: Northern former MOFF building (Resource 01), facing north.



Photograph 2: Former MOFF building (Resource 01), facing northwest.



Photograph 3: Former MOFF building (Resource 01), facing northwest.



Photograph 4: Former MOFF building (Resource 01), facing southwest.





Photograph 5: Former MOFF building (Resource 01), facing southeast.



Photograph 6: Former Cooling Tower (Resource 01a) on left and relation to Former MOFF building (Resource 01), facing southeast.



Photograph 7: Former Cooling Tower (Resource 01a), facing southeast.

# HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

PLEASE TYPE ALL DATA IN UPPERCASE - FIELDS IN RED ARE REQUIRED

1. PROPERTY NAME:	KERR-MCGEE CIMARRON FUEL FABRICATION PLANT		
2. RESOURCE NAME:	WAREHOUSE NO. 4		
3. ADDRESS:			
4. CITY:	CIMARRON CITY	5. VICINITY:	V
6. COUNTY NAME:	LOGAN		
7. LOT:	8. BLOCK:	9. PLAT NAME:	
10. SECTION:	12	11. TOWNSHIP:	16N
		12. RANGE:	4W
13. LATITUDE (NORTH): (ENTER AS: "dd.ddddd")	35.87923		
14. LONGITUDE (WEST): (ENTER AS: "-dd.ddddd")	-97.58407		
15. UTM ZONE:	14	16. NORTHINGS:	3971480
		17. EASTINGS:	627810
18. RESOURCE TYPE:	STRUCTURE		
19. HISTORIC FUNCTION:	INDUSTRIAL STORAGE		
20. CURRENT FUNCTION:	VACANT/NOT IN USE		
21. AREA OF SIGNIFICANCE, PRIMARY:	INDUSTRY		
22. AREA OF SIGNIFICANCE, SECONDARY:			
23. DESCRIPTION OF SIGNIFICANCE:	SEE CONTINUATION SHEET		
24. DOCUMENTATION RESOURCE:	SEE CONTINUATION SHEET		
25. NAME OF PREPARER:	BRANDY HARRIS		
59. SURVEY PROJECT	YES	26. PROJECT NAME:	SEE CONTINUATION SHEET
27. DATE OF PREPARATION:	AUGUST 2020	28. PHOTOGRAPHS	YES
29. YEAR:	2020		



30. ARCHITECT/BUILDER:	KERR-MCGEE		
31. YEAR BUILT:	C. 1970		
32. ORIGINAL SITE:	YES	33. DATE MOVED:	
34. FROM WHERE:		35. ACCESSIBLE:	
36. ARCHITECTURAL STYLE:	OTHER		
37. OTHER ARCHITECTURAL STYLE:	INDUSTRIAL		
38. FOUNDATION MATERIAL:	CONCRETE		
39. ROOF TYPE:	GABLED/FLAT	40. ROOF MATERIAL:	METAL
41. WALL MATERIAL, PRIMARY:	METAL		
42. WALL MATERIAL, SECONDARY:			
43. WINDOW TYPE:		44. WINDOW MATERIAL:	
45. DOOR TYPE:	OVERHEAD; HINGED	46. DOOR MATERIAL:	METAL
47. EXTERIOR FEATURES:	LOUVERED VENTS; PROCESSING EQUIPMENT		
48. INTERIOR FEATURES:			
49. DECORATIVE DETAILS:			
50. CONDITION OF RESOURCE:	GOOD (VERY WELL MAINTAINED)		
51. DESCRIPTION OF RESOURCE:	<div>SEE CONTINUATION SHEET</div>		
52. COMMENTS:	<div>RECOMMENDED FOR NRHP INCLUSION UNDER CRITERION A</div>		
53. ATTACH LOCATION MAP			
54. LISTED ON NATIONAL REGISTER:	ELIGIBLE		
55. NATIONAL REGISTER ENTRY:			
56. CONTINUATION	<div></div>		

CONTINUATION SHEET, IF APPLICABLE

23: DESCRIPTION OF SIGNIFICANCE:

THE RESOURCE MAINTAINS HISTORIC ASSOCIATIONS WITH A FACILITY IMPORTANT IN THE NUCLEAR HISTORY OF THE UNITED STATES AND IS LIKELY ELIGIBLE FOR NRHP INCLUSION UNDER CRITERION A. DESPITE ITS POTENTIAL NRHP ELIGIBILITY, THE PROPOSED PROJECT WOULD AVOID DIRECT IMPACTS TO THE RESOURCE, AND IT LACKS INTEGRITY OF SETTING DUE TO LOSS OF ASSOCIATED BUILDING STOCK AND PREVIOUS REMEDIATION ACTIVITIES. FURTHERMORE, THE PROPOSED IMPROVEMENTS ARE PRIMARILY UNDERGROUND AND DO NOT HAVE THE POTENTIAL TO IMPACT ANY CHARACTER-DEFINING FEATURES OF THE RESOURCE REGARDLESS OF ITS NRHP ELGIBILITY STATUS.

26. PROJECT NAME:

PHASE I CULTURAL RESOURCES SURVEY OF THE CIMARRON ENVIRONMENTAL RESPONSE TRUST PROPERTY, LOGAN COUNTY, OKLAHOMA

51. DESCRIPTION OF RESOURCE:

THE RESOURCE IS A LARGE MULTI-HEIGHT INDUSTRIAL STRUCTURE WITH A MULTI-BAY SINGLE -STORY REAR WING. THE BUILDING SERVED AS A WAREHOUSE DURING THE FACILITY'S OPERATING YEARS. AFTER NUCLEAR FUEL PRODUCTION ENDED IN 1975, THE FORMER WAREHOUSE REMAINED IN INDUSTRIAL USE. IN THE 1980S, KERR-MCGEE CHEMICAL CORPORATION OVERSAW RESEARCH AND DEVELOPMENT FOR AN ULTRA-FINE TITANIUM DIOXIDE PRODUCTION PROCESS IN THE EASTERN, SINGLE-STORY PORTION OF THE BUILDING. ALSO IN THE 1980S, KERR-MCGEE COAL CORPORATION OVERSAW RESEARCH AND DEVELOPMENT FOR A COAL LIQUIFICATION PROJECT TO CONVERT SOLID COAL TO A LIQUID THAT COULD BE TRANSPORTED BY PIPELINE. THE WESTERN (MULTI-HEIGHT) PORTION OF THE BUILDING HOUSES THREE STORIES OF PROCESSING EQUIPMENT ASSOCIATED WITH THAT ENDEAVOR, AND THE VESSELS, TUBING, VALVES, ETC. THAT ARE LOCATED NORTH OF THE BUILDING WERE PART OF THAT PROJECT. THE STRUCTURE IS CLAD IN CORRUGATED METAL PANELING, AND THE LATERAL FACADES OF THE MULT-HEIGHT WING ARE PUNCTUATED BY PAIRED LOUVERED VENTS. THE REAR WING FEATURES BOTH METAL HINGED PERSONNEL DOORS AND AN OVERHEAD BAY ENTRY DOOR.



Warehouse #4 (R-02)







Photograph 1: Former Warehouse #4 (Resource 02), facing northeast.



Photograph 2: Former Warehouse #4 (Resource 02), facing northeast.



Photograph 3: Former Warehouse #4 (Resource 02), facing northeast.



Photograph 4: Former Warehouse #4 (Resource 02), facing east.



Photograph 5: Former Warehouse #4 (Resource 02), facing southwest.



Photograph 6: Former Warehouse #4 (Resource 02), facing south-southwest.





Photograph 7: Electrical equipment associated with Warehouse #4 (Resource 02), facing southwest.



Photograph 8: Former Warehouse #4 (Resource 02), facing northwest.





Photograph 9: Former Warehouse #4 (Resource 02), facing north-northwest.



Photograph 10: Former Warehouse #4 (Resource 02), facing north.

# HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

PLEASE TYPE ALL DATA IN UPPERCASE - FIELDS IN RED ARE REQUIRED

1. PROPERTY NAME:	KERR-MCGEE CIMARRON FUEL FABRICATION PLANT		
2. RESOURCE NAME:	EMERGENCY RESPONSE BUILDING		
3. ADDRESS:			
4. CITY:	CIMARRON CITY	5. VICINITY:	V
6. COUNTY NAME:	LINCOLN		
7. LOT:	8. BLOCK:	9. PLAT NAME:	
10. SECTION:	11	11. TOWNSHIP:	16N
		12. RANGE:	4W
13. LATITUDE (NORTH): (ENTER AS: "dd.ddddd")	35.87991		
14. LONGITUDE (WEST): (ENTER AS: "-dd.ddddd")	-97.58554		
15. UTM ZONE:	14	16. NORTHINGS:	397124
		17. EASTINGS:	627681
18. RESOURCE TYPE:	BUILDING		
19. HISTORIC FUNCTION:	ENERGY FACILITY		
20. CURRENT FUNCTION:	INDUSTRY/PROCESSING/EXTRACTION		
21. AREA OF SIGNIFICANCE, PRIMARY:	INDUSTRY		
22. AREA OF SIGNIFICANCE, SECONDARY:			
23. DESCRIPTION OF SIGNIFICANCE:	SEE CONTINUATION SHEET		
24. DOCUMENTATION RESOURCE:	SEE CONTINUATION SHEET		
25. NAME OF PREPARER:	BRANDY HARRIS		
59. SURVEY PROJECT	YES	26. PROJECT NAME:	SEE CONTINUATION SHEET
27. DATE OF PREPARATION:	AUGUST 2020	28. PHOTOGRAPHS	YES
29. YEAR:	2020		

30. ARCHITECT/BUILDER:	KERR-MCGEE		
31. YEAR BUILT:	C. 1970		
32. ORIGINAL SITE:	YES	33. DATE MOVED:	
34. FROM WHERE:		35. ACCESSIBLE:	YES
36. ARCHITECTURAL STYLE:	OTHER		
37. OTHER ARCHITECTURAL STYLE:	INDUSTRIAL		
38. FOUNDATION MATERIAL:	CONCRETE		
39. ROOF TYPE:	GABLED	40. ROOF MATERIAL:	METAL
41. WALL MATERIAL, PRIMARY:	METAL		
42. WALL MATERIAL, SECONDARY:			
43. WINDOW TYPE:	HUNG	44. WINDOW MATERIAL:	VINYL
45. DOOR TYPE:	HINGED	46. DOOR MATERIAL:	METAL
47. EXTERIOR FEATURES:			
48. INTERIOR FEATURES:			
49. DECORATIVE DETAILS:			
50. CONDITION OF RESOURCE:	GOOD (VERY WELL MAINTAINED)		
51. DESCRIPTION OF RESOURCE:	<div>SEE CONTINUATION SHEET</div>		
52. COMMENTS:	<div>RECOMMENDED FOR NRHP INCLUSION UNDER CRITERION A</div>		
53. ATTACH LOCATION MAP			
54. LISTED ON NATIONAL REGISTER:	ELIGIBLE		
55. NATIONAL REGISTER ENTRY:			
56. CONTINUATION	<div></div>		



CONTINUATION SHEET, IF APPLICABLE

23: DESCRIPTION OF SIGNIFICANCE:

THE RESOURCE MAINTAINS HISTORIC ASSOCIATIONS WITH A FACILITY IMPORTANT IN THE NUCLEAR HISTORY OF THE UNITED STATES AND IS LIKELY ELIGIBLE FOR NRHP INCLUSION UNDER CRITERION A. DESPITE ITS POTENTIAL NRHP ELIGIBILITY, THE PROPOSED PROJECT WOULD AVOID DIRECT IMPACTS TO THE RESOURCE AND IT LACKS INTEGRITY OF SETTING DUE TO LOSS OF ASSOCIATED BUILDING STOCK AND PREVIOUS REMEDIATION ACTIVITIES. FURTHERMORE, THE PROPOSED IMPROVEMENTS ARE PRIMARILY UNDERGROUND AND DO NOT HAVE THE POTENTIAL TO IMPACT ANY CHARACTER-DEFINING FEATURES OF THE RESOURCE REGARDLESS OF ITS NRHP ELGIBILITY STATUS.

26. PROJECT NAME:

PHASE I CULTURAL RESOURCES SURVEY OF THE PROPOSED ENVIRONMENTAL RESPONSE TRUST PROPERTY, LOGAN COUNTY, OKLAHOMA

51. DESCRIPTION OF RESOURCE:

RESOURCE IS A CIRCA 1970S METAL-FRAME POLE BUILDING. THE LINEAR PLAN BUILDING IS CURRENTLY USED AS AN OFFICE AND ORIGINALLY SERVED AS AN EMERGENCY RESPONSE STATION. THE BUILDING HAS A LOW-PITCHED FRONT-GABLED METAL ROOF, CORRUGATED METAL PANEL CLADDING, AND IS PUNCUATED BY 6/6 VINYL SASH WINDOWS COVERED BY METAL SCREENS. THE MAIN ENTRY IS VIA A VEESTIBULE ON THE SOUTHERN FACADE WITH A METAL HINGED DOOR AND A FLAT ROOF. A SECONDARY ENTRY IS VIA A VESTIBULE ON THE NORTHERN FACADE WITH A GLASS AND METAL PANEL DOOR. THE BUILDING IS SITUATED AT THE MAIN ENTRANCE TO THE FACILITY NORTH OF THE DRIVEWAY AND ADJACENT TO SEVERAL PARKING SPOTS.



Emergency Response Center /  
Current Site Office (R-03)



Scale in Feet





Photograph 1: View of former emergency response building (Resource 03), facing northwest.



Photograph 2: View of former emergency response building (Resource 03), facing north.



Photograph 3: View of former emergency response building (Resource 03), facing northeast.



Photograph 4: View of former emergency response building (Resource 03), facing east.





Photograph 5: View of former emergency response building (Resource 03), facing south.



Photograph 6: View of former emergency response building (Resource 03), facing southwest.



Photograph 7: View of former emergency response building (Resource 03), facing southwest.

# HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

PLEASE TYPE ALL DATA IN UPPERCASE - FIELDS IN RED ARE REQUIRED

1. PROPERTY NAME:	KERR-MCGEE CIMARRON FUEL FABRICATION PLANT		
2. RESOURCE NAME:	DIESEL PUMP		
3. ADDRESS:			
4. CITY:	CIMARRON CITY	5. VICINITY:	V
6. COUNTY NAME:	LOGAN		
7. LOT:	8. BLOCK:	9. PLAT NAME:	
10. SECTION:	2	11. TOWNSHIP:	16N
		12. RANGE:	4W
13. LATITUDE (NORTH): (ENTER AS: "dd.ddddd")	35.88733		
14. LONGITUDE (WEST): (ENTER AS: "-dd.ddddd")	-97.58713		
15. UTM ZONE:	14	16. NORTHINGS:	627523
		17. EASTINGS:	3972374
18. RESOURCE TYPE:	OBJECT		
19. HISTORIC FUNCTION:	INDUSTRY/PROCESSING/EXTRACTION		
20. CURRENT FUNCTION:	VACANT/NOT IN USE		
21. AREA OF SIGNIFICANCE, PRIMARY:	INDUSTRY		
22. AREA OF SIGNIFICANCE, SECONDARY:			
23. DESCRIPTION OF SIGNIFICANCE:	SEE CONTINUATION SHEET		
24. DOCUMENTATION RESOURCE:	SEE CONTINUATION SHEET		
25. NAME OF PREPARER:	BRANDY HARRIS		
59. SURVEY PROJECT	YES	26. PROJECT NAME:	SEE CONTINUATION SHEET
27. DATE OF PREPARATION:	AUGUST 2020	28. PHOTOGRAPHS	YES
29. YEAR:	2020		



30. ARCHITECT/BUILDER:	KERR-MCGEE		
31. YEAR BUILT:	C. 1970		
32. ORIGINAL SITE:	YES	33. DATE MOVED:	
34. FROM WHERE:		35. ACCESSIBLE:	NO
36. ARCHITECTURAL STYLE:	NO STYLE		
37. OTHER ARCHITECTURAL STYLE:			
38. FOUNDATION MATERIAL:	CONCRETE		
39. ROOF TYPE:	INAPPLICABLE	40. ROOF MATERIAL:	
41. WALL MATERIAL, PRIMARY:	INAPPLICABLE		
42. WALL MATERIAL, SECONDARY:			
43. WINDOW TYPE:	INAPPLICABLE	44. WINDOW MATERIAL:	
45. DOOR TYPE:	INAPPLICABLE	46. DOOR MATERIAL:	
47. EXTERIOR FEATURES:			
48. INTERIOR FEATURES:			
49. DECORATIVE DETAILS:			
50. CONDITION OF RESOURCE:	FAIR (SOMEWHAT IN NEED OF MAINTENANCE)		
51. DESCRIPTION OF RESOURCE:	<div>SEE CONTINUATION SHEET</div>		
52. COMMENTS:	<div>RECOMMENDED FOR NRHP INCLUSION UNDER CRITERION A</div>		
53. ATTACH LOCATION MAP			
54. LISTED ON NATIONAL REGISTER:	ELIGIBLE		
55. NATIONAL REGISTER ENTRY:			
56. CONTINUATION	<div></div>		

CONTINUATION SHEET, IF APPLICABLE

23. DESCRIPTION OF SIGNIFICANCE:

THE RESOURCE MAINTAINS HISTORIC ASSOCIATIONS WITH A FACILITY IMPORTANT IN THE NUCLEAR HISTORY OF THE UNITED STATES AND IS LIKELY ELIGIBLE FOR NRHP INCLUSION UNDER CRITERION A. DESPITE ITS POTENTIAL NRHP ELIGIBILITY, THE PROPOSED PROJECT WOULD AVOID DIRECT IMPACTS TO THE RESOURCE, AND IT LACKS INTEGRITY OF SETTING DUE TO LOSS OF ASSOCIATED BUILDING STOCK AND PREVIOUS REMEDIATION ACTIVITIES. FURTHERMORE, THE PROPOSED IMPROVEMENTS ARE PRIMARILY UNDERGROUND AND DO NOT HAVE THE POTENTIAL TO IMPACT ANY CHARACTER-DEFINING FEATURES OF THE RESOURCE REGARDLESS OF ITS NRHP ELGIBILITY STATUS.

26. PROJECT NAME:

PHASE I CULTURAL RESOURCES SURVEY OF THE PROPOSED ENVIRONMENTAL RESPONSE TRUST PROPERTY, LOGAN COUNTY, OKLAHOMA

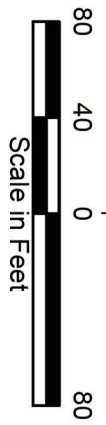
51. RESOURCE DESCRIPTION:

RESOURCE IS AN ABANDONED DIESEL PUMP HISTORICALLY USED TO PUMP WATER FROM THE CIMARRON RIVER TO THE FACILITY. THE MACHINERY IS ATOP RAISED METAL PLATFORMS WITH METAL RAILINGS AND STAIR LOCATED AT THE NORTHWEST CORNER OF THE PROPERTY SOUTH OF THE CIMARRON RIVER.

Source: Esri; Cimarron Environmental Response Trust; Burns & McDonnell



Diesel Pump (R-04)







Photograph 1: View of former diesel pump (Resource 04), facing north.



# HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

PLEASE TYPE ALL DATA IN UPPERCASE - FIELDS IN RED ARE REQUIRED

1. PROPERTY NAME:	KERR-MCGEE CIMARRON FUEL FABRICATION PLANT		
2. RESOURCE NAME:	DIESEL PUMP		
3. ADDRESS:			
4. CITY:	CIMARRON CITY	5. VICINITY:	V
6. COUNTY NAME:	LOGAN		
7. LOT:	8. BLOCK:	9. PLAT NAME:	
10. SECTION:	2	11. TOWNSHIP:	16N
		12. RANGE:	4W
13. LATITUDE (NORTH): (ENTER AS: "dd.ddddd")	35.88749		
14. LONGITUDE (WEST): (ENTER AS: "-dd.ddddd")	-97.58588		
15. UTM ZONE:	14	16. NORTHINGS:	3972393
		17. EASTINGS:	627637
18. RESOURCE TYPE:	OBJECT		
19. HISTORIC FUNCTION:	INDUSTRY/PROCESSING/EXTRACTION		
20. CURRENT FUNCTION:	VACANT/NOT IN USE		
21. AREA OF SIGNIFICANCE, PRIMARY:	INDUSTRY		
22. AREA OF SIGNIFICANCE, SECONDARY:			
23. DESCRIPTION OF SIGNIFICANCE:	SEE CONTINUATION SHEET		
24. DOCUMENTATION RESOURCE:	SEE CONTINUATION SHEET		
25. NAME OF PREPARER:	BRANDY HARRIS		
59. SURVEY PROJECT	YES	26. PROJECT NAME:	SEE CONTINUATION SHEET
27. DATE OF PREPARATION:	AUGUST 2020	28. PHOTOGRAPHS	YES
29. YEAR:	2020		

30. ARCHITECT/BUILDER:	KERR-MCGEE		
31. YEAR BUILT:	C. 1970		
32. ORIGINAL SITE:	YES	33. DATE MOVED:	
34. FROM WHERE:		35. ACCESSIBLE:	NO
36. ARCHITECTURAL STYLE:	NO STYLE		
37. OTHER ARCHITECTURAL STYLE:			
38. FOUNDATION MATERIAL:	CONCRETE		
39. ROOF TYPE:	INAPPLICABLE	40. ROOF MATERIAL:	
41. WALL MATERIAL, PRIMARY:	INAPPLICABLE		
42. WALL MATERIAL, SECONDARY:			
43. WINDOW TYPE:	INAPPLICABLE	44. WINDOW MATERIAL:	
45. DOOR TYPE:	INAPPLICABLE	46. DOOR MATERIAL:	
47. EXTERIOR FEATURES:			
48. INTERIOR FEATURES:			
49. DECORATIVE DETAILS:			
50. CONDITION OF RESOURCE:	FAIR (SOMEWHAT IN NEED OF MAINTENANCE)		
51. DESCRIPTION OF RESOURCE:	<div>SEE CONTINUATION SHEET</div>		
52. COMMENTS:	<div>RECOMMENDED FOR NRHP INCLUSION UNDER CRITERION A</div>		
53. ATTACH LOCATION MAP			
54. LISTED ON NATIONAL REGISTER:	ELIGIBLE		
55. NATIONAL REGISTER ENTRY:			
56. CONTINUATION	<div></div>		

CONTINUATION SHEET, IF APPLICABLE

23: DESCRIPTION OF SIGNIFICANCE:

THE RESOURCE MAINTAINS HISTORIC ASSOCIATIONS WITH A FACILITY IMPORTANT IN THE NUCLEAR HISTORY OF THE UNITED STATES AND IS LIKELY ELIGIBLE FOR NRHP INCLUSION UNDER CRITERION A. DESPITE ITS POTENTIAL NRHP ELIGIBILITY, THE PROPOSED PROJECT WILL AVOID DIRECT IMPACTS TO THE RESOURCE AND IT LACKS INTEGRITY OF SETTING DUE TO LOSS OF ASSOCIATED BUILDING STOCK AND PREVIOUS REMEDIATION ACTIVITIES. FURTHERMORE, THE PROPOSED IMPROVEMENTS ARE PRIMARILY UNDERGROUND AND DO NOT HAVE THE POTENTIAL TO IMPACT ANY CHARACTER-DEFINING FEATURES OF THE RESOURCE REGARDLESS OF ITS NRHP ELGIBILITY STATUS.

26. PROJECT NAME:

PHASE I CULTURAL RESOURCES SURVEY OF THE PROPOSED ENVIRONMENTAL RESPONSE TRUST PROPERTY, LOGAN COUNTY, OKLAHOMA

51. RESOURCE DESCRIPTION:

RESOURCE IS AN ABANDONED DIESEL PUMP HISTORICALLY USED TO PUMP WATER FROM THE CIMARRON RIVER TO THE FACILITY. THE MACHINERY IS ATOP RAISED METAL PLATFORMS WITH METAL RAILINGS AND STAIR LOCATED AT THE NORTHWEST CORNER OF THE PROPERTY SOUTH OF THE CIMARRON RIVER.





Diesel Pump (R-05)



80 40 0 80

Scale in Feet



Photograph 1: View of former diesel pump (Resource 05), facing northwest.



Photograph 2: View of former diesel pump (Resource 05), facing northwest.





Photograph 3: View of former diesel pump (Resource 05) detail view, facing northeast.



# HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

PLEASE TYPE ALL DATA IN UPPERCASE - FIELDS IN RED ARE REQUIRED

1. PROPERTY NAME:	KERR-MCGEE CIMARRON FUEL FABRICATION PLANT		
2. RESOURCE NAME:	DIESEL PUMP		
3. ADDRESS:			
4. CITY:	CIMARRON CITY	5. VICINITY:	V
6. COUNTY NAME:	LOGAN		
7. LOT:	8. BLOCK:	9. PLAT NAME:	
10. SECTION:	1	11. TOWNSHIP:	16N
		12. RANGE:	4W
13. LATITUDE (NORTH): (ENTER AS: "dd.ddddd")	35.88765		
14. LONGITUDE (WEST): (ENTER AS: "-dd.ddddd")	-97.58461		
15. UTM ZONE:	14	16. NORTHINGS:	3972413
		17. EASTINGS:	627750
18. RESOURCE TYPE:	OBJECT		
19. HISTORIC FUNCTION:	INDUSTRY/PROCESSING/EXTRACTION		
20. CURRENT FUNCTION:	VACANT/NOT IN USE		
21. AREA OF SIGNIFICANCE, PRIMARY:	INDUSTRY		
22. AREA OF SIGNIFICANCE, SECONDARY:			
23. DESCRIPTION OF SIGNIFICANCE:	SEE CONTINUATION SHEET		
24. DOCUMENTATION RESOURCE:	SEE CONTINUATION SHEET		
25. NAME OF PREPARER:	BRANDY HARRIS		
59. SURVEY PROJECT	YES	26. PROJECT NAME:	SEE CONTINUATION SHEET
27. DATE OF PREPARATION:	AUGUST 2020	28. PHOTOGRAPHS	YES
29. YEAR:	2020		

30. ARCHITECT/BUILDER:	KERR-MCGEE		
31. YEAR BUILT:	C. 1970		
32. ORIGINAL SITE:	YES	33. DATE MOVED:	
34. FROM WHERE:		35. ACCESSIBLE:	NO
36. ARCHITECTURAL STYLE:	NO STYLE		
37. OTHER ARCHITECTURAL STYLE:			
38. FOUNDATION MATERIAL:	CONCRETE		
39. ROOF TYPE:	INAPPLICABLE	40. ROOF MATERIAL:	
41. WALL MATERIAL, PRIMARY:	INAPPLICABLE		
42. WALL MATERIAL, SECONDARY:			
43. WINDOW TYPE:	INAPPLICABLE	44. WINDOW MATERIAL:	
45. DOOR TYPE:	INAPPLICABLE	46. DOOR MATERIAL:	
47. EXTERIOR FEATURES:			
48. INTERIOR FEATURES:			
49. DECORATIVE DETAILS:			
50. CONDITION OF RESOURCE:	FAIR (SOMEWHAT IN NEED OF MAINTENANCE)		
51. DESCRIPTION OF RESOURCE:	<div>SEE CONTINUATION SHEET</div>		
52. COMMENTS:	<div>RECOMMENDED FOR NRHP INCLUSION UNDER CRITERION A</div>		
53. ATTACH LOCATION MAP			
54. LISTED ON NATIONAL REGISTER:	ELIGIBLE		
55. NATIONAL REGISTER ENTRY:			
56. CONTINUATION	<div></div>		

CONTINUATION SHEET, IF APPLICABLE

23: DESCRIPTION OF SIGNIFICANCE:

THE RESOURCE MAINTAINS HISTORIC ASSOCIATIONS WITH A FACILITY IMPORTANT IN THE NUCLEAR HISTORY OF THE UNITED STATES AND IS LIKELY ELIGIBLE FOR NRHP INCLUSION UNDER CRITERION A. DESPITE ITS POTENTIAL NRHP ELIGIBILITY, THE PROPOSED PROJECT WOULD AVOID DIRECT IMPACTS TO THE RESOURCE AND IT LACKS INTEGRITY OF SETTING DUE TO LOSS OF ASSOCIATED BUILDING STOCK AND PREVIOUS REMEDIATION ACTIVITIES. FURTHERMORE, THE PROPOSED IMPROVEMENTS ARE PRIMARILY UNDERGROUND AND DO NOT HAVE THE POTENTIAL TO IMPACT ANY CHARACTER-DEFINING FEATURES OF THE RESOURCE REGARDLESS OF ITS NRHP ELGIBILITY STATUS.

26. PROJECT NAME:

PHASE I CULTURAL RESOURCES SURVEY OF THE PROPOSED ENVIRONMENTAL RESPONSE TRUST PROPERTY, LOGAN COUNTY, OKLAHOMA

51. RESOURCE DESCRIPTION:

RESOURCE IS AN ABANDONED DIESEL PUMP HISTORICALLY USED TO PUMP WATER FROM THE CIMARRON RIVER TO THE FACILITY. THE MACHINERY IS ATOP RAISED METAL PLATFORMS WITH METAL RAILINGS AND STAIR LOCATED AT THE NORTHWEST CORNER OF THE PROPERTY SOUTH OF THE CIMARRON RIVER.





○ Diesel Pump (R-06)





Photograph 1: View of former diesel pump (Resource 06), facing southwest.



Photograph 2: View of former diesel pump (Resource 06) northing and easting plate, facing north.





Photograph 3: View of former diesel pump (Resource 06) manufacturer's plate, facing northwest.



Photograph 4: View of former diesel pump (Resource 06) manufacturer's plate, facing northeast.



# HISTORIC PRESERVATION RESOURCE IDENTIFICATION FORM

PLEASE TYPE ALL DATA IN UPPERCASE - FIELDS IN RED ARE REQUIRED

1. PROPERTY NAME:	KERR-MCGEE CIMARRON FUEL FABRICATION PLANT		
2. RESOURCE NAME:	CORRAL AND FENCE REMNANT		
3. ADDRESS:			
4. CITY:	CIMARRON CITY	5. VICINITY:	V
6. COUNTY NAME:	LOGAN		
7. LOT:	8. BLOCK:	9. PLAT NAME:	
10. SECTION:	1	11. TOWNSHIP:	16N
		12. RANGE:	4W
13. LATITUDE (NORTH): (ENTER AS: "dd.ddddd")	35.88662		
14. LONGITUDE (WEST): (ENTER AS: "-dd.ddddd")	-97.57428		
15. UTM ZONE:	14	16. NORTHINGS:	3972311
		17. EASTINGS:	628695
18. RESOURCE TYPE:	STRUCTURE		
19. HISTORIC FUNCTION:	AGRICULTURE/SUBSISTENCE		
20. CURRENT FUNCTION:	VACANT/NOT IN USE		
21. AREA OF SIGNIFICANCE, PRIMARY:			
22. AREA OF SIGNIFICANCE, SECONDARY:			
23. DESCRIPTION OF SIGNIFICANCE:	SEE CONTINUATION SHEET		
24. DOCUMENTATION RESOURCE:	SEE CONTINUATION SHEET		
25. NAME OF PREPARER:	BRANDY HARRIS		
59. SURVEY PROJECT	YES	26. PROJECT NAME:	SEE CONTINUATION SHEET
27. DATE OF PREPARATION:	AUGUST 2020	28. PHOTOGRAPHS	YES
29. YEAR:	2020		

30. ARCHITECT/BUILDER:	UNKNOWN	
31. YEAR BUILT:	C. 1950	
32. ORIGINAL SITE:	YES	33. DATE MOVED:
34. FROM WHERE:		35. ACCESSIBLE:
36. ARCHITECTURAL STYLE:	NO STYLE	
37. OTHER ARCHITECTURAL STYLE:		
38. FOUNDATION MATERIAL:	INAPPLICABLE	
39. ROOF TYPE:	INAPPLICABLE	40. ROOF MATERIAL:
41. WALL MATERIAL, PRIMARY:	WOOD	
42. WALL MATERIAL, SECONDARY:	METAL	
43. WINDOW TYPE:	INAPPLICABLE	44. WINDOW MATERIAL:
45. DOOR TYPE:	INAPPLICABLE	46. DOOR MATERIAL:
47. EXTERIOR FEATURES:		
48. INTERIOR FEATURES:		
49. DECORATIVE DETAILS:		
50. CONDITION OF RESOURCE:	POOR (BADLY IN NEED OF MAINTENANCE)	
51. DESCRIPTION OF RESOURCE:	<div>SEE CONTINUATION SHEET</div>	
52. COMMENTS:	<div></div>	
53. ATTACH LOCATION MAP		
54. LISTED ON NATIONAL REGISTER:	NO	
55. NATIONAL REGISTER ENTRY:		
56. CONTINUATION	<div></div>	

CONTINUATION SHEET, IF APPLICABLE

23. DESCRIPTION OF SIGNIFICANCE:

RESOURCE DOES NOT HAVE ANY KNOWN HISTORICAL ASSOCIATIONS IMPORTANT TO LOCAL OR NATIONAL HISTORY AND IS NOT DISTINCTIVE IN FORM OR DESIGN. THEREFORE, IT IS NOT RECOMMENDED AS ELIGIBLE FOR NRHP LISTING.

26. PROJECT NAME:

PHASE I CULTURAL RESOURCES SURVEY OF THE PROPOSED ENVIRONMENTAL RESPONSE TRUST PROPERTY, LOGAN COUNTY, OKLAHOMA

51. DESCRIPTION OF RESOURCE:

RESOURCE IS A MID-TWENTIETH CENTURY CORRAL AND ASSOCIATED WIRE FENCE LOCATED IN THE FLOODPLAIN OF THE CIMARRON RIVER VALLEY. THE CORRAL MEASURES APPROXIMATELY 40 M WEST-TO-EAST BY 14 M NORTH-TO-SOUTH AND IS COMPOSED OF METAL PIPE WITH WELDED METAL RODS. THE CORRAL LAYOUT CONSISTS OF THREE EQUAL-SIZE PENS CONNECTED TO A SOUTHERN WEST-TO-EAST HALLWAY. THE WESTERN PEN HAS A LOADING CHUTE EXTENDING FROM THE WEST WALL. WEST OF THE CORRAL IS A CRUDELY WELDED METAL CAGE OR WAGON WITH TWO METAL WAGON WHEELS CONNECTED BY A SPOKE. A HISTORIC-PERIOD TOPOGRAPHIC MAP FROM 1970 DEPICTS AN UNENCLOSED STRUCTURE IN THE AREA THAT MAY REPRESENT THE CORRAL.





Historic Corral (R-07)



80 40 0 80  
Scale in Feet





Photograph 1: Abandoned corral (Resource 07) overview, facing northwest.



Photograph 2: Abandoned corral (Resource 07) overview, facing northeast.





Photograph 3: Abandoned corral (Resource 07) overview, facing west



Photograph 4: Abandoned corral (Resource 07) overview, facing southwest.





Photograph 5: Abandoned corral remnant wooden posts with hog fence (Resource 07), facing southeast.