AD-A128 700 UNCLASSIFIED	CULTURAL RES OPERATIONS C ARCHAEDLOGIC NPS/IRM-CX-1	OURCE SURV ENTER PRO. AL RESOURC 200-2-8007	EY FOR THE (U) DENVER E INST M R CX-1200-2-	CDNSOLI UNIV C GUTHRI B007	DATED S 0 E 1982 F/G	PACE	t7 NL	1	
	. () 								
		19 - C							
								77)	
		8		·					
						END DATE FILMED FILMED FILMED			



「「ないないない」という」

MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

14





ELECTE

MAY 3 1 1983

D

UNIVERSITY OF DENVER

Cultural Resource Survey for the Consolidated Space Operations Center Project near Colorado Springs, El Paso County, Colorado

by

Mark R. Guthrie

Prepared Under the Supervision of Dr. Sarah M. Nelson, Principal Investigator

> Archaeological Research Institute Department of Anthropology University of Denver

Administered by The National Park Service Rocky Mountain Regional Office Interagency Archaeological Services

> Funder by The United States Air Force

Contract No. CX1200-2-B007 Permit No. 82-5

-1982-

IN PAGE

DISTRIBUTION STATEMENT A Approved for public release; Distribution Unlimited

28701

A

B

「「「「「「「「」」」

DTTC FILE COPY

Acces	sien For	
NTIS	GRALI	
DTIC	TAB	
ປະລາກ	ounced	Ē.
Justi	fication_	·····
	— in index indexing	
By		
Distr	ibution/	
Avai	lability (odes
	Avail and	or
Dist	Special	
1		
H		2 - b c b
1		
0010		

- -- Cultural Resource Survey for the Consolidated Space Operations Center Project near Colorado Springs, El Paso County, Colorado

by

Mark R. Guthrie

Prepared Under the Supervision of Dr. Sarah M. Nelson, Principal Investigator

> Archaeological Research Institute Department of Anthropology University of Denver

Administered by The National Park Service Rocky Mountain Regional Office Interagency Archaeological Services

> Funder by The United States Air Force

Contract No. CX1200-2-B007 Permit No. 82-5

DISTRIBUTION STATEMENT A Approved for public release; Distribution Unlimited

27

05

83

02

-1982-

PAGE NPS/IRM-CX-1200-2-B007	2	
This and Archable		
The end Sublike Cultural Resource Survey for the Con	nsolidated Space	& Report Date
perations Center Project near Colorado Springs	, EL Paso County	
otorado		-
Author(s)		8. Performing Organization Rept. No
Mark R. Guthrie		_
Performing Organization Name and Address		19. Project/Teck/Work Unit No.
Archaeological Resource Institute		
Department of Anthropology		11. Contract(C) or Grant(G) No.
University of Denver Denver Colorado 20208		3
Denver, Colorado 80208		(G)
Sponsoring Organization Name and Address		12. Type of Report & Period Covered
The National Park Service	}	
Rocky Mountain Regional Office		$r_{1} = 2/82 - 6/82$
Interagency Archaeological Services		14.
Bldg. 25, DFC Denver, Colorado 80225		
L Supplementary Notes	2. O.A -	
N/A holi	les Sile 3	torms
y monte		
Abstract (Limit: 200 words)		
X	0	
A cultural resource survey was conducted on 64	u acres or State 1	and, for the united Sta
ALT FORCE. The project was administered by the	e National Park Se	rvice, Kocky Mountain
will include the construction of the construction	LOGICAL SETVICES	cine impact to the lar
include the construction of the consolidation	red Space Operatio	as center. Ine report
includes a regional overview of the area, A re-	search design, the	environment, field ar
analysis methods, inventory of the cultural pro-	operties, evaluati	on of the research, an
finds were recorded. The bistorie site is a	iscoric site and s	ix premisoric isolated
indes were recorded. The historic site is a raise design of the second state in the second state in the second state is a second state in the second state is a second state in the second state is a second state	anching and livest	1 000 A D) the cont
fragments and three flakes. None of the isel	bably woodland ca.	1,000 A.D.), two core
aligible to the National Perister of Higoria P	aced finds of the	a research questions t
addressed utilizing negative data. The resear	ch eugopete that t	be specific greations with
study was only occupied occasionally prebistor	ically, probably d	uring hunting. Eviden
suggests that the area does not offer the need	ed environmental v	ariables for occupation
and use beyond that of hunting. Historically.	the area is extens	ively utilized as a
and doe beyond that of hunching, historically,	che area zo checho	
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
. Document Analysis a Descriptors	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
 ranching and livestock grazing area. This beg Document Analysis e. Descriptors b. Identifiers/Open-Ended Terms 	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg	an in the early 19	20's and is present to
ranching and livestock grazing area. This beg . Document Analysis e. Descriptors b. Identifiers/Open-Ended Terms Archaeological Survey	an in the early 19	Operations Center
ranching and livestock grazing area. This beg . Decument Analysis e. Descriptors b. Identifiers/Open-Ended Terms Archaeological Survey Cultural resource management	an in the early 19 Consolidated Space El Paso County, Co	Operations Center lorado Springs
ranching and livestock grazing area. This beg . Document Analysis e. Descriptors Anchaeological Survey Cultural resource management Cultural resource survey	an in the early 19 Consolidated Space El Paso County, Co Woodland	Operations Center lorado Springs
ranching and livestock grazing area. This beg Document Analysis a Descriptors b Identifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COGAT Field/Group	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern	Operations Center lorado Springs s (Negative data)
ranching and livestock grazing area. This beg . Document Analysis a Descriptors b Mentifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey a. COGAT Field/Group Aveilability Statemen: DISTRICTION conservations	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 19. Security Ciece (This	Operations Center lorado Springs s (Negative data)
ranching and livestock grazing area. This beg . Decument Analysis e. Descriptors b. Identifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COEATI Fleid/Group Aveilability Statement: DISTRIBUTION STATEMENT A	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 15. Security Ciece (This	Operations Center lorado Springs s (Negative data) Report) 21. No. of Pages
ranching and livestock grazing area. This beg . Document Analysis a Descriptors b. Identifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COSATI Floid/Group Aveilability Statemer: DISTRIBUTION STATEMENT A Approved for public released Distribution Universidad	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 19. Security Class (This	Operations Center lorado Springs s (Negative data) Report) 21. No. of Pages Page) 22. Price
ranching and livestock grazing area. This beg . Decument Analysis a Descriptors b Mentiflers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COEATI Field/Group Aveilebility Statement: DISTRIBUTION STATEMENT A Approved for public released Distribution Unlimited	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 19. Security Close (This	Operations Center lorado Springs s (Negative data) Report) 21. No. of Pages Page) 22. Price
ranching and livestock grazing area. This beg . Decument Analysis a Descriptors b Identifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COEATI Floid/Group Aveilability Statemer: DISTRIBUTION STATEMENT A Approved for public released Distribution Unlimited AMEL-292.19 See Instructions on	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 19. Security Close (This	Operations Center lorado Springs s (Negative data) Report) 21. No. of Pages Page) 22. Price Optionul Form 272 (Formerly NTIB-35)
ranching and livestock grazing area. This beg . Decument Analysis e. Descriptors b. Identifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COGATI Fleid/Group Aveilability Statement: DISTRIBUTION STATEMENT A Approved for public releases Distribution Unlimited AMSI-239.18 See Instructions on	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 18. Security Close (This	Operations Center lorado Springs s (Negative data) Report) 21. No. of Pages Page) 22. Price GFTIGUAL FORM 272 (Formerty NTIS-35) Department of Communication
ranching and livestock grazing area. This beg Decument Analysis e. Descriptors b. Mentifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COEATI Fleid/Group AveilesHity Statement: DISTRIBUTION STATEMENT A Approved for public released Distribution Unlimited AMEL-209.16) See Instructions on	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 19. Security Close (This 	Operations Center lorado Springs s (Negative data) Report) 21. No. of Pages Page) 22. Price OPTNOMAL FORM 272 (Formorty NTIS-35) Deportment of Communication
ranching and livestock grazing area. This beg Document Analysis e. Descriptors b. Identifiers/Open-Ended Terms Archaeological Survey Cultural resource management Cultural resource survey c. COEATI Field/Group Aveilebility Statement: DISTRIBUTION STATEMENT A Approved for public releases Distribution Unlimited AVEI-235.18 See Instructions on	an in the early 19 Consolidated Space El Paso County, Co Woodland Settlement pattern 18. Security Class (This	Operations Center lorado Springs s (Negative data) Report) 21. No. of Pages Page) 22. Price GFTIGNUL FORM 272 (Formarky NTIS-35) Department of Common

and the second second

PREFACE

SARAH M. NELSON

The integration of small-scale surveys into a regional research design is a recent development in Colorado, which this report demonstrates to be of great practical value. Identifying major gaps in the data base, important problems of interpretation, and long range archaeological goals provides a framework for understanding traces of the past, whether historic or prehistoric, and whether profuse or sparse. In fact, regions of dense archaeological sites are considerably easier to interpret than scattered finds, and it is only within the larger regional picture that such findings have value.

In this context, negative results become meaningful. Relatively few artifacts were found in this square mile, but since historic utilization can be demonstrated to have been only for ranching purposes, it is unlikely that the area has ever been heavily searched for projectile points and other prehistoric finds. This lends weight to the interpretation of the area as only lightly and sporadically utilized in prehistoric times. The same variables account for little activity historically and prehistorically - most notably, lack of permanent water, and secondarily, lack of other resources other than the prairie grasses. These grasses provided grazing both for ranch animals in the historic period, and for wild grass-eating fauna, to attract hunters prehistorically.

But as this area was not prime habitable land for humans, it probably also did not support large herds except in transit. Therefore, the evidence of occasional hunting fits well with the total picture. Thus, prior consideration of expected evidence allows more extensive conclusions than would be possible inductively. Further research of this type will eventually provide an extensive understanding of the regional archaeology, and should be strongly encouraged.

ABSTRACT

A cultural resource survey was conducted on 640 acres of State land for the United States Air Force. The project was administered by the National Park Services, Rocky Mountain Regional Office, Branch of Interagency Archaeological Services. The impact to the land will include the construction of the consolidated Space Operations Center.

The report includes a regional overview of the area, a research design, the environment, field and analysis methods, inventory of the cultural properties, evaluation of the research, and management summary and recommendations.

One historic site and six prehistoric isolated finds were recorded. The historic site is a ranching and livestock grazing area. The isolated finds include a projectile point (probably Woodland ca. 1,000 A.D.), two core fragments, and three flakes. None of the isolated finds or the site appear to be eligible to the National Register of Historic Places.

Most of the research questions were addressed utilizing negative data. The research suggests that the specific area under study was only occupied occasionally prehistorically, probably during hunting. Evidence suggests that the area does not offer the needed environmental variables for occupation and use beyond that of hunting. Historically, the area is extensively utilized as a ranching and livestock grazing area. This began in the early 1920's and is present today.

ACKNOWLEDGMENTS

I would like to thank Bill Butler, Ann Johnson, and Don Fiero of IAS for their support during the project. Robert Norris, Jasper Ackerman and Mr. Verrier, all ranchers from the Colorado Springs area, provided important information on ranching for the area. Mr. Frank Meyer of the United States Air Force took a special interest in the project by flying out from California to participate in a day of the field work. I would especially like to thank the people from the State Board of Land Commissioners and the State Archives and Public Record for their special assistance. I would also like to thank David Ford and Powys Gadd for their help in the project. Dena Lewis drew the artifacts and maps. Helen Pustmueller assisted in the artifact analysis. Jean Sibley typed the report.

TABLE OF CONTENTS

.

	Page
Introduction	1
Regional Overview	1
Prehistoric	1
Historic	11
Research Design	14
Introduction	14
Chronology/Cultural Affiliation	15
Site Typology and Function	16
Settlement Patterns	18
Exchange/Inter-group Interaction	20
Resource Utilization and Technology	21
Environment	23
Geography/Geology	23
Hydrology	23
Flora/Fauna	23
Soils	24
Climate	26
Condition of Land	26
Raw Lithic Resources	26
Field Methods	26
Laboratory Methods and Analysis	27
Site and Isolated Find Descriptions	28
Site 5EP226	28
Isolated Find 5EP227	31
Isolated Find 5EP228	34
Isolated Find 5EP229	34
Isolated Find 5EP230	35
Isolated Find 5EP231	35
Isolated Find 5EP232	38
Bone Location	38

.

むえい

.

TABLE OF CONTENTS (continued)

	Page
Evaluation of Research	39
Chronology/Cultural Affiliation	39
Site Typology and Function	40
Settlement Patterns	40
Exchange of Intergroup Interaction	42
Resource Utilization and Technology	42
Summary	42
Management Summary and Recommendations	43
Site 5EP226	43
Isolated Finds 5EP227, 228, 229, 230, 231, 232	43
Bibliography	46
Appendix (Photographs)	52

I

I

I

I

Ī

LIST OF FIGURES AND TABLES

		Page
Tables		
1	Projectile Point (5EP229) Measurements	37
	(after Ahler 1971)	
2	Summary of Recommendations	45
Figures		
1	General Map of Project Area	2
2	The Survey Area	3
3	Soil Map of Survey Area	25
4	Map of Site 5EP226	29
5	Letter from State Board of Land Commissioners	32
6	Tools collected from Sites 5EP229 and 5EP232	36

Į

I

1

ţ

INTRODUCTION

Between February 15, 1982 and February 19, 1982, Mark Guthrie, Project Archaeologist, David Ford, Staff Archaeologist, and assisted in part by Powys Gradd, Archaeologist for the Archaeological Research Institute, University of Denver, conducted a 100% cultural resource survey of 640 acres for the proposed Consolidated Space Operations Center (CSOC). The Project Archaeologist returned on March 17th to survey drainage banks previously covered by snow and to perform limited testing on an area where a large bone was eroding out from the bottom of a drainage bank. Dr. Sarah Nelson served as Principal Investigator for this project.

The survey was conducted in compliance with the National Historic Preservation Act as amended (16 USC 470) and Executive Order 11593, as implemented by 36 CFR 800.

The scope of the work entailed a cultural resource survey of 640 acres of State land for the United States Air Force. The project was administered by the National Park Service, Rocky Mountain Regional Office, Branch of Interagency Archaeological Services Contract Number CX1200-2-B007. The proposed impact to the area includes the construction of the Consolidated Space Operations Center facility.

The survey area is located east of Colorado Springs (Figure 1). The specific area is shown in more detail on the Corral Bluffs Quadrangle, 7.5 minutes, 1975 (Figure 2).

The purpose of this study is two-fold. First, to assist the United States Air Force in planning and environmental processes connected with the anticipated construction of CSOC. The second purpose of this study is to address regional research questions for the region under study. The questions presented in this report allows a small project, such as this one, to integrate data into a regional research context.

REGIONAL OVERVIEW

Prehistory

The project area is located just east of Colorado Springs, Colorado at the transition of the High Plains and the Rocky Mountain Foothills area. Work completed near the present project area consists of recent cultural resource management studies. A survey was conducted at the Fort Carson Military Reservation and work and analysis is continuing (Martin 1979). A small survey was

Acres 1









completed by the Colorado Preservation Office for Chapel Hills Park near Colorado Springs (Halasi 1980). John Gooding (1977) conducted a survey of the proposed Powers Boulevard Corridor in Colorado Springs. Other studies conducted in periphery areas or synthesis of work for eastern Colorado prehistory as a whole, also provides valuable information for research in the present project location.

Cultural resource management studies in peripheral areas include a survey of Castlewood Canyon State Park in Douglas County (Eddy 1981), a survey and test excavation of the Elizabeth Microwave Tower Site between Elizabeth and Kiowa, Colorado (Davis and Cassells 1981), the Fountain Valley Conduit/

Fryingpan-Arkansas Project, parts of which are in El Paso County (Buckles 1974), the Fountain Creek Project in Pueblo County (Anderson and Hall 1977), and the Two Forks Project (Windmiller and Eddy 1975).

Other studies and synthesis of eastern Colorado prehistory include a summary of the Southeastern Colorado Piedmont (Campbell 1969: 492-496), compilation of eastern Colorado radiocarbon dates from Pre-Clovis to Historic times (Breternitz 1969) and later with additional dates (Butler 1981), a Prehistoric Overview of eastern Colorado and the High Plains (Haug 1968; Wedel 1963a), a settlement analysis for northeastern Colorado (Kvamme 1979), and the initial formulation of a research design for eastern Colorado for the State Historic Preservation Plan (Butler 1980).

The aforementioned work and synthesis as well as many other studies throughout eastern Colorado has provided a foundation for the prehistoric chronology of the present project area. It has also identified a number of problem areas or gaps in the existing knowledge for the prehistory of the region.

The earliest definite known cultural tradition is the Paleo-Indian (ca. 10,000-5,000 B.C.). However, there is increasing evidence for an earlier Pre-Projectile Point Horizon (Chedd 1980; Stanford 1979). An example of this horizon is the Dutton and Selby sites in eastern Colorado. Remains include extinct faunal bones exhibiting flaking and spiral fracturing possibly produced by human means. However, these sites are rare and remain controversial.

-4-

The Paleo-Indian tradition is divided into three complexes: The Llano (ca. 10,000-8,500 B.C.); the Folsom (9,000-7,500 B.C.); and the Plano (8,200-5,000 B.C.).

Most of the evidence for the Paleo-Indian tradition exists in the form of isolated surface finds, distinctive points and tools.

Sites for the Llano complex include the Lamb Springs site (Chedd 1980:49) and near Greeley, Colorado, the Dent site (Wormington 1957:43 and Haynes 1964:1408).

The Folsom complex is represented from finds throughout the High Plains (Haug 1968:6). The Lindenmeier site, near Fort Collins, Colorado, is one of the most famous Folsom sites recorded. It allows insight into both the more common bison kill sites as well as a Folsom campsite (Wilmsen and Roberts 1978). Another Folsom site is the Powars site along the South Platte near Greeley, Colorado (Wormington 1957:39).

The Plano complex includes such points as the Hell Gap, Plainview, Eden, Agate Basin, Cody, Pryor Stemmed, James Allen, Angostura Forms, and Scottsbluff. There is Plano material from at least eight sites from the southeastern Colorado Piedmont located in the University of Denver collections (Campbell 1969:492). Important Plano kill sites in eastern Colorado include the Olsen-Chubbock site, where at least 190 bison were taken (Wheat 1972), the Lamb Springs site near Littleton, Colorado (Wedel 1963b), and the Frazier and Jurgens site (Wheat 1979).

Paleo-Indian information is lacking from surveys in the near vicinity (Martin 1979; Halasi 1980; Gooding 1977) of the present project area.

During the Paleo-Indian period (12,000-5000 B.C.), the natural environment consisted of plains and tundra which was probably similar to Northern Canada of today. The latter period has been termed the Anathermal (7000-5000 B.C.) and exhibited a cooler and wetter climate than today.

The Paleo-Indian people adapted to this environment by living in small bands. They were hunters and gatherers, following the seasonal movement of the large game animals as they spread throughout North America. The large, now-extinct animals that roamed the area consisted of mammoth, bison, giant

-5-

·

ground sloth, giant bear, dire wolves, etc., and were heavily exploited by the Paleo-Indians. Their tool assemblages consisted of finely crafted lanceolate projectile points, knives and scrapers. From a functional and adaptive standpoint, their tool types represent the exploitation of the large game animals that inhabited the environment.

Sometime in the latter part of the Paleo-Indian period, many of these large game animals became extinct. These large animals may have died off because of the changing climatic conditions, or they may have been over-exploited by the Paleo-Indians themselves, or maybe a combination of the two. Regardless of what factors caused the extinction of these animals, the environment, including the fauna and flora, was changing; thus, the socio-economic systems of the Indians were also changing to that of exploiting a wider spectrum of resources (Caldwell 1958).

The Archaic people were distinct from the earlier Paleo-Indians, adapting to a changing environment. With the extinction of the big game animals, they hunted and gathered a wider spectrum of resources. As a result of exploiting this wider range of resources, the Archaic population density increased. There was a climatic shift around 5000 B.C. to 2000 B.C., known as the Altithermal. This produced a markedly hotter and drier climate. Some people (i.e., Benedict and Olson 1978) have postulated that this hotter and drier climate may have forced some of the Eastern Archaic people out of the plains of Wyoming and Colorado and into the cooler Rocky Mountain areas.

The Archaic people were less dependent on herd movement, thus their socio-economic systems changed. This adaptation to a changing environment resulted in a socio-economic system and tool technology that was geared toward smaller game animals and more utilization of wild plants. Because of the increase in utilization of plant resources, grinding implements increased and the Archaic people were more aware of seasonal scheduling of plant resources. There was a transition from the larger lanceolate points to the smaller, corner-notched and side-notched points. Also, there was a change from the spear throwers and atlatles to the bows and arrows.

The early Archaic period dates to ca. 5500 B.C. to 3000 B.C. This period is noted for a cultural hiatus at lower elevations. Frison (1978:41) suggests

-6-

this is a result of insufficient sampling. Benedict, however, feels this was a time when climatic changes caused warmer temperatures, known as the Altithermal (1979). He suggests that this warmer period caused people to move out of the plains and lower elevations, and migrate to the cooler mountainous areas. Benedict has three early Archaic complexes for the Front Range that fall into this time range: the Albion Boardinghouse, Fourth of July and Mount Albion. Some of the characteristic point types have been found in other sites (i.e.-Magic Mountain, Irwin-Williams and Irwin (1966).

The evidence of occupation of the High Plains during the Altithermal is scarce. This may well be a result of people finding refuge in cooler, more moist areas. This Altithermal refuge problem is still being discussed and more research is needed for this problem area. Evidence for early Archaic occupation of the Front Range Foothills area is evident at the Magic Mountain complex (Irwin-Williams and Irwin 1966:178-179).

Evidence is scant for early Archaic sites in eastern Colorado but include the Wilbur Thomas Shelter in northeastern Colorado (Grady 1971:86). The Two Forks district near the foothills edge also produced early Archaic sites (Windmiller and Eddy 1975:353).

The Middle Archaic (ca. 3,000-1,000 B.C.) is found throughout Colorado. Characteristic points from this period are defined by the McKean Complex. These include the McKean, Duncan, Hanna varieties, Pinto Basin and Bajada points. There is an increase in the use of ground stone during the Middle Archaic which suggests an increase in the exploitations of wild plant resources (J. Jennings 1974:152-153; Frison 1978:46). This period is also well documented on the Front Range at the LoDais Ka Site (Irwin and Irwin 1959) and the Magic Mountain Site (Irwin-Williams and Irwin 1966).

Other sites with material dating to Middle Archaic include the Bayou Gulch site and the Willow Creek Site, both near Franktown, Colorado (Butler 1981). Both the Apex complex and the Magic Mountain complex point types have been recorded during the Fountain Creek project (Anderson and Hall 1977: 13). A Middle Archaic site (McKean) was located during the Castlewood Canyon State Park survey (Eddy 1981). Occupation of Middle Archaic age has also been located in the Two Forks district (Windmiller and Eddy 1975). Surface projec-

-7-

tile point finds suggestive of Middle Archaic sites have been reported in eastern Colorado (Renaud 1931:48).

Near the present project area, Middle Archaic occupation has been reported for the Fort Carson area (Martin 1979) and the Powers Boulevard Corridor area (Gooding 1977), both near Colorado Springs.

The Late Archaic (ca. 1,000 B.C.-500 A.D.) shows a decrease in size and sophistication of manufacture in projectile points (Eddy 1981:18). Late Archaic sites are represented in southeastern Colorado (Campbell 1969:493) and in the Two Forks district (Windmiller and Eddy 1975). Near the present project area sites dating to this time period have been located near Colorado Springs (Martin 1979).

The Archaic stage lasted until ca. A.D. 400-500 for the foothills area of the Front Range (Windmiller and Eddy 1975:11). This is later than in eastern Colorado where Archaic terminates about A.D. 1.

The Late Prehistoric period (ca. A.D. 1-1,800) marks the appearance of the bow and arrow and its associated smaller corner-notched points, along with the use of agriculture and ceramics. Several sub-stages have been recognized for eastern Colorado. These include the Plains Woodland (ca. A.D. 1-1,000), Upper Republican (1,100-1,300) and Protohistoric Dismal River (1,700-1,800).

The Plains Woodland Tradition, beginning about A.D. 1 and lasting until A.D. 1,000, traditionally practiced agriculture, although it is not well documented in the foothills region. This is represented in surface sites and rock shelters. Windmiller and Eddy (1975-25-26) have radio-carbon dates of A.D. 460 for the Woodland occupation in Roxborough Park. Other sites manifesting Woodland occupation for the Foothills region include: Benedict's work (1975a and 1975b), the LODAISKA <ite, and the Magic Mountain site. Both the LODAISKA and the Magic Mountain sites have late Woodland occupation which may have Fremont and Upper Republican Influence (Irwin-Williams and Irwin 1966:216). From excavations in the Golden-Morrison area, dates of A.D. 600-1,000 have been obtained and referred to as the "Hog Back Phase" (Nelson 1971:11). Other sites which may have components of the "Hog Back Phase"

-8-

include the Willowbrook I site and the Hall-Woodland Cave site, both located on the Front Range.

Early Woodland pre-ceramic sites include the Van Bibber Creek site (Nelson 1969), Willowbrook Shelter, Michaud Site A, Krebs-Klein, and the Bayou Gulch sites (Butler 1981) (Eddy 1981:18).

The later Plains Woodland period marks the presence of smaller cornernotched points and cord-marked pottery. There are two foci identified for the South Platte River drainage. These include the Parker and the Franktown Foci (Withers 1954). The Parker focus is restricted to the Denver Basin, the South Platte River and its tributaries. It extends south and west to the Rio Grande River drainage in Alamosa County (Windmiller and Eddy 1975:15). This variant is characterized by cord-marked pottery with conoidal bases and straight or incurving rims. The projectile points include the medium to large corner-notched (Withers 1954:1). Occupation belonging to the Parker Focus has been reported from the Helmer Ranch and the Rainbow Creek site, the Van Bibber Creek site, and along the South Platte River drainage and in southern Colorado (Butler 1981), the Hutcheson burial, Michaud Site A, Krebs-Klein, Willowbrook Shelter, Graeber Cave, and the Bayou Gulch site (Eddy 1981:19).

The Franktown Focus is geographically defined as to the southern tributaries of the South Platte River (Withers 1954:2). Projectile point styles include the small to medium side-notched variety and pottery includes widemouthed vessels with conoidal bases and incurving rims. The cord-marked pottery is usually smoothed (Withers 1954:2). This focus is basically a transition between Late Woodland and Upper Republican. Much of the basis for this focus comes from the excavation of Franktown Cave. Recently there has been a report on the material excavated from the Franktown Cave by the University of Denver (Nelson and Pustmueller 1974). Other Franktown Focus occupations include Spring Gulch and Jarre Creek (Butler 1981).

Plains Woodland sites are also found on the southeastern Colorado Piedmont (Campbell 1969:494), on the Two Forks Project (Windmiller and Eddy 1975:356), and in the Chatfield Reservoir area (Nelson 1979). Nearer to the present project area, Plains Woodland sites have been located during the

-9-

Fort Carson Reservation Survey (Martin 1979) and the Colorado Springs Powers Boulevard Corridor Survey (Gooding 1977).

Following the Plains Woodland is the Upper Republican. Pottery vessels changed to round-bottomed form and have an out-curved rim to form a collar. Projectile points include the small, side-notched variety (Withers 1954:2). There is little evidence to indicate that the Upper Republican peoples occupied the foothills region (Nelson 1967:11-12; Wood 1971:75). Upper Republican components, nearest the present project area, include the Buick and Smiley Shelter sites near Limon, Colorado (Wood 1971).

Near Colorado Springs and the present project area, a few Upper Republican sites have been reported by Martin (1979) for the Fort Carson area and Gooding (1977) for the Powers Boulevard Corridor.

The area was inhabited or was visited by a number of proto-historic and historic tribes. These include the Ute, Shoshone, Arapahoe, Cheyenne and Commanche. The plains Apache also occupied Southeastern Colorado. Dismal River sites have been reported in the Two Forks Reservoir area (Windmiller and Eddy 1975:331).

Dismal River pottery from the Two Forks area had dark, micaceous tempered and carbon paste sherds (Eddy 1981:19). Dismal River sites have also been found on the southeastern Colorado Piedmont (Campbell 1969:495) and near Colorado Springs (Martin 1979).

Shoshonean and Ute sites have been reported from the Two Forks Reservoir study. This includes a Shoshonean brown paste sherd and a historic Ute encampment (Eddy 1981:19).

The Shoshonean (including the Utes) were from the Desert of Western Archaic Great Basin culture. The Indians' exploitation of the intermontane steppes and desert environment constituted a distinct socio-economic system. The Shoshonean and Utes were primarily small game hunters and gatherers.

The unit of exploitation for these Indians was the family (Steward 1938: Thomas 1974). However, Service (1971:83-88) argues that prior to contact, the Shoshone were characterized by a patrilocal band form of organiza-

-10-

tion. The Indians traveled in association with the distribution of environmental resources. The horse was not introduced to the Northern Basin Shoshonean until the early 1800's, and though short-lived, from the early 1800's to about 1870, the horse markedly changed the Indians' lives (Steward 1967:252).

Ethnohistoric accounts have placed the Jicarilla Apache in southeastern Colorado in the early 1700's. By 1720, the Comanche had pushed the Apache from the area and by the 1800's Kiowa, Kiowa-Apache, Cheyenne, and Arapahoe were occupying the area. There were many intense conflicts (i.e. Sand Creek 1864 and Beecher's Island 1865) between the historic Plains Indians and the White Men. By the 1870's they were removed to reservations (Campbell 1969: 496).

Historic

The historic period for the Colorado Front Range and the present project area can be classified into five major themes. These include Exploration, Fur Trapping, Mining, Railroads/Homestead/Tourism, and Ranching/ Farming.

The first known Europeans to enter into the general area was in 1776 when men traveled to Colorado from Spain, via Mexico. During this time the Spaniards were having problems over territories with the French explorers. As well, both nations were being discouraged by the Plains Indians (Ubbelohde, et al 1976). The first Anglos to enter the present-day Colorado Springs area was in 1806 when fur trappers Zebulon Pike and James Purcell began their expedition along the Arkansas River.

By the end of the month, they had reached the present site of Pueblo, and Pike's party divided, with Pike and some men heading north. They could see a large peak from the prairies. Pike made an effort to climb the peak, but failed short because of the lack of food and clothing. Though Pike did not make the summit, he was the first Anglo to describe the mountain and it became known as Pike's Peak (Ubbelohde, et al 1976:21).

In 1820 Major Stephen Long led an expedition of nineteen men, including scientists, to the Rocky Mountains. By June 1820, they had the Rocky Mountains in view, and in July they had made their way through the present sites of Greeley and Denver. The team crossed the divide betwen the Platte and

-11-

Arkansas valleys, and followed Monument Creek to the present-day town of Colorado Springs. A young scientist on the expedition, Edwin James, attempted to climb Pike's Peak. Equipped with blankets, buffalo meat and corn meal they started their climb and reached the summit by mid-afternoon. They were the first Anglos to actually reach the Peak. Major Long named the mountain "Jame's Peak" but it still held the name "Pike's Peak" throughout history (ibid:26-30).

The next theme is Fur Trapping (ca. 1800's-1840). The area along the Front Range including the Cherry Creek and South Platte drainages were a major transportation route for the fur trading period. Trapping for beaver was important, as beaver pelts were in high demand in Europe. Men set out alone or under support from eastern companies to trap the beavers. Many of these earlier trappers, including Esekiel Williams, in 1811 trapped along the Front Range (Chittenden 1954:652). August P. Chouteau, an eastern merchant, had men trapping and trading along the Platte and ArRansas Rivers (Cleland 1963; 124).

Much trading was going on for the furs with such items as whiskey and Indian trade goods. This resulted in a number of trading centers along the South Platte and Arkansas Rivers. In 1833, St. Vrain Company began a trading post near the present site of LaJunta which is known as Bent's Old Fort (Hafen 1954). Fort Vasquez was constructed on the South Platte. Other trading posts, like Fort Lookout, Fort George and Fort St. Vrain, were built in 1837, also along the South Platte (Hafen 1952). Trading occurred from St. Louis to Bent's Fort, up the Arkansas River, to trading centers at Pueblo, and up Fountain Creek (near the present project area) to the South Platte trading posts. This was along the Santa Fe Trail.

Fur trading continued to function through the early 1840's and, due to the decreasing demand for beaver pelts, it was abandoned shortly thereafter. However, the fur trading trail was bringing gold seekers into Colorado along the Front Range.

The gold seekers were to replace the fur traders in the mid-1800's, which began the Mining theme along the Front Range of Colorado. John Beck, a Cherokee Indian, discovered gold in Ralston Creek and, as a result, a number

-12-

of gold seekers were formed in Georgia, Kansas and Missouri. William Green Russell, in 1858, from Georgia, traveled down the Arkansas River, up Fountain Creek to Cherry Creek and to the Platte River. After being disappointed with their findings at Ralston Creek, the group went back and tried their luck at the confluence of Cherry Creek and the South Platte River, which was to later become Denver. Here, in 1858, they hit pay dirt and John Cantress took some of the dirt back to Missouri. His report of the gold-bearing dust began the Gold Rush to Colorado (Hafen 1941).

One of the main routes for the gold seekers was along the Arkansas River to Pueblo and up Fountain Creek to "Jimmy's Camp" near Colorado Springs, and then on to Cherry Creek (Eddy 1981:22). It was "Pike's Peak or Bust." From 1858-1859, the gold seekers that traveled the Arkansas River route used the landmark of Pike's Peak to guide them to the gold fields. As a result, most of the region around Pike's Peak was well prospected. However, little was found. It was not until 1874 that the area around Pike's Peak had any mineral recognition. However, this was short-lived as well as a second gold rush in 1884 (Ubbelohde 1972:199-201).

Though many people came to get their fortunes in gold, most were unsuccessful, and some stayed behind to settle and farm. The Homestead Act of 1862 began the Homestead theme for Colorado. Many people were coming in to farm the permanent rivers such as the South Platte and Arkansas Rivers. Mining, ranching, farming and homesteading were possible in Colorado in part because of the railroads such as the Denver Pacific and the Denver and Rio Grande.

In 1871, General William Palmer, director of the Kansas Pacific line, built a narrow gauge from Denver to the vicinity of Colorado City. There the Colorado Springs Company began, and a new town was laid out - Colorado Springs (ibid:119). Tourists were coming to Colorado by way of railroads. Many were coming to seek the hot mineral springs as well as to ride on the Pike's Peak Express. Both immigrants and tourists were by-passing Denver and traveling directly to Colorado Springs. In 1890, one was able to travel to Pike's Peak in a railroad coach with the opening of Manitou and Pike's Peak Railroad. By 1918, truck freighting brought an end to Colorado historic railroads (ibid:199, 234).

-13-

Many of the permanent settlers began farming and ranching. There were a number of successive dry years that caused crops to fail and resulted in some abandonment of the land (Davis and Cassells 1981:16). With the introduction of irrigation system, farming became much more productive. Today, ranching and farming is a very important industry for the area surrounding Colorado Springs.

Near the present study area, a number of studies have identified historic remains during the surveys. The survey of the Fort Carson Military Reservation, Martin (1979) reports 21 historic sites, representing the themes: Farming, Ranching and Mining. Other more peripheral regions to the present project area have reported historic sites that fit into the above various themes (Anderson and Hall 1977; Buckles 1974; Windmiller and Eddy 1975; Eddy 1981). Most of these fit into the Homestead and Ranching themes with a number of sites consisting of Anglo dumps or trash area. Only a few sites can be placed in the Mining theme.

RESEARCH DESIGN

Introduction

In devising a research strategy for the 640 acres site at the Consolidated Space Operations Center, every effort is made to integrate the data from this small project into a larger regional framework. This type of approach is important as it allows small projects, such as this one to make a contribution to the overall scientific research for the prehistory and history of Colorado.

On a regional level, there have been a number of problem-oriented research domains identified and discussed during the Colorado Eastern Plains Research Design seminars, chaired by William Butler and held at the University of Denver on February 27 and 28, 1981. The following research design uses as a basis a number of the problem-oriented areas that resulted from these meetings. This will allow the data from the present study to be integrated into this larger research design. Many of the research questions are specific for the study area under question, but are nonetheless designed

-14-

Sec. Sec.

to be integrated into the regional work. The following research design was presented in the proposal prior to going into the field.

The topics to be addressed include Chronology/Cultural Affiliation, Site Typology and Function, Settlement Patterns, Exchange/Intergroup Interaction, Resource Utilization and Technology.

Chronology/Cultural Affiliation

Preliminary research of the general region indicates that the area has been occupied continuously for over 10,000 years (see Regional Overview). However, for the specific area under investigation, evidence indicates (Martin 1979; Halasi 1980; Gooding 1977) that the area has been occupied from Middle Archaic to Historic times. Attempts will be made to better define the periods, in both a temporal and cultural context. Sites with dating potential will be tested in an attempt to obtain absolute dates (i.e. C_{14}). The absolute dates, site type and function, and projectile point types will be compared with data from other areas (see Regional Overview) in defining the chronology and cultural affiliation of the area.

Review of the historic literature indicates that the region has been occupied from the early 1800's to the present (see Regional Overview).

However, data from studies (Martin 1979; Anderson and Hall 1977; Buckles 1974; Windmiller and Eddy 1975; Eddy 1981) in the specific area under question suggest that the area was most heavily used during the homestead and ranching periods, from ca. late 1800's to the present.

Besides overall better defining the chronology and cultural affiliations for the area, specific hypotheses are as follows:

Hypothesis 1

The area was occupied during the Paleo-Indian times, for at least 10,000 years.

Test: Identify Paleo-Indian sites or artifacts and compare with dated sites and artifacts (i.e. collection at the University of Denver).

Hypothesis 2

The area was occupied during various Archaic periods: Early, Middle and Late Archaic periods.

Test: Identify and define each of these periods through absolute dates and/or diagnostic artifacts.

Hypothesis 3

The area should show somewhat of a cultural hiatus for Early Archaic complexes due to Altithermal refuge to cooler and more moist areas.

Test: Identify diagnostic artifacts or absolute dates from this period. Compare with data from well-dated Altithermal sites.

<u>Hypothesis 4</u>

The Historic period for the study area has been utilized based on a number of historic themes: Exploration, Fur Trapping, Mining, Railroads/Homestead/ Tourism, and Ranching/Farming.

Test: Identify and define through functional use historic sites that represent the various themes.

Hypothesis 5

The most abundant themes for the specific area under question were Homestead and Ranching.

Test: Identify and define through functional classifications historic sites that belong to these themes. Compute their frequency and distribution and compare with other historic site themes for the area.

Site Typology and Function

A meaningful Site Typology will be constructed using artifact manufacture, technology, site function and site location. The site typology for this study will vary as data is collected, but will follow, with some modification, the typology presented by Binford (1980:10-12). For the exact area under investigation, a site typology has not been constructed, primarily as a result of lack of sites.

Binford (1980), in his recent work on Hunter-Gatherer Settlement Systems, distinguishes between two types of hunting-gathering systems. One is classified as Foragers who gather food on a daily basis and the other is classified as Collectors who store some of their food (Binford 1980:5-12).

Binford distinguishes five site types for the Collector system: residential base, location, field camp, station, and cache (1980:10). Based on their procurement strategy, he (1980:10-13) defines these as residential base being the maintenance, manufacturing and processing sites. This is where the collecting parties form. These I would consider as habitation sites. Locations are

-16-

areas where specific tasks are performed. This is where they procure and/or process the raw material (i.e.-quarries or kill sites). These I would include as limited activity sites with features. Field Camps are temporary operational centers away from the residential base. These I would include as camp sites (i.e.-fishing camps, hunting camps). Stations are special purpose task sites for gathering information (i.e.-observation points). These I would also classify as limited activity sites without features (i.e.-hearths). The last site type is the cache, which is classified as a temporary storage and procurement of the resources. The following site typology will be utilized for the study area, and is based on the above Binford typology with modification. Again, this typology is not stagnant and may change as data is collected in the field.

<u>Caches</u>: This site type is characterized by non-habitational structural features. This would include such things as storage cists.

<u>Stations</u>: This site type is classified as a limited activity site with low artifact diversity and non-habitational structures and no features. Limited activity refers to only one task taking place (i.e.-observation point). Non-habitational structures would include a structure that is not lived in (i.e.-blind). Features are classified as fire hearths or rock piles, and there should be no features for this site type.

Locations: This site type has limited activity with low artifact diversity and no habitational structures. This site type may or may not have features such as hearths, stone piles or non-habitational stone alignments or circles. Stone circles which seem to be ceremonial and are not habitational are classified here. Other examples of this site type might be a secondary chipping station, a tool finishing area, a game drive system, or rock art. This may also be classified as a short-term camp site.

<u>Field Camps</u>: This is classified as multiactivity site with high artifact diversity. There are no habitational structures, but features such as hearths should exist. This has been classified elsewhere as base camps (Plog and Hill 1971; Lischka et al 1980; Guthrie 1981**b**). These sites are multiactivity sites with high artifact diversity, because these are "homeaway-from-home" sites. Thus a variety of activities take place here, and thus results in high artifact diversity. This may include ground stone and

-17-

tools, as well as a variety of flake types (i.e.-primary, secondary, interior). As Binford notes, "...the greater the number of generic types of functions a site may serve, the greater the number of possible combinations, and hence the greater the range of intersite variability which we may expect." (1980:12)

<u>Residential Base</u>: Residential base sites are field camps with habitational structures (i.e.-structural enclosures). This is classified as multiactivity site with high artifact diversity and features such as hearths.

In summary, after all the data is collected and analyzed, a meaningful site typology based on the above Binford model will be constructed. Anything less than three artifacts will be considered an isolated find.

Hypothesis 1

Due to the nature of the environmental variables, the location of the project area and past surveys (Gooding 1977; Halasi 1980; Martin 1979) near the project area, the majority of prehistoric sites will consist of "Locations" or Field Camps."

Test: Identify and assess site function based on frequency and diversity of artifacts and features. Compute frequency and distribution of functional types and compare with frequency and distribution of other functional site types.

Hypothesis 2

Most Historic sites will consist of sites functioning in a Homestead and/or Ranching theme. This will be like the Residential Base type for prehistoric sites.

Test: Identify and assess site function based on frequency and diversity of artifacts and features. Compute frequency and distribution of functional types and compare with frequency and distribution of other functional site types. Research historic documents.

Settlement Patterns

Site selection by prehistoric peoples is an important process to examine regarding settlement patterns. Assuming site selection is an active process, it is based on social, cultural, and biological needs, thus maximizing efficiency

-18-

and minimizing the effort involved to procure resources. Site location and how it relates to ecological resources is an important study regarding human behavior and economic adaptation.

The determination of Settlement Patterns will be based on a number of ecological and environmental variables. These may include, but not be limited to:

1)	Altitude
2)	Degree of slope
3)	Aspect
4)	Distance to water
5)	Vertical distance to water
6)	Type of water (i.e. permanent or seasonal)
7)	Rank of stream
8)	Water accessibility
9)	Vegetation zone
10)	Specific vegetation
11)	Underlying bedrock geology
12)	Soil type/depth
13)	Geographic provenience
1 4 1	Tana ana aku

14) Topography

As well as the examination of Settlement systems, the reasons why the prehistoric people chose these areas will be examined (i.e.-migration route), and how this settlement pattern relates to the interaction between human behavior and ecological resources. Site type (i.e.-multiactivity field camp site vs. limited activity lithic scatter) will be examined in relationship to ecological/environmental variables. Attempts will be made to see if there is a correlation between certain site types and particular environmental variables. If a correlation does exist, an attempt will be made to examine what economic adaptation exists to explain such associations.

This problem domain is also important if little or no sites are located. Reasons for this will be examined in relation to environmental factors such as climate, elevation, flora and fauna food potentials, etc.

Hypothesis 1

Based on previous studies in Colorado (i.e.-Grady 1980) sites found in high density will occur near water, but not directly next to water, on a relatively gentle slope, and topography that includes benches/terraces,

-19-

floodplain, and confluence of drainages.

Test: Compile site data in terms of water, topography and vegetation. Identify what utilization of these environmental variables, including biotic and abiotic resources, that were important. Examine why these were important.

Hypothesis 2

Due to the small survey area, there should be little diversity in site types and their relationship to ecological zones.

Test: Identify and plot the distribution of site types and corresponding environmental variables. Compare and integrate with other regional models that have been successful: Lischka (1980), Grady (1980) and Kvamme (1980).

Hypothesis 3

Historic site types will show a high correlation with landforms and other environmental variables associated with Homestead and Ranching adaptation. Test: Identify and plot the distribution of historic site types and corresponding environmental variables.

Exchange/Intergroup Interaction

The location of the project area, just east of Colorado Springs, is at a transitional point between the Eastern Plains and the Colorado Rocky Mountain Foothills area and Front Range. This location allows an opportunity to investigate trade and exchange networks between the Intermontane area, the more Eastern Plains cultures, and the Southwest. This will involve not only trade and exchange of goods, but also of ideas.

Historically, this area was a center for trade and exchange from beginning of historic times. The area was a "stopping off" place for explorers, fur traders and miners before they made their long journey into the Rocky Mountains. As well, many stayed behind to become homesteaders/ ranchers and farmers.

Hypothesis 1

The location of the project area provided a center for trade and exchange

between various culture groups.

Test: Examine what interactions, economic ideas and goods were exchanged between the various culture groups. Identify this through artifacts, and their origins. Compare artifacts with data from other cultural areas: The Intermontane, Southwest and Eastern Plains.

<u>Hypothesis 2</u>

During the trade and exchange interaction, some diffusion took place, affecting the overall social organization.

Test: Identify trade goods that indicate diffusion of ideas. Identify the evidence, if any, for conflict between these various cultural groups.

Hypothesis 3

Historically the location of the project area is an excellent place for trade and exchange. Eastern lifestyles and goods were maintained and brought out and intermixed with the western culture.

Test: Identify eastern goods or ideas (architectural styles) and to what degree they have mixed with the western culture.

Resource Utilization and Technology

The environmental information collected from the sites as well as the environmental data researched for settlement systems (see Settlement Patterns) will be compared and synthesized with the examination and analysis of the artifacts collected from the sites. This should tell us much about the technology and how it relates to the exploitation of the resources in the area. For example, on a large site near Leadville, Colorado (5LK385), surface examination showed a number of separate technologies on the site, which indicated the exploitation of different natural resources (Guthrie 1981a). Attempts will be made to examine the technology and resource utilization in regard to migration organizational strategies.

Much can be deduced from lithic surface finds by examining lithic technology and functional aspects of tools. Binford (1972) utilized tool technology and function in examining the physical environment and subsistence, maintenance of cultural systems.

Hypothesis 1

The technology for each cultural group will be explicit and will relate to the exploitation of resources for the particular environment and cultural

1. S. S. S. S.

group. That is, each cultural group will have a distinct technology based on environmental exploitation.

Test: Identify function and classifications of artifact types. Compare these with the technology of each cultural group.

Hypothesis 2

Historic sites will exhibit a high correlation with functional aspects of the technology and environmental exploitation. Each theme shows a functional tool technology, only associated with that particular theme (i.e., Mining-Mining tool technology; Ranching-Ranching tool technology, etc.). Test: Identify functional aspects of tool technology for historic sites. Compare these technologies with various themes.

The preceding research design has attempted to address regional problems in relation to the project location. Certainly this small project is not going to answer all of the above questions. However, if the data from this project is integrated into the aforementioned regional problem domains, most of the questions can be addressed.

The following are a few additional and more specific questions.

- 1. What is the distribution of Paleo-Indian sites?
- 2. What are the individual groups or cultures that existed during the Archaic Period.
- 3. What is the evidence or lack of evidence for horticulture during the Woodland Period.
- 4. What historic aboriginal occupants were in the area and how can this be identified in site remains?
- 5. Is it possible to locate and identify Upper Republican sites in the project area? (See Regional Overview).

-22-

ENVIRONMENT

Geography/Geology

The survey area as well as the general region is part of the larger physiographic Colorado Piedmont Province. Geological events include exposures of sedimentary deposits of Mesozoic and Paleozoic ages which were uplifted in the Tertiary and Pleistocene. This uplift resulted in the Pikes Peak Massif.

The Colorado Piedmont sediments from the mountains to the west spread into the plains to the east. The topography is chacterized by relatively young flat lying surficial unconsolidated rock material overlying consolidated sedimentary rock units to the east. The surface of the present Piedmont has been exposed by erosional remains of the Rocky Mountain Peneplain during the Pleistocene (Larsen 1981; Tator 1952). Hydrology

The survey area is shown in Figure 2. Elevation only varies by 100 feet; 6300 feet at the northwest part of the survey area and dropping slightly to 6200 feet at the southeast portion of the survey area. There are two water sources in the target area. These consist of two intermittent unnamed drainages flowing south. These drainages do not flow into any major drainage but dry up approximately two miles south of the survey area, according to USGS map. There are also two small man-made reservoirs, one on each drainage. The nearest natural permanent water source is Fountain Creek some 15 miles to the southwest.

Flora/Fauna

Most of the vegetation has been overgrazed. Flora, consisting of mostly grasses with a couple of flowers, include blue grama, needleandthread, side-oats grama, sand dropseed, buckwheat and western wheat grass (Larsen 1981). Presently wildlife includes ring-necked pheasant, mourning dove, pronghorn antelope and a variety of small rodents (Larsen 1981). Other fauna that inhabit the general area today include a variety of birds and reptiles, such as the prairie rattlesnake, jack rabbits, desert cottontails, coyotes, skunks, ground squirrels, pocket gophers, wolves, mule deer, whitetail deer, beaver, and porcupine (Larsen 1981; Gooding 1977:4; Eddy 1981:7). Bison were known to inhabit the area prehistorically and historically, but do not exist in the area today.

The above plants and animals, except for bison, inhabit the region today, and most likely did prehistorically. There was probably little use of the grasses or the few flowers by the Indians, as none are edible (Harrington 1967). The grasses do, however, offer food for the wildlife which were hunted by the prehistoric inhabitants. Even today the flora is used for grazing livestock in the area. Most of the animals presented above could have been hunted by the Indians.

<u>Soils</u>

The overall soil for the area is the Stoneham-Ascalon-Fort Collins soil series. This includes well-drained soils that formed in mixed alluvial and eolian material. The specific soils for the survey area is shown in Figure 3. This includes:

Number 2 & 3 - Ascalon Sandy Loam: This is a deep, well-drained soil formed in mixed alluvium and wind-laid material. The surface is a brown sandy loam about 8 inches thick with a subsoil about 22 inches thick with a brown, yellowish brown, and pale brown sandy clay loam. The substratum is a calcareous, very pale brown sand loam and loamy sand (Larsen 1981:8,9).

Number 10 - Blendon Sandy Loam: This soil type represents a small percentage of the total survey area. It consists of a deep, well-drained soil. The surface is about 10 inches thick consisting of a dark grayish brown sandy loam. The subsoil is dark grayish brown and brown sandy loam, approximately 26 inches thick. The substratum is a light brownish gray gravelly sandy loam (Larsen 1981:12-13).

Number 97 - Truckton Sandy Loam: This soil also represents a small percentage of the survey area. It is a deep, well-drained soil with a surface layer of grayish brown sandy loam about 5 inches thick. The second layer is about 3 inches thick and consists of a dark grayish brown sandy loam. The subsoil is a brown sandy loam approximately 16 inches thick (Larsen 1981: 60-61).

All soil areas exhibit surface runoff that is slow to medium, and erosion and soil blowing that is moderate. This suggests that archaeological sites should be exposed but at the same time would not be totally obliterated by over-erosion.

-24-

SHEET NO. 18 EL PASO COUNTY AREA, COLORADO (CORRAL BLUFFS QUADRANGLE)


Climate

The area is generally hot in the summer and cool in the winter. The average temperature in the winter is 31.0 degrees F with a daily minimum of 17.7 degrees. The average summer temperature is 67.4 degrees with a daily maximum of 82.3 degrees.

Annual precipitation has an average of 15-21 inches. This precipitation occurs mainly in the form of thunderstorms during the period April through September. The potential growing season occurs during this highest precipitation. However, the potential for dryland crops is limited by this low average annual precipitation (Larsen 1981:2).

This climatic history, if indicative of prehistoric times, would not be a too unpleasant place to live. Horticulture would have been possible, but without some kind of water control or irrigation, it would have been relatively difficult, and the growing season would have been short. <u>Condition of Land</u>

The vegetation today is overgrazed and thus erosion may be occurring at a faster rate. Ground visibility varied but was usually in the range of 40% to 60%. Consequently, it was very easy to see the ground. A general scatter of modern trash was found throughout the survey area.

Raw Lithic Resources

Raw Lithic resources do not occur within the project boundary. Petrified wood is known to occur locally around Corral Bluffs (Powys Gadd, personal communication).

FIELD METHODS

The survey consisted of a 100%, on the ground survey, of 640 acres. The survey team consisted of three archaeologists, spaced no greater than 30 meters apart, walking north-south transects. After the north-south transects were completed, the survey team walked along the two unnamed drainages within the survey boundary. This was conducted by having one archaeologist walk in the drainage bottom, examining the drainage banks for exposed cultural resources, while the two other crew members walked along the top terrace of the drainage, one on each side. It was discovered during this part of the survey that some drainage banks still had snow on them, and thus prevented thorough examination of the bank. Consequently, the Project Archaeologist returned at a later time, once the snow had melted off, to re-examine the banks. When a site or isolated find was encountered, pin flags were used and the specific area was examined extensively for more cultural material.

When sites were encountered, their exact locations were placed on a U.S.G.S. Topographic map. State Inventory Record Forms were filled out and sketch maps were made. Black and white photographs were also taken. Isolated finds were recorded on State Isolated Find Forms. Environmental information was noted, and notes were taken during the entire survey. All diagnostic artifacts were collected for analysis in the laboratories. Trowel testing was performed on all isolated finds. This was conducted to ensure there were no subsurface cultural materials.

Limited testing was also performed on the location where a probable bison mandible was observed. This was conducted by excavating the slump that was overlaying the partially exposed bone. A trowel was used and the excavation proceeded in 10 cm levels. All soil near the bone was screened using a 1/16" screen. After the mandible was pedestalled, mapped, photographed and removed, a shovel was utilized to remove about 50 cm of the bank where the bone was located. No cultural material or any more bone was observed.

LABORATORY METHODS AND ANALYSIS

The major objective in the analysis process was to gather sufficient data to address the research questions. Collected material includes the projectile point fragment (5EP229), the large petrified wood core fragment showing signs of scraping activity (5EP232), and a well rod and large milk can from site 5EP226. This material was returned to the University of Denver Archaeology Laboratories for analysis. All artifacts were washed and catalogued. Tool function was based on microscopic examination of edge wear and morphological classifications. Analysis of the two Lithic artifacts collected followed the same procedure as outlined by Ahler for Rogers Shelter (1971).

The artifacts not collected were analyzed in the field. Each item was recorded as to its length, width, utilization (if any), material type, and color.

-27-

Research on site 5EP226, the livestock watering site, included a literature review of State and County files in Colorado Springs, The Colorado State Board of Land Commissioners and extensive research of the Division of State Archives and Public Records, both in Denver. Once the date and function of the site was documented by written records, no furtner analysis was conducted on the historic artifacts collected.

Site 5EP226

SITE AND ISOLATED FIND DESCRIPTIONS

The site, an historic windmill and stock watering area, is located at the bottom of a gentle south facing slope in the northeast part of the survey area. The elevation is 6246 feet. The site is located approximately 50 meters northeast of an unnamed intermittent drainage. Native vegetation includes dominantly blue grama, needleandthread, side-oats grama, sand dropseed, buckwheat, and western wheat grass. However, overgrazing is evident and the grasses are extremely short.

The soil is Ascalon Sandy Loam with the subsoil a brown, yellowish brown, and pale brown sandy clay loam about 22 inches thick. Surface runoff is slow to medium with moderate erosion and soil blowing (Larsen 1981: 9-13).

The site consists of a livestock water and grazing area. Its dimensions are 120 meters north-south by 130 meters east-west. However, this boundary is based on the extent of the structures and features, and does not include the total grazing area used or the associated Ranch. These dimensions are unknown. The site has eight features (Figure 4).

Feature 1 - Feature one is the windmill. It is 2 x 2 meters at the base and is approximately 10.6 meters high. Construction materials consist of oak wood boards, galvanized steel, galvanized and lead pipe, bolts and nuts, angle iron, and twisted wire for the stabilizer. Associated with this feature are well rods made of oak circular wood with split steel and galvanized connecting hoods. The steel blade at the top of the windmill has the factory name "Airmotor" written on the blade. The windmill was once utilized to pump water from the old well for the livestock. It is no longer in use. The condition of the windmill is in moderate phase of deterioration.



Feature 2 - Feature two consists of a large holding tank. It is 7 meters in length by 2 meters in width. The tank is 3.2 meters in diameter. Approximately one-half of the tank is buried in the ground. Construction consists of $\frac{1}{2}$ " steel riveted panels with silver metal paint over it. Some spot welding occurs on the corner plates. The west end of the tank has recent plastic pipe with screw clamps. This is enclosed in a wood frame. The construction and the appearance indicates a more recent structure than the windmill. This may be used to hold water after the windmill was no longer in use.

Feature 3 - Feature three is a general scatter of pipe and angle iron. This is also the location of the oak circular wood well rods with split steel and galvanized connecting hoods.

Feature 4 - Feature four is the pump house. It is 1×1 meter and about 60 cm high. The base is made of cement with a wood top. The condition of this structure is very good and it also appears to be more recent than the windmill. The pump house may still be used to pump water from the large holding tank (Feature 2) to the stock tanks (Features 5 and 7).

Feature 5 - Feature five is the smaller stock tank located near the pump house (Feature 4). The tank is circular with a 3.85 meter diameter. The rim of the tank is approximately 60 cm above the base of the tank. The rim is made of galvanized steel and the base is made of concrete. The rim is held together with large nuts and bolts. There is a similar shape depression nearby which indicates another tank may have been used there at one time.

Feature 6 - Feature six consists of a livestock scratching post. It is an H-frame made of wood with the actual scratching board missing. It is about 2.1 meters high and 2 meters in length. Round nails are used in the construction.

Feature 7 - Feature seven is the larger of the two stock tanks and is located a considerable distance away from the rest of the features. It also is made of a concrete base with a galvanized steel rim held together by nuts and bolts. It is 6 meters in diameter and the rim extends 90 cm above the base of the tank. Both stock tanks (Features 5 and 7) are in good condition.

-30-

Feature 8 - Feature eight consists of man-made terraces. These were probably bulldozed to prevent erosion and soil blowing. The terraces vary, but are approximately 2 meters high and 5 meters in width.

Also associated with the site is a jeep trail that leads to the windmill from the north. An old large milk can was also observed in the bottom of an unnamed intermittent drainage, located at south part of the site. Overall disturbance of the site is minimal and most of it appears to be kept up, and may still be in use. The windmill, however, has not been in use for some time. Its condition and construction appear to be older than the rest of the structures.

A literature search at the Division of State Archives and Public Records showed that the land was unleased in the 1920's but was used by Henry Bledsoe in 1938. There was probably an earlier lease on the land, but there is a gap in the records earlier than 1938. The documents show that a windmill was on the land by 1953 and there is mention of water drilling prior to 1948.

A letter found in the files (See Figure 5) from the State Board of Land Commissioners to Honorable Ed C. Johnson, Governor, dated January 27th, 1956, gives the most valuable information regarding the date of the site. With this letter and the other records, the area was used for grazing in the 1920's and 1930's. There is a gap in the records and in 1938, Mr. Bledsoe leased the land and improvements were made prior to 1948.

Thus, the site may have been utilized sometime in the 1920's and/or 1930's. However, the windmill which appears to be the earliest structure on the site, was probably constructed by Bledsoe sometime after 1938. The remaining structures at the site appear to still be in use. Isolated Find 5EP227

The isolated find, one flake, is located on a gentle southwest facing slope, 100 meters east southeast of the windmill site (5EP226). An unnamed intermittent drainage is located 100 meters to the southwest. The flake was found at an elevation of 6245 feet. Natural vegetation includes dominantly blue grama, needleandthread, side-oats grama, sand dropseed, and buckwheat. The soil is Ascalon Sandy Loam. The subsoil is 22 inches thick and consists of a brown, yellowish-brown, and pale brown sandy clay loam. Surface runoff

-31-

General

Copy available to DTIC does not permit fully legible reproduction

19482-8

22298-8

Cross file -

× the

8-26397

Henry Bledsoe

January 27th, 1958



Honorable Ed C. Johnson, Governor, State of Colorado, State Capital Building. Denver, Colorado.

Dear Governor Johnsons

Agreeable to your request I as making a brief report on the record of Henry Bledsoe as to his leasing of State lands.

During the 1930s there was a large acrosse of State land in Ctere and Crowley counties which was unlessed. A great portion of this land was being used as public domain by the adjoining stookmen. Nost of this land had no livestock water. The sattlemen would use it following a rain, and the sheep new would use it when there was snow on the ground in the winter. The records show that some of this land was used by Boone Feat in his sheep operations, along with some lund that he had leased.

In 1938 hr. Blodson came up from Texas and, after a very careful investigation, negatiated a lease on a total of 62,585.71 acres of State land at de per serve. In his agreement with the State Land Board be stated that he would ferre this land and develoe adequate water for livestock operations.

The second lesse which was issued in 1945 started out at 4\$ per sore, but was issued on a sliding seale, and the restal rate for the last year was of per acre.

In 1948 when Mr. Bledsoe's lease was up for the second receml. we refused to renew the least at 64. After considerable nerokistica. ir. Bladsoe said that he could not afford to pay more than by per acre. To further stated that if he could get bis money out of the improvements he would turn the lease to anyone we directed. Is asked for an extension of time in order to effect a sale. We extended his lease one year at 84 per acre. The same conditions prevailed in 1949, and the lease was again extended for one year at 8¢ par acre, giving Mr. Bledsce time to effort a sale of his runsh, including an assignment of the State leases.

Figure 5: Letter from State Board of Land Commissioners

Senerable Ed C. Johnson -2-

Reproduced from 0 best available copy.

In 1950 Hr. Bleckoo come to us and said that he bad finally succeeded in selling his ranch to a Mr. Lewis, but it was with the understanding that the restal rate on the State land would be 8g pay acre. We told him we could not grant him a lease at 9% per acre. After some negetiation we agreed to rease the lease at 9¢ per sore per unane previding be would pay an additional rental of \$3,630.200. This figured the over-all rental which the State received at 11-1/3/ per scre per annual. This propesitist was assepted by Kr. Blodage. Two essignments had previously been made, and following the isomers of the of lease, an assignment was made to Kr. Lovis unbracing 50,578.20 estate

During the two years that the lease was extended the heard nade suveral menuseratal abbargis to find summer with resources enough to take ever the Bladsoo losse and pay for the improvements lesated upon the State Land,

The firsts are they there was a large acroage of State land unleased and which, because to one had taken coro of it, was in poor condition. Mr. aludece leaved this land and built, according to the records. 40 miles of two force, and re-built 67 miles of old faces, some of which had remained on the latel since the land was lessed in the 1920s. He also put down five deep wells and installed adequate power with to reise the wher for liveniock surveyed. He installed missing tasks and buring divided the ranch into mean rous pastures, he laid several siles of mator pipe frees the vertices evils so that each pasture could have adequate water. By deferred pracing and retation of the use of the various pastures, the grass was vestored until now the ranch has a very desirable sed covering.

ir. Sladege's report eleve that the total dast of ingravations on the State Lend was 072,512.77, c2 which the Federal Covariment said \$6.668.59. We were unwill to sheat these costs secolutively, but we old sheet then to such an extent that we believed them to be essectially correct.

The over-all pietors is that because of hr. Elaisos's espenditage of money and his work and efforts the State nor owns a large block of land which is adoptably watered and adoptately fenced, and under warmal weather equilitions is a very desirable livestock ranch. This may be, in fact, another ease where the State Land Heard did not know up with the inflation, but in my spinien the overwell picture is good for the State of Enlorance, and there is no reason why the schools of Colorado cannot support ar. Sledsoc's appaintment to any position you my electe

Very truly yours.

Copy available to DTIC does not permit tully legible reproduction

Je Je Lik Withis Sectorer STARN BOARD OF LAND OULLINGTONS

33

LT ...

is slow to medium with moderate erosion and soil blowing (Larsen 1981:9).

The isolated find consists of a secondary flake of brown/gold petrified wood (body) and tan/light brown petrified cortex (the bark). It is 3 cm x 3 cm x l cm.

No other cultural material was located in the area. The flake was found on the surface and there was no indication of subsurface deposits. Limited testing was conducted, but nothing else was located. The cultural affiliation and time period for this artifact is unknown. Isolated Find 5EP228

The isolated find, one flake, is located on top of a small rolling hill that overlooks an unnamed intermittent drainage near the windmill site (5EP226). This drainage is located 140 meters east of the flake. The elevation of the isolated find is 6263 feet. Natural vegetation is dominantly western wheat grass, needleandthread, and side-oats grama. The soil is Truckton Sandy Loam. The surface layer is grayish brown loam about 5 inches thick. The second layer is a dark grayish brown sandy loam about 3 inches thick. The subsoil is brown sandy loam about 16 inches thick. Surface runoff is slow to medium with moderate erosion and soil blowing (Larsen 1981:61).

The isolated find consists of a tertiary flake of Golden/Brown petrified wood. This appears to be a similar material to isolated find 5EP227 located approximately 250 meters to the northeast. No association is made, however. The flake is 2.1 cm x 2.9 cm.

No other cultural material was observed in the area. The flake was found on the surface and limited testing resulted in no subsurface cultural deposits. Cultural affiliation and time period is unknown. Isolated Find 5EP229

This consists of a point fragment located on a slight south facing slope. An unnamed intermittent drainage is located 330 meters to the east. The elevation of the isolated find is 6255 feet. Natural vegetation is predominantly blue grama, needleandthread, side-oats grama, sand dropseed, and buckwheat. The soil is Ascalon Sandy Loam with the subsoil a brown, yellowish-brown, and pale brown sandy clav 'oam about 22 inches thick. Surface runoff is slow to medium with moderate erosion and soil blowing (Larsen 1981-9).

-34-

The isolated find consists of an off-white to pink translucent cryptocrystalline (chert) projectile point fragment (Figure 6). The measurements for this projectile point are presented in Table 1 and follow the measurement system described by Ahler (1971). The exact date of the artifact is unknown because there is no associated absolute data. However, the attributes, style and material are similar to Woodland points found elsewhere. Specifically, it is very similar to the Woodland MM35 points which date to ca. 1,000 A.D. (Irwin-Williams and Irwin 1966:93-94).

No other cultural material was observed in the area. The point was found on the surface and limited testing resulted in no subsurface deposits. The point may have been dropped or lost during hunting. Isolated Find 5EP230

This flake is located on a man-made terrace produced by a bulldozer. This terrace is approximately 20 meters in length and shows extensive burning. There is no vegetation on the terrace. The elevation for this find is 6250 feet. An unnamed intermittent drainage is located 210 meters to the northwest. Natural vegetation around the terrace includes blue grama, needleandthread, side-oats grama, sand dropseed, and buckwheat. The soil is Ascalon Sandy Loam with the subsoil a brown, yellowish-brown, and pale brown sandy clay loam about 22 inches thick. Surface runoff is slow to medium with moderate erosion and soil blowing (Larsen 1981: 9).

The isolated find includes a small chalcedony interior flake. The pressure flake is .6 cm x .9 cm. No other cultural material was observed in the area. The flake was found on the surface and limited testing resulted in no observable subsurface cultural deposits. Cultural affiliation and time period is unknown.

Isolated Find 5EP231

This isolated find consisting of an exhausted core, is located on a flat area at a high point in the survey area. Elevation is 6260 feet. An unnamed intermittent drainage is located 220 meters to the west. Vegetation is dominantly blue grama, needleandthread, side-oats grama, sand dropseed, and buckwheat. Soil is Ascalon Sandy Loam with the subsoil a brown, yellowish sandy clay loam about 22 inches thick. Surface runoff is slow to medium with moderate erosion and soil blowing (Larsen 1981:9).



TABLE 1

Projectile Point (5EP229) Measurements (after Ahler 1971)

Projectile Point - Cryptocrystalline - off-white to pink translucent - Chert

1.	Total length <u>estimated</u>	(26.5) MM
2.	Basal contact width	0.0
3.	Basal centerpoint width	0.0
4.	Proximal haft width	10.0
5.	Proximal haft length	0.8
6.	Distal haft width	8.2
7.	Distal haft length	4.5
8.	Blade base width	13.3
9.	Blade base length	3.5
10.	Maximum width	14.2
11.	Maximum width length	4.5
12.	Maximum thickness	2.3
13.	Maximum thickness length	8.0
14.	Basal dulling width	10.0
15.	Lateral haft dulling length	0.0
16.	Basal thinning length	5.3
17.	Blade edge angle	23°
18.	Weight (broken)	.7grams

-37-

The core remnant is a lavender/white chert with 50% cortex remaining. It is 2 cm x 2.5 cm. The core shows evidence of heat exposure indicated by polish on the exterior and spaulding. The interior is grainier and exhibits flake scars and fractures.

No other cultural material was observed and limited testing did not show any signs of subsurface cultural deposits. Cultural affiliation and time period are unknown.

Isolated Find 5EP232

This large core remnant was located at the bottom of an unnamed drainage, just north of a ranch house and 5 meters north of the fence on Enoch Road. Elevation here is 6210 feet. Vegetation surrounding the drainage includes blue grama, needleandthread, side-oats grama, sand dropseed, and buckwheat. Soil is Ascalon Sandy Loam with the subsoil brown, yellowish sandy clay loam about 22 inches thick. Surface runoff is slow to medium with moderate erosion and soil blowing (Larsen 1981:9).

The petrified wood core was collected for analysis. This core is not the same petrified wood material as the flakes observed at isolated finds 5EP227 and 5EP228. The texture, grain and color are different between the core and the flakes. It is large: 7.2 cm in length by 6.6 cm in width by 3.4 cm in thickness. It has no cortex, is rectangular, and is unifacially and unidirectionally flaked. It has been utilized as a scraper by the evidence of step flaking. On the opposite end, the tool exhibits high polish, suggesting it was held at this point (See Figure 6).

No other cultural material was observed in the area. The location of this artifact in the bottom of the drainage probably does not indicate where it was originally deposited. It could have been washed down there from anywhere along the drainage. Cultural affiliation and time period are unknown.

Bone Location

A probable bison mandible was observed eroding out of the bottom of a bank along an unnamed drainage. The mandible was exposed at 2.4 meters below the drainage surface. The area was thoroughly examined for cultural material, but none was located. Controlled testing was performed on the slump overlaying the bone. This slump was 1.6 meters above the drainage

-38-

bottom. The mandible was located .62 meters below the top of the slump. The testing resulted in no more bones being discovered, nor was any cultural material observed.

The depth of the mandible below the surface of the bank, as well as its partial mineralization, would suggest a relatively old age and probably bison.

The fact that the mandible was in total isolation would suggest that it had been washed down the drainage from another location and deposited where it was found. There is no sign of any cultural remains indicating human association with the bone. It does, however, present evidence that bison roamed the area in the past.

EVALUATION OF RESEARCH

The evaluation of the research design presented earlier will now be examined. Most of the problem-oriented questions can be addressed with the use of negative data. This is important for small projects, such as this one, to make a contribution to the overall scientific research for the prehistory and history of the general area. The following is the evaluation of each specific hypothesis.

Chronology/Cultural Affiliation

Little information was gained from this small project to better define the chronology and cultural affiliation of the area. Prehistorically, one projectile point fragment (5EP229) was found that is very similar to Woodland points, specifically MM35 (Irwin-Williams and Irwin 1966:93-94). This might suggest a chronology of about 1,000 A.D. and a cultural affiliation of Woodland occupation of the project area. However, no absolute dates are associated with this isolated find, so caution should be taken in making this comparison. Historically, Site 5EP226 was occupied from the 1920's or 1930's to the present. This site represents the theme ranching and livestock grazing and watering.

Hypothesis 1

There is no indication of Paleo-Indian occupation in the project boundaries. There is, however, evidence for bison in the area, with the location of the probable bison mandible. The absence of Paleo-Indian

-39-

cultural material does not negate the possibility of non-exposed Paleo-Indian sites in the project area.

Hypothesis 2 and Hypothesis 3

There is no indication in the project boundary for Archaic occupation or a hiatus for early Archaic complexes. There is evidence for Archaic occupation near the project area (See Martin 1979; Halasi 1980; Goodig 1977).

The fact that no cultural material from this time period exists in the present project area is probably more a result of settlement patterns than the fact that they were not in the area altogether.

Hypothesis 4

Through the examination of functional use of Site 5EP226, a Ranching theme was identified and defined. This ranching theme began in the project boundary sometime in the early 1920's and still exists in the area today. No other historic themes were identified within the project boundary.

Hypothesis 5

For the specific project area, this hypothesis was shown to be correct. The most abundant theme, and the only theme, was ranching. Site Typology and Function

Little information prehistorically was gained from the project. All data was in the form of isolated finds. This suggests that the specific project area was only utilized occasionally, possibly during hunting.

Hypothesis 1

No information was assessed for site type because of the lack of prehistoric sites. The isolated finds suggest only occasional use of the specific project area.

Hypothesis 2

This hypothesis was correct for the project area. Site 5EP226 functioned in a ranching theme which is like the Residential Base type for prehistoric sites.

Settlement Patterns

Information was obtained for this research domain. It is negative data but very important for understanding Settlement Patterns.

As discussed in the Research Design certain ecological and environ-

mental variables seem to be important regarding the determination of settlement patterns (For example, see Lischka 1980; Grady 1980; Kvamme 1980). One important variable includes the accessibility to water. Recently, it has been demonstrated (Kvamme 1980:96) that the accessibility to permanent water is very important.

This critical variable, the accessibility to a permanent water source, is missing in the present project area. The project area has only two intermittent drainages. These drainages appear to only have water in them during thunderstorms. The nearest natural permanent water source is Fountain Creek some 15 miles to the southwest. Consequently, the accessibility for a permanent water source is poor. Prehistorically, availability of water in the specific project area was probably very limited. In addition, no springs could be located in the area.

Other important variables determining occupations not located in the present project area are: 1) the lack of shelter, 2) resources such as for fuel and vegetational areas, 3) topography such as benches and terraces, and 4) the confluence of drainages. Variables that are in the project area and appear to be satisfactory for prehistoric occupation include altitude, aspect, and degree of slope.

Hypothesis 1

Sites found in high density should occur when certain environmental variables are present, such as the accessibility of water, topographical features, shelter, fuel, confluence of drainages, etc. If these variables are missing, then it is predicted that high density sites will not occur. This hypothesis is shown to be correct as a number of critical variables do not exist in the project area; and, consequently, no prehistoric sites were located. With the lack of water, shelter, fuel and plant foods, the project area would not be an attractive place for occupation and utilization. The area was, however, probably occasionally utilized for hunting.

Hypothesis 2

Since no site types were identified, no information is available to examine the diversity in site types and their relationship to ecological zones.

Hypothesis 3

This hypothesis is correct. There is an association with certain environmental variables and ranching adaptation. These include a variety of grasses (See Environment) for livestock grazing, gentle landscape, and the availability for man-made watering systems (i.e., wells).

Exchange/Intergroup Interaction

There is not enough data available to adequately address the hypothesis under this research topic.

Resource Utilization and Technology

There is not adequate information to address Hypothesis 1 regarding cultural groups and a distinct technology based on environmental exploitation. However, some statements can be made regarding prehistoric resource utilization and Lithic technology.

The potential resource utilization such as the lack of edible plant resources for humans, the availability of animal resources, and the variety of grasses for game animals grazing would offer an environmental suitable for hunting.

The Lithic technology does not dispute the hunting exploitation explanation for resource utilization for the project area. The Lithic material includes a projectile point, two core fragments, one of which was utilized as a scraper and a few flakes. All of the Lithic material can be associated with the technology of animal exploitation through hunting.

Hypothesis 2

This hypothesis is shown to be correct. The ranching theme shows a functional tool technology, only associated with the ranching theme. This includes a well in which to obtain water for the livestock, a windmill to operate the well, a large holding tank to store the water, a pump house, and stock tanks for the livestock to drink from (See Site Descriptions).

None of the more specific questions could be addressed because of the lack of sufficient data.

Summary

In summary, the results of the survey and research indicates that the specific project area was only utilized occasionally by prehistoric people,

probably during hunting. Moderate erosion of the soils and excellent ground visibility would indicate that most archaeological sites would be located. However, environmentally the area is not an attractive place for prehistoric occupation beyond that of hunting, which is what the findings of research suggest.

Historically, the project was heavily utilized by the ranching industry. This ranching and livestock grazing probably began in the early 1920's and still exists in the area today.

MANAGEMENT SUMMARY AND RECOMMENDATIONS

Site 5EP226

This site consists of a livestock watering area. The site will be either directly or indirectly affected by the layout of the proposed CSOC facility. The site has a number of features including an old windmill, a present day well, pump house, holding tank and watering tanks. Research indicates that the use of the site area may date to as early as the 1920's. The oldest feature at the site is the windmill, which is an "Airmotor." The windmill is factory-made and the type is common (Dave Ford, personal communication).

Though information from the site addressed a number of the problemoriented questions, research on the site indicated that it does not appear to be 1) associated with events significant to our history, 2) associated with lives of significant persons of the past, or 3) have distinctive characteristics of type, period or method of construction.

As a result of the above information, Site 5EP226 does not appear to meet the criteria for inclusion to the National Register of Historic Places. No further work is recommended for the site.

Isolated Finds 5EP227, 228, 229, 230, 231 and 232

Isolated Find 5EP229 consists of an isolated projectile point. 5EP231 and 232 consists of two core fragments, one of which has been utilized as a scraper. 5EP227, 228 and 230 consists of isolated flakes. All the isolated finds will be directly or indirectly affected by the construction of the CSOC facility. None of these locations appeared to have any subsurface cultural material. The information from these isolated finds did supply

-43-

some data to address some of the research questions. However, none of the isolated finds addressed any research question in such a manner as to provide important information regarding the prehistory of the area.

As a result of the above information, none of the isolated finds appear to meet the criteria for the National Register of Historic Places. No further work is recommended.

It is recommended that if any subsurface cultural material is encountered during construction, specifically along the banks of the intermittent drainages, the Colorado Preservation Office be contacted immediately.

A summary of recommendations for the site and isolated finds discussed above is presented in Table 2.

TAB	LE	2
-----	----	---

Site/Isolated Finds	Туре	Eligibility to National Register	Management Suggestion	
5EP226	Livestock Watering Area	Not Eligible	No further work	
5EP227	Isolated Flake	Not Eligible	No further work	
5EP228	Isolated Flake	Not Eligible	No further work	
5EP229	Isolated Projectile Point	Not Eligible	No further work	
5EP230	Isolated Flake	Not Eligible	No further work	
5EP231	Isolated Core Fragment	Not Eligible	No further work	
5EP232	Isolated Core Fragment	Not Eliglble	No further work	

A - Maderada

Ī

REFERENCES CITED

Ahler, S.A.

1971 Projectile Point Form and Function at Rogers Shelter, Missouri. <u>Missouri Archaeological Society Research Series No. 8</u>. University of Missouri, Columbia, Missouri.

Anderson, Morris R. and D.M. Hall

1977 A Reconnaissance Survey of Archaeological and Historical Site Densities in Six Alternative Flood Control Closures on Fountain Creek, Pueblo County, Colorado. Trinidad State Junior College Ms. on file at Colorado Preservation Office, Denver, Colorado.

Benedict, James B.

- 1979 Getting Away From It All: A Study of Man, Mountains, and the Two Drought Altithermal. Southwestern Lore 45(3):1-12.
- 1975a The Murray Site: A Late Prehistoric Game Drive System in the Rocky Mountains. <u>Plains Anthropologist</u> 20(69):161-185.
- 1975b Scratching Deer: A Late Prehistoric Campsite in the Green Lakes Valley, Colorado. Plains Anthropologist 20(70):267-278.

Benedict, James B., and Byron L. Olson

1978 The Mount Albion Complex: A Study of Prehistoric Man and the Altithermal, <u>Center for Mountain Archaeology</u>, <u>Research Report</u> No. 1.

Binford, Lewis R.

- 1980 Willow Smoke and Dogs' Tails: Hunter-Gatherer Settlement Systems and Archaeological Site Formation. <u>American Antiquity</u> 45:4-20.
- 1972 An Archaeological Perspective. Seminar Press, New York.

Breternitz, David A.

1969 Radiocarbon Dates: Eastern Colorado. <u>Plains Anthropologist</u> 14(44):113-124.

Buckles, William G.

1974 The 1973 Archaeological Survey of the Proposed Alignment of the Fountain Valley Conduit, Fryingpan-Arkansas Project, Bureau of Reclamation in Fremont and El Paso Counties, Colorado. Ms. on file at Colorado Preservation Office, Denver, Colorado.

-46-

Butler, William B.

- 1981 Eastern Colorado Radiocarbon Dates. <u>Southwestern Lore</u> 47(3):12-31.
- 1980 <u>Comments on Research Design for the State Historic Preservation</u> <u>Plan: Eastern Colorado</u>. Paper presented at the March 1980 meeting of the Colorado Council of Professional Archaeologists.
- Caldwell, Joseph R.
 - 1958 Trend and Tradition in the Prehistory of the Eastern United States. American Anthropologist, 60(6) pt. 2.
- Campbell, Robert G.
 - 1969 <u>Prehistoric Panhandle Culture on the Chaquaqua Plateau</u>, <u>South-</u> <u>east Colorado</u>. Ph.D. dissertation, University of Colorado, Boulder.
- Chedd, Graham
 - 1980 On the Trail of the First Americans. <u>Science</u>. March, April, 1980.
- Chittenden, Hiram M.
 - 1954 <u>The American Fur Trade and the Far West</u> (2 vols.). Academic Reprints, Stanford. Reprint of 1902 Original.
- Cleland, Robert Glass
 - 1963 This Reckless Breed of Men: The Trappers and Fur Traders of the Southwest. Alfred A. Knopf, New York.
- Davis, William E. and E. Steve Cassells
 - 1981 Cultural Resource Survey and Test Excavations of the Elizabeth Microwave Tower Site. Plano Archaeological Consultants. Ms. on file at Colorado Preservation Office, Denver, Colorado.
- Eddy, Frank W., C. Jurgens, P. Freidman, and T.R. Farmer.
 - 1981 A Cultural Resource Inventory of Castlewood Canyon State Park, Douglas County, Colorado. Science Applications, Inc. Ms. on file at Colorado Preservation Office, Denver, Colorado.
- Ford, David 1982 Personal communication. Raised on a ranch in western Nebraska.
- Frison, George C.
 - 1978 <u>Prehistoric Hunters of the High Plains</u>. Academic Press, New York.
- Gadd, Powys

1982 Personal communication. Born and raised in Colorado Springs.

Gooding, John D.

1977 The Archaeological Survey of the Proposed Powers Boulevard Corridor in Colorado Springs. Colorado Division of Highways, Highway Salvage Report #18.

Grady, James

- Environmental Factors in Archaeological Site Location. Bureau 1980 of Land Management, Colorado. Cultural Resource Series No. 9, Denver.
- 1971 The Wilbur Thomas Shelter and its Relationship to Other Sites in the Rocky Mountains and the Plains. Southwestern Lore 36(4):85-88.

Guthrie, Mark R., ed.

Testing of Archaeological Sites on the Basalt-Malta Trans-1981a mission Line, Lake County, Colorado. Ms. on file at CPO, Denver, Colorado.

Guthrie, Mark R.

19816 An Intensive Cultural Resource Survey and Examination of Settlement Patterns for a Small Project in North Park. Jackson County, Colorado. Ms. Archaeological Research Institute. Department of Anthropology, University of Denver.

Hafen, LeRoy R.

- 1954 When Was Bent's Fort Built? Colorado Magazine 31(2):105-119.
- 1952 Fort St. Vrain. Colorado Magazine 29:241-255.
- 1941 Pike's Peak Gold Rush Guidebooks of 1859. The Southwestern Historical Series, Vol. IX. Arthur H. Clark Company, Glendale.

Halasi. Judith A.

1980 Chapel Hills Park Site Acquisition, Cultural Resource Survey, Colorado Springs, El Paso County, Colorado. Ms. on file at CPO, Denver, Colorado.

Harrington, H.D.

Edible Native Plants of the Rocky Mountains. The University 1967 of New Mexico Press.

Haug, James D.

Prehistoric Eastern Colorado 10,000 B.C. to 1 A.D. Southwestern 1968 Lore 34(1):1-10.

- Haynes, C. Vance, Jr. 1964 Fluted Projectile Points: '
 - 1964 Fluted Projectile Points: Their Age and Dispersion. <u>Science</u> 145(3639):1408-1413.
- Irwin, Henry J. and Cynthia Irwin 1959 Excavations at the LoDaisKa Site. <u>Denver Museum of Natural</u> <u>History</u>, <u>Proceedings</u> No. 12.
- Irwin-Williams, Cynthia, and Henry J. Irwin 1966 Excavations at Magic Mountain. <u>Denver Museum of Natural</u> <u>History, Proceedings</u> No. 12.

Jennings, Jesse D.

1974 Prehistory of North America. (second edition). McGraw-Hill, New York.

Kvamme, Kenneth L.

- 1980 Predictive Model of Archaeological Site Location in the Glenwood Springs Resource Area. In Class II Cultural Resource Inventory of the Glenwood Springs Resource Area, Grand Junction District, Colorado (Part II). By Robert L. Burgess et al. Ms. on file at Nickens and Associates, Montrose, Colorado.
- 1979 Settlement Variability on the High Plains of Northeastern Colorado: The South Platte River. <u>Southwestern Lore</u> 45(4):18-28.

Larsen, Lynn S.

- 1981 <u>Soil Survey of El Paso County Area, Colorado</u>. United States Department of Agriculture Soil Conservation Service in cooperation with the Colorado Agricultural Experiment Station.
- Lischka, Joseph J., Mark E. Miller, R. Branson Reynolds, Dennis Dahms and Kathie Joyner
 - 1980 Final Report of a Class III Cultural Resources Inventory of Potential Coal Production Areas in North Park, Jackson County, Colorado. Ms. Department of Anthropology, University of Colorado, Boulder.
- Martin, Curtis W.
 - 1979 A Settlement Survey of the Fort Carson Military Reservation Preliminary Report. Ms. on file at the CPO, Denver, Colorado.
- Nelson, Charles E.
 - 1971 The George W. Lindsay Ranch Site 5JF11. <u>Southwestern Lore</u> 37(1):1-14.
 - 1969 Salvage Archaeology on Van Bibber Creek, Site 5JF10. <u>South-</u> western Lore 34(4):85-106.
 - 1967 The Archaeology of Hall-Woodland Cave. <u>Southwestern Lore</u> 33(1):1-13.

-49-

Nelson, Sarah M.

1979 Archaeological Investigations in the Chatfield Reservoir, Colorado. Ms on file at the Department of Anthropology, University of Denver.

Nelson, Sarah M. and Helen Pustmueller

- 1974 Research Proposal. Laboratory Analysis of Archaeological Materials from Franktown Cave, Colorado (I:9:31) Ms on file at the Department of Anthropology, University of Denver.
- Ohr, N. Ted, Kenneth L. Kvamme, and Elizabeth Ann Morris 1979 The Lykins Valley Site (5LP263): A Stratfield Locality on Boxelder Creek, Larimer County, Colorado. Ms. on file at IAS, Denver, Colorado.

Plog, Fred, and James N. Hill

1971 Explaining Variability in the Distribution of Sites. <u>The</u> <u>Distribution of Prehistoric Population Aggregates</u>, edited by George J. Gumerman. Prescott College Anthropological Reports, No. 1. Prescott, Arizona.

Renaud, E.B.

- 1931 Archaeological Survey of Eastern Colorado. University of Denver, Denver, Colorado.
- Service, Elman R.
 - 1971 Primitive Social Organization. 2nd ed. Random House, New York.

Stanford, Dennis

1979 The Selby and Dutton Sites: Evidence for a Possible Pre-Clovis Occupation of the High Plains. <u>Pre-Llano Cultures</u> of the Americas: Paradoxes and Possibilities, edited by R.L. Humphrey and D. Stanford. Anthropological Society of Washington.

Steward, Julian H.

- 1967 The Great Basin Shoshonean Indians. <u>The North American</u> <u>Indians</u>. Roger C. Owen, et al.
- 1938 <u>Basin Plateau Aboriginal Sociopolitical Groups</u>. Bureau of American Ethnology Bulletin 120.

Tator, B.A.

1952 Piedmont Interstream Surfaces of the Colorado Springs Region, Colorado. Bulletin of the Geological Society of America, 63:255-274.

-50-

Thomas, David H.

- 1974 An Archaeological Perspective on Shoshonean Bands. <u>American</u> <u>Anthropologist</u> 76:11-23.
- Ubbelohde, Carl, Maxine Benson and Duane A. Smith 1972 <u>A Colorado History</u>. Pruett Publishing Company
- Wedel, Waldo R.
 - 1963a The High Plains and Their Utilization by the Indian. <u>American</u> <u>Antiquity</u> 29(1):1-16.
 - 1963b Cultural Stratification at the Lamb Springs Site, Colorado. <u>Abstracts of Papers, Society for American Archaeology</u>. 32nd <u>Annual Meeting</u>.

Wheat, Joe Ben

- 1979 The Jurgens Site. <u>Plains Anthropologist</u>, Vol. 24, No. 84, Part 2, Memoir 15.
- 1972 The Olsen-Chubbuck Site: A Paleo-Indian Bison Kill. <u>Society</u> for American Archaeology Memoir Number 25.

Wilmsen, E.N. and F.H.H. Roberts

1978 Lindenmeier, 1934-1974: Concluding Report on Investigations. <u>Smithsonian Contributions to Anthropology, No. 24</u>.

Windmiller, Ric and Frank W. Eddy

1975 An Archaeological Study of Aboriginal Settlements and Land Use in the Colorado Foothills. National Park Service. Ms. on file at Colorado Preservation Office, Denver, Colorado.

Withers, Arnold M.

1954 Reports of Archaeological Fieldwork in Colorado, Wyoming, New Mexico, Arizona and Utah in 1952 and 1953: University of Denver Archaeological Fieldwork. <u>Southwestern Lore</u> 19(4):1-3.

Wood, W. Raymond.

1971 Pottery Sites Near Limon, Colorado. <u>Southwestern Lore</u> 37(3):53-85.

Wormington, H. Marie

1957 Ancient Man in North America. Denver Museum of Natural History. Popular Series No. 4.





Overview of Survey Area. Notice drainage and ranch house in center distance. Photo taken looking south southeast.



Overview of Site 5EP226 showing windmill (Feature 1), holding tank (Feature 2), pump house (Feature 4), and a stock tank (Feature 5). Photo taken looking north northwest.

-52- L



Closeup of Feature 1 - Windmill, Site 5EP226 Notice wire and the state of deterioration.

Ī

ł

3



Closeup of Feature 1 - Windmill, Site 5EP226. Notice "Airmotor Chicago" written on blade.



Site 5EP226. Photo taken from Windmill (Feature 1) looking south southwest. Notice terrace in center and large stock tank (Feature 7) in left distance.

i

-

1

I

ļ



Site 5EP226. Photo taken from Windmill (Feature 1) looking south southeast. Notice pump house (Feature 4), small stock tank (Feature 5), and scratching post (Feature 6) in center.

WERE STOR



Site 5EP226. Closeup of Feature 2 - large holding tank. Photo taken looking west.



Site 5EP226. Closeup of oak circular wood well rod with split steel and galvanized connecting hoods. This is found in Feature 3.



Site 5EP226. Closeup of pump house (Feature 4). Photo taken looking south southeast.



Site 5EP226. Closeup of Feature 5 (Smaller stock tank). Photo taken looking east.



Site 5EP226. Closeup of inside stock tank (Feature). Notice scratching post (Feature 6) in distance. Photo taken looking south southeast.



Site 5EP226. Closeup of large holding tank (Feature 7). Notice the remainder of the site in the background. Photo taken looking north northeast.



1

Site 5EP226. Closeup of milk can. Notice windmill (Feature i) and holding tank (Feature 2) in distance. Photo taken looking north.

Cultural Resource Survey for the Consolidated Space Operations Center Project near Colorado Springs, El Paso County, Colorado

SITE FORMS

by

Mark R. Guthrie

Prepared Under the Supervision of Dr. Sarah M. Nelson, Principal Investigator

> Archaeological Research Institute Department of Anthropology University of Denver

Administered by The National Park Service Rocky Mountain Regional Office Interagency Archaeological Services

> Funded by The United States Air Force

Contract No. CX1200-2-B007 Permit No. 82-5

-1982-


COLORADO CULTURAL RESOURCE SURVEY

I

I

1.2

ł

١.

OSAC/DHP 1300 Broadway, Denver, CO 80203

IMPORTANT: COMPLETE THIS SHEET FOR EACH RESOURCE NOT FOR FIELD USE PLUS EITHER AN ARCHAEOLOGICAL OR HISTORIC/ Det. Elig. ARCHITECTURAL COMPONENT FORM. ADDITIONAL COMPONENT FORMS MAY BE ATTACHED FOR MULTI- Nominated COMPONENT RESOURCES. Listed
I. IDENTIFICATION: 1) Resource No. 5EP226
2) Temp. No. <u>CS-Site-1</u> 3) Resource Name
4) Category: Arch. Site, Hist./Archit. Structure_X, Hist./Archit. District
5) (For sites) In a District: yesno <u>x</u> ;Name
II. LOCATION: 6) Township 14 ^S ; Range 64 ^W ; SE & of SW & of NE & of NE & of
Section 26; P.M. 6 th . 7) County El Paso
8) UTM Reference:USGS Quad <u>Coral Bluffs</u> ; 7.5 x 15 ;Date <u>1975</u> (Attach photocopy portion of USGS Quad. Clearly show site. One UTM may be given for site under 10 acres.)
A. <u>113; 514, 118, 6, 0</u> mE; <u>4, 2, 9, 5, 1, 8, 0</u> mN. B. <u>1, J. 1, 1, mE; 1, 1, 1, 1, mN</u> .
9) Resource Address or Vicinity: <u>N/A</u>
10) City/Town N/A Lot No Block No
III. MANAGEMENT DATA: 11) Field Assessment: Eligible Not Eligiblexx Need Data
12) Owner/AddressState
13) Known Gov't Involvement: CountyState <u>x</u> Federal: Agency
14) Size: <u>17.280</u> sq 🙀acres. 15)Threatened: Yes <u>X</u> NoUnkr.own
16) Source of Threat: Water Erosion Wind Erosion Animal Disturbance Neglect <u>X</u>
Vandalism Recreation Construction/Development_X Other
17) Recommendations: The site is characteristic of the many windmills and stock watering
areas on Colorado eastern plains. No further work is recommened.
IV. REFERENCE: 18) Project/Agency Name: Consolidated Space Operations Center
IV. REFERENCE: 18) Project/Agency Name: <u>Consolidated Space Operations Center</u> Cultural Resource Survey for the Consolidated Space Operations Center 19) Report Title: <u>Project Near Coloredo Springs, El Paco County, Coloredo</u>
IV. REFERENCE: 18) Project/Agency Name: <u>Consolidated Space Operations Center</u> Cultural Resource Survey for the Consolidated Space Operations Center 19) Report Title: <u>Project Near Colorado Springs, El Paso County, Colorado</u> 20) State/Fed. Permit No. <u>State - 82-5</u> 21) Photo Nos. <u>RI-13-20; RII 1-17</u>
IV. REFERENCE: 18) Project/Agency Name: Consolidated Space Operations Center Cultural Resource Survey for the Consolidated Space Operations Center 19) Report Title: Project Near Colorado Springs, El Paso County, Colorado 20) State/Fed. Permit No. State - 82-5 21) Photo Nos.RI-13-20; RII 1-17 22) Photos on File at: Department of Anthropology, University of Denver
IV. REFERENCE: 18) Project/Agency Name: Consolidated Space Operations Center Cultural Resource Survey for the Consolidated Space Operations Center 19) Report Title: Project Near Colorado Springs, El Paso County, Colorado 20) State/Fed. Permit No. State - 82-5 21) Photo Nos.RI-13-20; RII 1-17 22) Photos on File at: Department of Anthropology, University of Denver 23) Recorder Guthrie/Ford 24) Phone No.
IV. REFERENCE: 18) Project/Agency Name: Consolidated Space Operations Center 19) Report Title: Droject Near Colorado Springs, El Paso County, Colorado 20) State/Fed. Permit No. State - 82-5 21) Photo Nos.RI-13-20; RII 1-17 22) Photos on File at: Department of Anthropology, University of Denver 23) Recorder Guthrie/Ford 24) Phone No. 753-2406 25) Recorder Affiliation ARI, Dept. of Anthro., University of Denver26) Date 2/19/82
IV. REFERENCE: 18) Project/Agency Name: Consolidated Space Operations Center 19) Report Title: Description Colorado Springe, El Paso County, Colorado 20) State/Fed. Permit No. State - 82-5 21) Photo Nos.RI-13-20; RII 1-17 22) Photos on File at: Department of Anthropology, University of Denver 23) Recorder Guthrie/Ford 24) Phone No. 25) Recorder Affiliation ARI, Dept. of Anthro., University of Denver26) Date 2/19/82

Actives, permanent modern features, and vegetation zones (if applicable). Give appristances and directional data.	<pre>reactures, permanent modern features, and vegetation zones (if applicable). Give appr isstances and directional data.</pre>	V. SKETCH	MAP:	Indi	cate e	xtent	: and	natu	re of	f the	reso	urce	area	and	all n	ajor	topo	graț
cale:	scale: scy: scy:	distances	and d	nent i irect:	ional	i ieat data.	ures	, and	vege	etatio	m 20	nes	(if a	pplic	able)	. G	ive a	ppro
cale:	scale: scy:			<u>т</u>	-					r			r					
cale:	scale: scy: scy:											}						
cale:	cey:																	
	<pre>cey: </pre>	scale:		<u> </u>											 			
	<pre>csy: // // // // // // // // // // // // //</pre>														l _			}
	<pre>csy:</pre>																	
	<pre>sey:</pre>			+									┼──	+				┼──
	A Me_ BG- Coation/Access: Take Highway 94 east out of Colorado Springs for approximately miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).	key:											ļ	ļ				
	A Marken Sec. 26) Location/Access: Take Highway 94 east out of Colorado Springs for approximately miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).											}					ł	ł
	A A A A B B C C C C C C C C C C			+									<u> </u>	<u> </u>			+	
	A The			<u> </u>	<u> </u>						<u></u>	 	┣—		<u> </u>			<u> </u>
	A A BS - C5) Location/Access: Take Highway 94 east out of Colorado Springs for approximately miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).				1													
	And the site (.75 miles east of Enoch Street).							-	1				<u> </u>	1	1	1		
xe	And the site (.75 miles east of Enoch Street).			+						<u> </u>			+	┼──-		<u> </u>	+	
	A he				<u> </u>													
	And the site (.75 miles east of Enoch Street).																	
	And the site (.75 miles east of Enoch Street).	•		+	+				-	<u> </u>			+	+		┼	+	
ye	25) Location/Access: Take Highway 94 east out of Colorado Springs for approximately miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).	▲	<u> </u>		 								<u> </u>		ļ	ļ	<u> </u>	ļ
xe	<pre></pre>	·																
i i	<pre>miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).</pre>				1							<u> </u>	<u> </u>	+	+	<u>†</u>		
xe b·	Ag	I.	┝		ļ	ļ				ļ		ļ	<u> </u>				<u> </u>	_
^{5.}	25) Location/Access: Take Highway 94 east out of Colorado Springs for approximately miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).	.ue																
	25) Location/Access: Take Highway 94 east out of Colorado Springs for approximately miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).	ıg		1												1		
	25) Location/Access: Take Highway 94 east out of Colorado Springs for approximately miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).		<u> </u>										1	<u> </u>	1	<u> </u>	1	<u> </u>
	which is the site (.75 miles east of Enoch Street).	mile	s (to	Enoch	Stre	et).	Go S	South	on E	Inoch	Stre	et 2	.2 mi	les.	Looi	k Eas	t to	Wir
miles (to Enoch Street). Go South on Enoch Street 2.2 miles Look Feet to With	which is the site (./) miles east of Enoch Street).	esh d -	h da -		+	75	1					m			400			****
miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win		WILC	11 18 C	ne 91	LE (.	/J m1	168 G	ast (DI EN	ioen S	cree	τ).						
miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).		(7) Bounda	ry Des	cript	ion:	(Do n	ot co	mplet	e if	you i	SVE	show	n bou	ndari	ies de		to sc	ale
 miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street). <u>Boundary Description</u>: (Do not complete if you have shown boundaries drawn to scale of a skatch man of have indicated lot and block maker). 	7) Boundary Description: (Do not complete if you have shown boundaries drawn to scale			mark (Luque			0100)					
 miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street). ') Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) 	7) <u>Boundary Description</u> : (Do not complete if you have shown boundaries <u>drawn to scale</u> on a sketch map of have indicated lot and block number.)				SE	E SKR	тсн м	[AP										
<pre>miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street). ') Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a skatch map of have indicated lot and block number.) SEE SKETCH MAP</pre>	(7) Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) SEE SKETCH MAP	-					&											
<pre>miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street). ') Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a skatch map of have indicated lot and block number.) SEE SKETCH MAP</pre>	7) Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) SEE SKETCH MAP	8) Bounda	ry Jus	tific	ation	: (Ca	mplet	e for	all	reso	Irces	whi	ch ar		e th	n an	acre	.)
<pre>miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street). ') Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) SEE SKETCH MAP) Boundary Justification: (Complete for all resources which are more than an acre.)</pre>	 Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) SEE SKETCH MAP Boundary Justification: (Complete for all resources which are more than an acre.) 	D	1			77 ·		. .				_						
<pre>miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street). /) Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) SEE SKETCH MAP /) Boundary Justification: (Complete for all resources which are more than an acre.) Based on Structures. However, it is and in the street in</pre>	 Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a skatch map of have indicated lot and block number.) SEE SKETCH MAP Boundary Justification: (Complete for all resources which are more than an acre.) 	Dase	u on S	LTUCE	ures.	now	ever,	17 1	ls no	c kno	wn ti	he er	tent	of 1	and u	sed	for g	raz
<pre>miles (to Enoch Street). Go South on Enoch Street 2.2 miles. Look East to Win which is the site (.75 miles east of Enoch Street).</pre> /) Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) SEE SKETCH MAP /) Boundary Justification: (Complete for all resources which are more than an acre.) Based on Structures. However, it is not known the extent of land used for graz	 Boundary Description: (Do not complete if you have shown boundaries drawn to scale on a sketch map of have indicated lot and block number.) SEE SKETCH MAP Boundary Justification: (Complete for all resources which are more than an acre.) Based on Structures. However, it is not known the extent of land used for graz 										_							

1

, i

ļ

A state of the same strend

I

I

Ŧ

1.

۰.

Ī

I

ł

ARCHITECTURAL/HISTORICAL COMPONENT FORM IMPORTANT: USE IN CONJUNCTION WITH THE GREEN INVENTORY RECORD FORM FOR FOR RECORDING HISTORIC <u>STRUCTURES</u> AND <u>DISTRICTS</u> . USE SEPARATELY FOR RECORDING STRUCTURES LOCATED WITHIN DISTRICT BOUNDARIES. 1) Resource No. <u>SEP226</u> 2) Temp No. <u>CS-Site 1</u> 3) Name 4) Address <u>El Paso Ctv.East of Colorado Sprgs</u> 5) District Name <u>1. INTEGRITT</u> : 6) Condition: Good <u>Fair X</u> Deteriorated 7) Original Use <u>Ranching/Cattle H_oing</u> 8) Present Use <u>Same</u> 9) Original Site <u>X</u> Moved <u>Date(s) of Move</u> :	
IMPORTANT: USE IN CONJUNCTION WITH THE GREEN INVENTORY RECORD FORM FOR FOR RECORDING HISTORIC STRUCTURES AND DISTRICTS. USE SEPARATELY FOR RECORDING STRUCTURES LOCATED WITHIN DISTRICT BOUNDARIES. 1) Resource No. 5EP226 2) Temp No. CS-Site_13) Name	
RECORDING STRUCTURES LOCATED WITHIN DISTRICT BOUNDARIES. 1) Resource No. <u>5EP226</u> 2) Temp No. <u>CS-Site 1</u> 3) Name 4) Address El Paso Cty.East of Colorado Sprgs 5) District Name 1. INTEGRITT: 6) Condition: Good Fair X_ Deteriorated 7) Original Use Ranching/Cattle H oing 8] Present Use Same 9) Original Site X Moved Date(s) of Move:	
4) Address El Paso Cty.East of Colorado Sprgs 5) District Name	·
I. INTEGRITY: 6) Condition: Good Fair X Deteriorated 7) Original Use <u>Ranching/Cattle Hoing</u> 8) Present Use <u>Same</u> 9) Original Site X Moved Date(s) of Move:	·
7) Original Use <u>Ranching/Cattle Hoing</u> 8) Present Use <u>Same</u> 9) Original Site X Moved Date(s) of Move:	
9) Original Site X Moved Date(s) of Move:	
0) Unaltered Altered Explain: Took out well at Windmill.	
II. DESCRIPTION; 11) Building Materials See Attached Sheets	
2) Construction Date 1930's 13] Architect/Builder Typical Plains Windmi	
4) Architectural Style(a) Tunical Plains Wedetil According of t	
5) Special restures/Surroundings: Pull rods for well which indicate early construction	
16) Archaeological Potential: Yes No Unknown Explain:	
II. CULTURAL ACTIVITIES: Key the resource type (ie: house, barn, shed, school, churc	.h. era
to the cultural activity theme and sub-theme category assoc with it,	:iated
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching	iated
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering	
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering 19) TYPES Well and Windmill	
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering 19) TYPES Well and Windmill	
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering 19) TYPES Well and Windmill	
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering 19) TYPES Well and Windmill	
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering 19) TYPES Well and Windmill	
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering 19) TYPES Well and Windmill	
to the cultural activity theme and sub-theme category assoc with it. 17) THEME Ranching 18) SUB-THEME Livestock Grazing and Watering 19) TYPES Well and Windmill Form No. 618	
to the cultural activity theme and sub-theme category assoc with it. (7) THEME Ranching (8) SUB-THEME Livestock Grazing and Watering (9) TYPES Well and Windmill Form No. 618	

RESOURCE NO. 5EP226

(Attach Photographs)

See Attached Sheets

Frame Number Roll Number Facade Orientation

IV. SIGNIFICANCE: Assess whether or not the resource has any historical or architectural merit by checking appropriate categories and <u>justifying below</u>. Include any relevant historical data.

20) Architectural Significance:

- ___ Represents work of a master
- Possesses high artistic values
- Represents a type, period, or
- method of construction

- 21) Historical Significance:
- Associated with significant persons
- Associated with significant events or patterns
- Contributes to the significance of an historic district

RECORDER	Guthrie/Ford	DATE	2/19/82	
		6		
		· · · · · · · · · · · · · · · · · · ·		



Site 5EP226

The site, an historic windmill and stock watering area, is located at the bottom of a gentle south facing slope in the northeast part of the survey area. The elevation is 6246 feet. The site is located approximately 50 meters northeast of an unnamed intermittent drainage.

The site consists of a livestock water and grazing area. Its dimensions are 120 meters north-south by 130 meters east-west. However, this boundary is based on the extent of the structures and features, and does not include the total grazing area used or the associated ranch. These dimensions are unknown. The site has either features (See Site Map).

Feature 1 - Feature one is the windmill. It is 2 x 2 meters at the base and is approximately 10.6 meters high. Construction material consists of oak wood boards, galvanized steel, galvanized and lead pipe, bolts and nuts, angle iron, and twisted wire for the stabilizer. Associated with this feature is well rods made of oak circular wood with split steel and galvanized connecting hoods. The steel blade at the top of the windmill has the factory name "Airmotor" written on the blade. The windmill was once utilized to pump water from the old well for the livestock. It is no longer in use. The condition of the windmill is in moderate phase of deterioration.

Feature 2 - Feature two consists of a large holding tank. It is 7 meters in length by 2 meters in width. The tank is 3.2 meters in diameter. Approximately one-half of the tank is buried in the ground. Construction consists of $\frac{1}{2}$ " steel riveted panels with silver metal paint over it. Some spot welding occurs on the corner plates. The west end of the tank has recent plastic pipe with screw clamps. This is enclosed in a wood frame. The construction and the appearance indicates a more recent structure than the windmill. This may have been used to hold water after the well and windmill were no longer in use.

Feature 3 - Feature three is a general scatter of pipe and angle iron. This is also the location of the oak circular wood well rods with split steel and galvanized connecting hoods.

Feature 4 - Feature four is the pump house. It is 1 by 1 meter and about 60 cm high. The base is made of cement with a wood top. The condition of this structure is very good and it also appears to be more recent

than the windmill. The pump house may still be used to pump water from the large holding tank (Feature 2) to the stock tanks (Features 5 and 7).

Feature 5 - Feature five is the smaller stock tank located near the pump house (Feature 4). The tank is circular with a 3.85 meter diameter. The rim of the tank is approximately 60 cm above the base of the tank. The rim is made of galvanized steel and the base is made of concrete. The rim is held together with large nuts and bolts. There is a similar shape depression nearby which indicates another tank may have been used there at one time.

Feature 6 - Feature six consists of a livestock scratching post. It is an H-frame made of wood with the actual scratching board missing. It is about 2.1 meters high and 2 meters in length. Round nails are used in the construction.

Feature 7 - Feature seven is the larger of the two stock tanks and is located a considerable distance away from the rest of the features. It also is made of a concrete base with a galvanized steel rim held together by nuts and bolts. It is 6 meters in diameter and the rim extends 90 cm above the base of the tank. Both stock tanks (Features 5 and 7) are in good condition.

Feature 8 - Feature eight consists of man-made terraces. These were probably bulldozed to prevent erosion and soil blowing. The terraces vary, but are approximately 2 meters high and 5 meters in width.

Also associated with the site is a jeep trail that leads to the windmill from the north. An old large milk can was also observed in the bottom of an unnamed intermittent drainage located at south part of the site. Overall disturbance of the site is minimal and most of it appears to be kept up and may still be in use. The windmill, however, has not been in use for some time. Its condition and construction appear to be older than the rest of the structures.

A literature search at the Division of State Archives and Public Records showed that the land was unleased in the 1920's but was used by stockmen. The land was leased by Henry Bledsoe in 1938. There was probably an earlier lease on the land but there is a gap in the records earlier than 1938. The documents show that a windmill was on the land by 1953 and there is mention



and the second

of water drilling prior to 1948.

A letter found in the files (See letter) from the State Board of Land Commissioners to Honorable Ed C. Johnson, Governor, dated January 27th, 1956, gives the most valuable information regarding the date of the site. With this letter and the other records, the area was used for grazing in the 1920's and 1930's. There is a gap in the records, and in 1938, Mr. Bledsoe leased the land and improvements were made prior to 1948.

Thus, the site may have been utilized sometime in the 1920's and/or 1930's. However, the windmill which appears to be the earliest structure on the site, was probably constructed by Bledsoe sometime after 1938. The remaining structures at the site appear to still be in use.

The milk can and a piece of well rod were collected to see if a date could be determined on these artifacts. However, the literature documentation gives a more accurate date of use and construction for the site. The milk can and well rod appear to date to the 1930's.



Sent Sent



Overview of Survey Area. Notice drainage and ranch house in center distance. Photo taken looking south southeast.



Overview of Site 5EP226 showing windmill (Feature 1), holding tank (Feature 2), pump house (Feature 4), and a stock tank (Feature 5). Photo taken looking north northwest.

-52-



The second second

Closeup of Feature 1 - Windmill, Site 5EP226 Notice wire and the state of deterioration.



Closeup of Feature 1 - Windmill, Site 5EP226. Notice "Airmotor Chicago" written on blade.

12



Site 5EP226. Photo taken from Windmill (Feature 1) looking south southwest. Notice terrace in center and large stock tank (Feature 7) in left distance.



Ţ

Site 5EP226. Photo taken from Windmill (Feature 1) looking south southeast. Notice pump house (Feature 4), small stock tank (Feature 5), and scratching post (Feature 6) in center.

-54-13 💁 -



Site 5EP226. Closeup of Feature 2 - large holding tank. Photo taken looking west.



Site 5EP226. Closeup of oak circular wood well rod with split steel and galvanized connecting hoods. This is found in Feature 3.

-55-14





Site 5EP226. Closeup of pump house (Feature 4). Photo taken looking south southeast.

de de

1



Site 5EP226. Closeup of Feature 5 (Smalle. stock tank). Photo taken looking east.

-56- 15



Simil

1.45

Site 5EP226. Closeup of inside stock tank (Feature). Notice scratching post (Feature 6) in distance. Photo taken looking south southeast.



Site 5EP226. Closeup of large holding tank (Feature 7). Notice the remainder of the site in the background. Photo taken looking north northeast.

16

-57-



Site 5EP226. Closeup of milk can. Notice windmill (Feature 1) and holding tank (Feature 2) in distance. Photo taken looking north.





1300 Breadway (303) 839-3391 INCLETED FIND RECORD 1)0SAC Site No.: SEP227 (2) Temp, No.: (S-IF-1) 1.IOCATION Allegal Location: NN k, NE k, SE k, NE k, Sec. 26 T 14 ² R 64 ³ FM 6 ^{ch} 9/Legal Location: NN k, NE k, SE k, NE k, Sec. 26 T 14 ² R 64 ³ FM 6 ^{ch} 5)USSS Quad: Name Cortal Bhiffs, Colorado Size 7.5 ³ Data 1961-F 6)UTM:Zone 13, 5 4 1 9 4 0 mE, 4 2 9 5 1 3 0 gmN.Attach copy of portion of USS H. ARCHARCHORICAL DWA: 7)Artifacts: /Petrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake 9)Cultural Affiliation ? 11)Diff Dimensions 3 cm long X 3 cm vide 111)Diff V. 6455 ff: 1903.4 fn. 12)Soil Ascalon Sandy loam 13)Topography slope of small hnoll/Rolling hills 14)Slope: site 4' surrounding sur 15)Nearest water mans/nature Unnamed Enternitten drainage alev. 6235 dist. 100m direction Nearest personent water: Unnamed Reservoir elsv. 6330 dist 2.1 km direction 10)TGNAL INFORMATION: (Narrative, drawings, sketch map) Same V.REFERENCE DATA: 20)Isndowner state 13)Collection:yss_ ro X describe 20)Isndowner state 2)Neport ticlsOut: Res. Survey for the Cone. Space 22)Recorder Guthrie/Ford 15 / Yorm No. V.REFERENCE DATA: 20)Isndowne	OLORADO PRESERVATION OF	FICE						N,
CENTERI TISOLATED FIND RECORD ISOLATED FIND RECORD D)OSAC Site No.: SEP227 (2)Temp. No.: (S-IF-1 3)County El Paso I.LOCATION 4)Legal Location: NM &, NE &, SE &, NE &, Sec. 26 T 14° R 64″ PM 6 th S)USS Quad: Name Cortal Bluffs, Colorado Size 7.3' Dete 1961-F 6)UN:Zone 13,5 4 1 9 4 0 0E, 4 2 9 5 1 3 0 rN.Attach copy of portion of USS ILARCHARDIOGICAL DATA: 7)Artifacts: //Petrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake Secondary lithic reduction 9)Oultural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm vide 11) ENVIRONMENTAL DATA: 11) ENVIRONMENTAL DATA: 11) Elev. 6245 ft. 1903.4Th. 12)Soil Ascelon Sandy Loam 13) Theore of small knoll/kolling hills 14)Slope: site 4' surrounding as 13) Magrest water insme/nature Unnamed Intermitten frainage elev. 6335 dist. 100m direction Nearest period stree Unnamed Reservoir elev. 6335 dist. 2.1ke direction 15)Weg. on site blue grams, needle and thread 17)Surrounding veg. same Additional Commities grams, seadle drog describe 19)ADDITIONAL INFORMATION: (Nerrative, drawings, sketch map) V.ADDITIONAL Restore of An	L300 Broadway							c Â
ISOTATED FIND RECORD Secondary Fish OPEC 1961-FI INT ENVIRONMENTAL DUCA:	(303) 839-3391	CSIF_#1		•		1		
<pre>1) OSAC Site No.: SEP227 (2) Temp, No.: CS-IF-1 3) County El Fasc 1. LOCATICM 4) Legal Location: NM 4, NE 4, SE 4, NE 4, Sec. 26 T 14⁵ R 64⁴ PM 6th 5) USS Quad: Name Cortal TBliffs, Colorado Size 7.5' Date 1961-PI 6) UDN:Zone 13, 5 4 1 9 4 0 mE, 4 2 9 5 1 3 0 mN. Attach copy of portion of USC II. ARCHADUCOTCAL DATA: 7) Artifacts: //Perrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake betrified wood. 8) Inferred function/description: secondary lithic reduction 9) Oultural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm wide III. ENVIRON@ENTAL DATA: 11) ENVIRON@ENTAL DATA: 11) ENVIRON@ENTAL DATA: 11) Store of small knoll/Rolling hills 14)Slope: site 4' surrounding su 15) Nearest water: name/nature Unnamed Reservoir elsw. 6350 dist.2.1km direction Nearest permanent water Unnamed Reservoir elsw. 6350 dist.2.1km direction 16) Veg. on site blue grama, medle and thread 17) Surrounding veg. same Additional Committies grama, sand dropseed, and bucksheat. TV. ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V. REFERENCE DATA: 16) Objection: yes _ no X describe 20) Landowner state 21) Report ticleCult. Res. Survey for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 23) Affiliation Very for the Cons. Space 22) Recorder Guthris/Ford 24) Data Z / 15 / Form No. 24) Data Z / 15 / Form</pre>		ISOLATED FIN	ND RECORD					
I. LOCATION 4) Legal Location: NV k, NE k, SE k, NE k, Sec. 26 T 14° R 64° PM 6 th 5) USOS Quad: Name Cortal TBIUFES, Colorado Size 7.3' Data 1961-P 6) UDN: Zone 13, 5 4 1 9 4 0 mE, 4 2 9 5 1 3 0 mN. Attach copy of portion of USOS II. ARCHADUCOTCAL DATA: 7) Artifacts: //Petrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake Detrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake Detrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake Detrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake Detrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake Detrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake Difference Interview Contact Secondary 11thic reduction 9) Oultural Affiliation ? Time Period ? 10) FD Dimensions 3 cm long X 3 cm wide 111. ENVIRON@ENTAL DATA: 113) Topography slope of small knoll/Rolling hills 14) Slope: site 4' surrounding au 13) Topography slope of small knoll/Rolling hills 140 Slope: site 4' surrounding au 15) Nearrest water mame/nature Unnamed Intermitten drainage elev. 6235 dist. 100m direction Nearest permanent water Unnamed Intermitten drainage. elev. 6235 dist. 100m direction 15) Topography slope of small knoll/Rolling hills 140 Slope: site 4' surrounding au Additional Commita: TV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: 19) Report ticleCult: Res. Survey for the Cons. Space 20) Recorder Guthris/Ford 23) Affiliation Dept. of Anthro. D.U. 20) Landowner scate 23) Affiliation Dept. of Anthro. D.U. 20) Landowner scate 23) Affiliation Dept. Of Anthro. D.U. 24) Date 2 / 15 / Form No. 24) Date 2 / 15 / Form No. 24) Date 2 / 15 / 24) Date 2 / 15 /	1)OSAC Site No.: 5EP227	(2) Temp,	No.: CS-IF-1	3)	County	El Paso	0	
A)Legal Location: NN & NE & SE & NE & Sec. 26 T 14° R 64" PM 6 th DISS Quad: Name Corral Builfs, Colorado Size 7.5' Data 1961-P DISS Quad: Name Corral Builfs, Colorado Size 7.5' Data 1961-P DIDM:Zone 13,5 4 1 9 4 0 rE, 4 2 9 5 1 3 0 rN.Attach copy of portion of USS II.ARCHADIOCICAL DADA: D/Artifacts: //ertified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake 'Detrified wood. B) Inferred function/description: secondary lithic reduction P) Oultural Affiliation ? Time Period ? D) IF Dimensions 3 cm long X 3 cm wide III.ENVIRONMENTAL DATA: D) FD Dimensions 3 cm long X 3 cm wide III.ENVIRONMENTAL DATA: D) FD Dimensions 3 cm long X 3 cm wide III.ENVIRONMENTAL DATA: D) FD Dimensions 3 cm long X 3 cm wide III.ENVIRONMENTAL DATA: D) FD dimensions 3 cm long X 3 cm wide III.ENVIRONMENTAL DATA: D) FORGET State Unamed Intermittem drainage elev. 6325 dist. 100m direction Nearest permanent water Unamed Reservoir elev. 6335 dist. 100m direction Secondary Side-oats grama, needle and thread 17) Surrounding veg. same Additional Commities: TV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: D) Repository: port of Anthro, D.U. 20) Lendowner state D) Repository: Dort. of Anthro, B.U. 24) Data 2 / 15 / Form No. Dec 18 Content S. 2001 State 2 / 15 / Form No.	I.LOCATION							-
SUSS Quad: Name Corral Bluffs, Colorado Size 7.5' pate 1961-F SUMA TARGE Corral Bluffs, Colorado Size 7.5' pate 1961-F SUMA TARGE Corral Bluffs, Colorado Size 7.5' pate 1961-F SUMA TARGE Corral Bluffs, Colorado Size 7.5' pate 1961-F Suma Corral Bluffs, Colorado Size 7.5' pate 1961-F Secondary Flake Secondary Flake Secondary Flake Secondary Flake Socondary Flake Secondary Flake Socon site blue grama, needle and thread 17)Surrounding veg. Same Additional Committee Ford Stame, sand dropseed, and buckwheat. Same Socolfaction: yes_ ro x describe	4)Legal Location: NW 2. N	IE t. SE t. NE	k. Sec. 26	T 14 ^S	R 64 ^W	PM	6 th	
6)UDM:Zora_13,5 4 1 9 4 0 mE, 4 2 9 5 1 3 0 pN.Attach copy of portion of USS II. ARCHAPOLOTICAL DATA: //artifacts: //etrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake //etrified wood. 8) Inferred function/description: secondary lithic reduction 9) Oultural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm wide III. ENVIRONMENTAL DATA: 11) Elev. 6245 ft. 1903.41n. 12) Soil Ascalon Sandy loam 13) Topography slope of small knoll/kolling hills 14) Slope: site 4' surrounding surrounding surrounding surrounding veg. same Additional Committee Unnamed Intermitten drainage elev. 6235 dist. 100m direction Nearest water: name/nature_Unnamed Intermitten drainage elev. 6350 dist. 2.1km direction Nearest permanent water	5)USCS Quad: Name Cortal B	tuffs. Colorado		Size	7.5'	Date	1961-P	99
V.REFERENCE DATA: 17.ACCHARDINGTONIC DATA: 7)Artifacts: //Petrified Wood Brown/Gold (body) tan/light brown cortex appears to Secondary Flake 'petrified wood. 8) Inferred function/description: secondary light brown cortex appears to 9) Olltural Affiliation ? Time Period ? 9) Olltural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm wide 111 ENVIRONMENTAL DATA: 11) Elsv. 6245 ft. 1903.4 Jm. 12) Soil Ascalon Sandy loam 13) Topography slope of small knoll/Rolling hills 14) Slope: site 4' surrounding surest vater: name/nature Unnamed Intermitted drainage elsv. 6235 dist. 100m direction Nearest permanent water Unnamed Reservoir elsv. 6350 dist.2.1km direction Nearest permanent water Unnamed Reservoir elsv. 6350 dist.2.1km direction Nearest permanent water Unnamed Reservoir elsv. 6350 dist.2.1km direction Nearest permanent water Unnamed Reservoir elsv. 6350 dist.2.1km direction Nearest permanent water Unnamed Reservoir elsv. 6350 dist.2.1km direction Nearest permanent water Unnamed Reservoir elsv. 6350 dist.2.1km direction NADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: 18) Collection: yes _ro X describe 19) Repository: Dept. of Anthro. D.U. 20) Landowner state 21) Report ticle Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 22) AffiliationDept. of Anthr. Brut. Aff O	6)ITM-7000 13 5 4 1 9	4 0 m 4 2 9 5	1 3 0 mN	Attach co	ny of p		of ISC	5 (
V.REFERENCE DATA: V.REFERENCE DATA: U.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: U.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: U.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: U.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA:		- <u></u>			P) P			
V.REFERENTE DATA: 19) V.REFERENTE DATA: 10) V.REFERENTE DATA: 10) V.REFERENTE DATA: 11) Solution: 12) V.REFERENTE DATA: 16) V.REFERENTE DATA: 17) I.B. V.ROWENTAL, DATA: 13) Topography slope of small knoll/Rolling hills 14) Silver estate: name/nature_Unnamed Intermitten drainage elev. 6235 dist. 100m direction Nearest permanent water: 15) Nearest water: name/nature_Unnamed Reservoir 16) Yeg. on site blue grama, needle and thread 17) Surrounding veg	7) Artifactor /Petrifi	ed Wood Brown/Gold	(body) tan/	/light bro	wn corte	ex ann	ears to	
8) Inferred function/description: secondary lithic reduction 9) Oultural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm wide III.ENVIRONMENTAL DATA: 11) Elev. 6245 ft. 1903.42. 12) Soil Ascalon Sandy loam 13) Topography slope of small knoll/Rolling hills 14) Slope: site 4' surrounding se 15) Nearest water:name/nature_Unnamed Intermitten drainage elev. 6235 dist. 100m direction 16) Veg. on site blue grama, needle and thread 17) Surrounding veg. same Additional Comments Status grama, sand dropseed, and buckwheat. TV.ADDITIONAL INFORMATION: (Nerrative, drawings, sketch map) V.REFERENCE DATA: 19) Report to X describe 19) Report to X describe 19) Report to X describe 21) Report to X describe 21) Report to X describe 21) Report to X describe 22) Affiliation Dept. of Anthre, D.U. 20) Landowser_ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 24) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 23) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 24) Affiliation Dept. of Anthre, D.U. 20) Landowser _ state 24) Landowser _ state 25) Affiliation Dept. State Dept. State Dept. State Dept. State	Secondary Flake	ed wood brown/sord	'Det:	rified woo	wh core.	ch app	curo co	
<pre>8) Inferred function/description: secondary lithic reduction 9) Cultural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm wide 111 ENVIRONMENTAL DATA: 11) Elev. 6245 ft. 1903.4 ft. 12) Soil_Ascalon Sandy loam 13) Topography_slope of small knoll/Rolling hills 14) Slope: site 4 surrounding si 15) Nearest water:name/nature_Unnamed Intermitten drainage elev. 6235 dist, 100m direction Nearest permanent waterUnnamed Intermitten drainage elev. 6335 dist, 100m direction Nearest permanent waterUnnamed Reservoirelev. 6350 dist2.1 km direction 16) Veg. on site blue grama, needle and thread 17) Surrounding vegsame Additional Comments: same dropseed, and buckwheat. TV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: 19) Repository:Dept. of Anthro. D.U20) Landownerstate 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 22) AffiliationDEpt. of Anthro. D.U20) Landowner state 23) AffiliationDEpt. of Anthro. D.U20) Landowner state 23) Affiliation21 = 15 /</pre>								
9)Oultural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm wide ITI ENVERNMENTAL DATA: 11)Elev. 6245 ft. 1903.42m 12)Soil_Ascalon Sandy loam 13) Topography_slope of small knoll/Rolling hills 14)Slope: site 4 surrounding set 13) Topography_slope of small knoll/Rolling hills 14)Slope: site 4 surrounding set 13) Topography_slope of small knoll/Rolling hills 14)Slope: site 4 surrounding set 13) Topography_slope of small knoll/Rolling hills 14)Slope: site 4 surrounding set 13) Topography_slope of small knoll/Rolling hills 14)Slope: site 4 surrounding set 14) Topography_slope of small knoll/Rolling hills 14)Slope: site 4 surrounding veg. same State of state of the set of the s	8) Inferred function/descrip	tion: sec	ondary lithi	c reductio	n			
9)Gultural Affiliation ? <u>Time Period</u> ? 10) IF Dimensions <u>3 cm long X 3 cm wide</u> III. ENVIRONMENTAL DATA: 11) Elsev. <u>6245</u> ft. <u>1903.67h</u> . 12)Soil_ <u>Ascalon Sandy loam</u> 13) Topography <u>slope of small knoll/Rolling hills</u> <u>14)Slope: sits 4</u> <u>surrounding set</u> 15) Nearest water: <u>nome/nature_Unnamed Intermitten drainage</u> elsev. <u>6235</u> dist. 100m direction 16) Veg. on sits blue grama, needle and thread <u>17)Surrounding veg</u> <u>same</u> Additional Comments: IV.ADDITIONAL INFORMATION: (Nerrative, drawings, sketch map) V.REFERENCE DATA: 19) Repository: <u>Dept. of Anthro. D.U.</u> <u>20) Landowner state</u> 20) Affiliation <u>Dept. of Anthro. D.U.</u> <u>20) Landowner state</u> 23) Affiliation <u>Dept. of Anthro. D.U.</u> <u>20) Landowner</u> <u>State</u> 24) Additional <u>Commerce</u> <u>2</u> <u>15</u> <u>form No.</u>					•••			
9)Oultural Affiliation ? Time Period ? 10) IF Dimensions 3 cm long X 3 cm wide III ENVIRONMENTAL DATA: 11)Elev. 6245 ft. 1903.4 m. 12)Soil Ascalon Sandy loam 13)Topography_slope of small knoll/Rolling hills 14)Slope: site 4' surrounding s: 15)Nearest water:name/nature_Unnamed Intermitten drainage elev. 6235 dist, 100m direction Nearest permanent water Unnamed Intermitten drainage elev. 6235 dist, 100m direction Nearest permanent water Unnamed Reservoir elev. 6305 dist2.1km direction 16)Veg. on site blue grams, needle and thread 17)Surrounding veg. same Additional Comments: IV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: 18)Collection:yes_no_X describe 19)Repository: Dept. of Anthro. D.U. 20)Landowner_state 21)Report title ^{Cult.} Res. Survey for the Cons. Space 22)Recorder Cuthrie/Ford 23)Affiliation Dept. of Anthro. D.U. 24)Date 2 / 15 / Form No.								
10) IF Dimensions 3 cm long X 3 cm wide 111. ENVIRONMENTAL DATA: 113) Topography slope of small knoll/Rolling hills 14) Slope: site 4' surrounding surrounding surrounding surrounding surrounding surrounding surrounding surrounding veg. ft. 100m direction Nearest water::name/nature_Unnamed Intermitten drainage elev. 6235 dist. 100m direction Nearest permanent water_Unnamed Reservoir elsv. 6350 dist.2.1km direction 16) Veg. on site blue grama, needle and thread 17) Surrounding veg. same side-oats grama, sand dropseed, and buckwheat. IV. ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V. REFERENCE DATA: 18) Collection: yes_rox_describe 19) Repository: Dept. of Anthro. D.U. 20) Landowner_state 21) Report titls Cult. Res. Survey for the Cons. Space 22) Recorder Gutrie/Ford 23) Affiliation_Dept. of Anthro. D.U. 24) Data 2 / 15 / Form No.	0) Outomal Affilianta	2		Time Daw	fort	2		
NO. PERFERENCE DATA: III. ENVIRONMENTAL DATA: ISJNearest water::same/nature_Unnamed Intermitten drainage elev. 6235 dist. 100m direction Nearest permanent water_Unnamed Intermitten drainage elev. 6350 dist.2.1km direction 16)Veg. on sits blue grama, needle and thread I7)Surrounding veg. same Additional Connemits: IV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: ISJOcoliection:yes_ no x describe ISJOcoliection:yes_ no x describe ISJOcoliection:yes_ no x describe ISJRepository: Dept. of Anthro. D.U. 20)Landowner_ state 21)Report titleCult. Res. Survey for the Cons. Space 22)Recorder Guthrie/Ford 23)Affiliation_Dept. of Anthr. D.U., ART 24)Date 2 20 15	10) TE Dimensione	· · · · · · · · · · · · · · · · · · ·				·		
III.ENVIRUATENTAL DELA: II)Elev. 6245 ft. 1903.4 m. 12)Soil Ascalon Sandy loam I3)Topography slope of small knoll/Rolling hills [14)Slope: site 4' surrounding sub- IS)Nearest water:name/nature_Unnamed Intermitten drainage elev. 6235 dist. 100m direction Nearest permanent water_Unnamed Reservoir elev. 6350 dist2.1km direction 16)Veg. on site blue grama, needle and thread 17)Surrounding veg. same Side-oats grama, sand dropseed, and buckwheat. IV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: IS)Collection:yes_no x describe 19)Repository: Dept. of Anthro. D.U20)Landowner state 21)Report titleCult. Res. Survey for the Cons. Space 22)Recorder Guthrie/Ford 23)Affiliation Dept. of Anthr., BrU:, Akt 24)Date 2 / 13 / Form No.	TT DEPENDENCE S CE LONG	A 3 Cm Wide						
11.) Elev. <u>6245</u> tt. <u>1903.47</u> h. 12)Soil <u>Ascalon Sandy loam</u> 13) Topography <u>slope of small knoll/Rolling hills</u> <u>14</u>)Slope: site <u>4'</u> <u>surrounding s</u> . 15) Nearest water <u>unname/nature_unnamed Entermitten drainage</u> elev. <u>6235</u> <u>dist. 100m</u> <u>direction</u> Nearest permanent water <u>unnamed Reservoir</u> <u>elev. 6350</u> <u>dist.2.1km</u> <u>direction</u> 16) Veg. on site blue grama, needle and thread <u>17</u>) Surrounding veg. <u>same</u> Additional Commentation 16. V. ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V. REFERENCE DATA: 18) Collection: yes <u>no x describe</u> 19) Repository: <u>Dept. of Anthro. D.U.</u> <u>20) Landowner</u> <u>state</u> 21) Report title Cult. Res. Survey for the Cons. Space <u>22</u>) Recorder <u>Guthrie/Ford</u> 23) Affiliation <u>Dept. of Anthro. p.U.</u> <u>24</u>) Date <u>2</u> / <u>13</u> / Form No.	111.ENVIKUNMENTAL DATA:							
13) Topography slope of small knoll/Rolling hills [4] Slope: site 4' surrounding si 15) Nearest water:name/nature_Unnamed Intermitten drainage_elev. 6235_ddst. 100m direction Nearest permanent water_Unnamed Reservoirelev. 6350_ddst2.1km direction 16) Veg. on site blue grama, needle and threadI) Surrounding vegsameAdditional Comments: 16) Veg. on site blue grama, needle and threadI) Surrounding vegsameAdditional Comments: 17. ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V. REFERENCE DATA: 18) Collection:yes no x describe 19) Repository: Dept. of Anthro. D.U20) Landowner state 21) Report title Cult. Res. Survey for the Cons. Space21 Recorder Guthrie/Ford 23) Affiliation Dept. of Anthro. D.U24 Deta21 Recorder Guthrie/Ford 23) Affiliation Dept. of Anthro. D.U24 Deta21 Recorder Guthrie/Ford 23) Affiliation Dept. of Anthro. D.U24 Deta24 Deta27 No41 No	11)Elev. 6245 ft. 1903.	4m. 12)Soil Ascale	on Sandy loan	n				
15)Nearest water:name/nature_Unnamed_Intermitten_drainage_elev. 6235_dist. 100m_direction Nearest permanent waterUnnamed_Reservoirelev. 6350_dist.2.1km_direction 16)Veg. on site blue grama, needle and thread17)Surrounding vegsameAdditional Comments: if decoats grama, sand dropseed, and buckwheat. IV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: 18)Collection:yesno x_describe 19)Repository: opt_ of Anthro. D.U20)Landowner state 21)Report title_Cuit: Res. Survey for the Cons. Space21)Recorder_Cuthrie/Ford 23)Affiliation	13) Topography slope of smal	1 knoll/Rolling hi	<u>11s14)S</u>	lope: sit	e_ 4′s	SULTOUR	nding s	am
Nearest permanent water Unnamed Reservoir elev. 6350 dist 2.1km direction 16) Veg. on site blue grama, needle and thread 17) Surrounding veg. same 31de-oats grama, sand dropseed, and buckwheat. IV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) V.REFERENCE DATA: 18) Collection: yes _ no x describe 19) Repository: _ Dept. of Anthro. D.U 20) Landowner _ state 21) Report title ^{Cult.} Res. Survey for the Cons. Space _ 22) Recorder Guthrie/Ford 23) Affiliation _ Dept. of Anthro. B.U.; AAT _ 24) Dats _ 2 / 15 / Form No.								
V.REFERENTE DATA: 18) Collection: yes_no x describe 19) Repository: Dept. of Anthro. D.U. 20) Lendowner_state 21) Report title Cut. Res. Sprace 22) Affiliation Dept. of Anthro. D.U., ART 23) Affiliation Dept. of Anthro. D.U., ART 24) Dett. 23) Affiliation Dept. of Anthro. D.U., ART 24) Dett. 24) Dett. 24) Dett. 24) Dett. 24) Dett. 24) Dett. 23) Affiliation Dept. 24) Dett. 24) Dett. <t< th=""><th>15)Nearest water:name/natur</th><th>e Unnamed Intermit</th><th>ten drainage.</th><th>elev. 6235</th><th>_dist</th><th><u>100m</u> di</th><th>rection</th><th><u>۱</u></th></t<>	15)Nearest water:name/natur	e Unnamed Intermit	ten drainage.	elev. 6235	_dist	<u>100m</u> di	rection	<u>۱</u>
<pre>15)Veg. on site blue grama, needle and thread</pre>	15)Nearest water:name/natur	e <u>Unnamed Intermit</u>	ten drainage	elev. 6235	_dist	<u>100m</u> dd .1km dd	rection	1 1
Additional Connectify: outs grand, said dropsetd, and buckenteat. IV.ADDITIONAL INFORMATION: (Nerrative, drawings, sketch map) V.REFERENCE DATA: 18)Collection:yes_rox_describe 19)Repository: Dept. of Anthro. D.U 20)Landowner state 21)Report titlsCult. Res. Survey for the Cons. Space 22)Recorder_Guthrie/Ford 23)Affiliation Dept. of Anthro. D.U 24)Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water	e Unnamed Intermit	ten drainage	elev. 6235 elev. 6350	_dist _dist2	<u>100m</u> di . 1km di	rection	י_ י_
IV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) IV.ADDITIONAL INFORMATION: (Narrative, drawings, sketch map) IV.REFERENCE DATA: 10. Kerference DATA: 18) Collection: yes _ no K_describe 19) Repository: _ Dept. of Anthro. D.U 20) Landowner _ state 21) Report title Cult. Res. Survey for the Cons. Space _ 22) Recorder Guthrie/Ford 23) Affiliation _ Dept. of Anthro. D.U ARI _ 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama,	e Unnamed Intermit Innamed Reservoir needle and thread	17)Surrou	elev. 6235 elev. 6350 nding veg	dist 	<u>100m</u> dd .1km dd me	rection	1 1
V.REFERENCE DATA: U.REFERENCE DATA: 19)Repository: Dept. of Anthro. D.U20)Lendownerstate 21)Report titleCult. Res. Survey for the Cons. Space22)Recorder_Guthrie/Ford 23)Affiliation Dept. of Anthro. D.U20)Lendowner 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water <u>1</u> 16)Veg. on site blue grama, Side-oats gr Additional Comments:	e <u>Unnamed Intermit</u> <u>Jnnamed Reservoir</u> <u>needle and thread</u> cama, sand dropseed	17)Surrou , and buckwho	elev. <u>6235</u> elev. <u>6350</u> nding veg	_dist _dist2 	<u>100m</u> dd .1km dd me	rection	۱_ ۱_
V.REFERENCE DATA: 18)Collection:yes_roxdescribe 19)Repository: <u>Dept. of Anthro. D.U.</u> 20)Lendowner <u>state</u> 21)Report titleCult. Res. Survey for the Cons. Space 22)Recorder <u>Guthrie/Ford</u> 23)Affiliation <u>Dept. of Anthr. D.U.</u> 24)Date 2 / 15 / Forma No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Aiditional Comments:	<u>Unnamed Intermit</u> <u>Innamed Reservoir</u> needle and thread rama, sand dropseed	17)Surrou	elev. 6235 elev. 6350 nding veg eat.	dist dist2 sa	<u>100m</u> di .1km di me	rection	1 1
V.REFERENCE DATA: 18)Collection:yes_no_x_describe 19)Repository: Dept. of Anthro. D.U20)Landownerstate 21)Report titleCult. Res. Survey for the Cons. Space22)Recorder_Guthrie/Ford 23)Affiliation Dept. of Anthr., D.U., ARI 24)Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho , sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist2 sa	<u>100m</u> di <u>. 1km</u> di me	irection	1
V.REFERENCE DATA: 18) Collection: yes_rox describe 19) Repository: Dept. of Anthro. D.U 20) Landowner state 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 23) Affiliation Dept. of Anthr., D.U., ARI 24) Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	<u>e Unnamed Intermit</u> <u>Innamed Reservoir</u> <u>needle and thread</u> rama, sand dropseed (Narrative, drawing	17)Surrou 17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	<u>100m</u> dd <u>. 1km</u> dd me	rection	1 1
V.REFERENCE DATA: 18)Collection:yes_no_X_describe 19)Repository: Dept. of Anthro. D.U20)Landownerstate 21)Report titleCult. Res. Survey for the Cons. Space22)Recorder_Guthrie/Ford 23)AffiliationDept. of Anth., D.U24)Date2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	<u>e Unnamed Intermit</u> <u>Innamed Reservoir</u> needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho , sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	<u>100m</u> di <u>. 1km</u> di me	rection	1 1
V.REFERENCE DATA: 18) Collection:yes _ ro x describe 19) Repository: _ Dept. of Anthro. D.U 20) Landowner _ state 21) Report title Cult. Res. Survey for the Cons. Space _ 22) Recorder Guthrie/Ford 23) Affiliation _ Dept. of Anth., D.U., ARI _ 24) Date _ 2 / 15 / Form No. Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	<u>e Unnamed Intermit</u> <u>Innamed Reservoir</u> <u>needle and thread</u> rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2 . sa	<u>100m</u> dd <u>. 1km</u> dd me	rection	1 1
V.REFERENCE DATA: 18) Collection: yesno x_describe 19) Repository:Dept. of Anthro. D.U20) Lendownerstate 21) Report title Cult. Res. Survey for the Cons. Space22) RecorderGuthrie/Ford 23) AffiliationDept. of Anthr., D.U., ARI24) Date2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	<u>Unnamed Intermit</u> <u>Innamed Reservoir</u> <u>needle and thread</u> rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho , sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	<u>100m</u> di <u>. 1km</u> di me	rection	1 L
V.REFERENCE DATA: 18) Collection: yes _ no x describe 19) Repository: Dept. of Anthro. D.U 20) Lendowner state 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 23) Affiliation Dept. of Anth., D.U., ARI 24) Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit <u>Unnamed Reservoir</u> needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2 . sa	<u>100m</u> di <u>. 1km</u> di me	rection	1 L
V.REFERENCE DATA: 18) Collection:yes_no_X_describe 19) Repository: Dept. of Anthro. D.U. 20) Landowner_state 21) Report titleCult. Res. Survey for the Cons. Space 22) Recorder_Guthrie/Ford 23) Affiliation Oper. Center. CO Springs_CO 24) Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION:	<u>e Unnamed Intermit</u> <u>Innamed Reservoir</u> <u>needle and thread</u> rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	<u>100m</u> dd <u>. 1 km</u> dd me		1
V.REFERENCE DATA: 18)Collection:yesno_X_describe 19)Repository: Dept. of Anthro. D.U20)Landownerstate 21)Report titleCult. Res. Survey for the Cons. Space22)Recorder_Guthrie/Ford 23)Affiliation Dept. of Anth., D.U., ARI 24)Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	<u>e Unnamed Intermit</u> <u>Innamed Reservoir</u> <u>needle and thread</u> rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho rs, sketch mar	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	<u>100m</u> di <u>. 1km</u> di me		1
V.REFERENCE DATA: 18) Collection: yes no x describe 19) Repository: Dept. of Anthro. D.U. 20) Landowner state 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 23) Affiliation Dept. of Anth., D.U., Aki 24) Date 2 / 15 / Forme No.	15)Nearest water:name/natur Nearest permanent waterI 16)Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	<u>100m</u> di <u>. 1km</u> di me	rection	1
V.REFERENCE DATA: 18) Collection:yes no x_describe 19) Repository: Dept. of Anthro. D.U. 20) Landowner state 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 23) Affiliation Dept. of Anth., D.U., ARI 24) Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist. sau	<u>100m</u> di <u>.1km</u> di me		
V.REFERENCE DATA: 18) Collection: yes no x describe 19) Repository: Dept. of Anthro. D.U. 20) Landowner state 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder Guthrie/Ford 23) Affiliation Dept. of Anth., D.U., ARI 24) Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho rs, sketch mar	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	<u>100m</u> di <u>.1km</u> di me		1
V.REFERENCE DATA: 18) Collection:yesno_x_describe 19) Repository:Dept. of Anthro. D.U20) Landownerstate 21) Report title Cult. Res. Survey for the Cons. Space22) Recorder_Guthrie/Ford 23) AffiliationDept. of Anth., D.U., ARI24) Date2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist. . sa	<u>100m</u> di <u>. 1km</u> di me		۸ ۲
V.REFERENCE DATA: 18) Collection:yesno_X_describe 19) Repository: Dept. of Anthro. D.U 20) Landownerstate 21) Report title Cult. Res. Survey for the Cons. Space22) Recorder_Guthrie/Ford 22) Recorder_Guthrie/Ford 23) Affiliation Dept. of Anth., D.U., ARI 24) Date 2 / 15 / Forma No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Aiditional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2	100m di . 1km di me		
18) Collection: yes <u>no X describe</u> 19) Repository: <u>Dept. of Anthro. D.U.</u> 20) Landowner <u>state</u> 21) Report title Cult. Res. Survey for the Cons. Space 22) Recorder <u>Guthrie/Ford</u> 0 per. center, CO Springs CO 23) Affiliation <u>Dept. of Anth., D.U., ARI</u> 24) Date 2 / 15 / Form No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Side-oats gr Additional Comments: IV.ADDITIONAL INFORMATION:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho rs, sketch mar	elev. 6235 elev. 6350 nding veg eat. p)	dist dist.2 sa	100m di . 1km di me		۶ ۶
19)Repository: Dept. of Anthro. D.U. 20)Landowner state 21)Report title Cult. Res. Survey for the Cons. Space 22)Recorder Guthrie/Ford 23)Affiliation Oper. Center, CO Springs, CO 24)Date 2 / 15 / Forma No.	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA:	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho s, sketch ma	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist. sau	100m di . 1km di me		
21)Report title ^{Cult.} Res. Survey for the Cons. Space 22)Recorder <u>Guthrie/Ford</u> 23)Affiliation Dept. of Anth., D.U., ARI 24)Date 2 / 15 / Form No.	15) Nearest water:name/natur Nearest permanent water 16) Veg. on site blue grama, Additional Comments: IV. ADDITIONAL INFORMATION: V.REFERENCE DATA: 18) Collection:yesnoX_dea	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing	17)Surrou , and buckwho rs, sketch mar	elev. 6235 elev. 6350 nding veg eat. p)	dist. dist.2 . sa	100m di . 1km di me		
23)Affiliation Dept. of Anth., D.U., ARI 24)Date 2 / 15 / Form No.	15) Nearest water:name/natur Nearest permanent water 16) Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA: 18) Collection:yesnoX_dea 19) Repository: Dept of Am	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing scribe	17) Surrou , and bucksho gs, sketch mar	elev. 6235 elev. 6350 nding veg eat. p) r	dist dist.2 sa	100m di . 1km di me		
Form No.	15) Nearest water:name/natur Nearest permanent water 16) Veg. on site blue grama, Aiditional Comments: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA: 18) Collection:yesnoX_dex 19) Repository:Dept. of An 21) Report title Cult. Res. So	e Unnamed Intermit Innamed Reservoir needle and thread cama, sand dropseed (Narrative, drawing (Narrative, drawing scribe nthro. D.U. urvey for the Cons.	17) Surrou , and buckwho rs, sketch ma 20) Landowner Space 22)	elev. 6235 elev. 6350 nding veg eat. p) rstate	dist. dist. sau	100m di . 1km di me /Ford		
81 ~	15) Nearest water:name/natur Nearest permanent water 16) Veg. on site blue grama, Aiditional Comments: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA: 18) Collection:yesnoX_dex 19) Repository:Dept. of An 21) Report title Cult. Res. So Oper. Center 23) Affiliation	e Unnamed Intermit Innamed Reservoir needle and thread cama, sand dropseed (Narrative, drawing (Narrative, drawing scribe nthro. D.U. urvey for the Cons. CO Springs, CO Att	17)Surrou , and buckwho rs, sketch mar 20)Landowner Space 22) 24)1	elev. 6235 elev. 6350 nding veg eat. p) r	Guthrie/	100m df . 1km df me /Ford		
	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA: 18)Collection:yesnodea 19)Repository:Dept. of An 21)Report titleCult. Res. So Oper. Center 23)AffiliationDept. of An	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing (Narrative, drawing scribe nthro. D.U. urvey for the Cons. th., D.U., ARI	17) Surrou , and buckwho gs, sketch mar 20) Landowner Space 22): 24):	elev. 6235 elev. 6350 nding veg eat. p) r state Recorder Date	Guthrie/	100m df . 1km df me / /Ford / 1 F	rection	
	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Aiditional Comments: IV.ADDITIONAL INFORMATION: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA: 18)Collection:yesnoX_dea 19)Repository:Dept. of An 21)Report title ^{Cult.} Res. So Oper. Center 23)AffiliationDept. of An	e Unnamed Intermit Innamed Reservoir needle and thread cama, sand dropseed (Narrative, drawing (Narrative, drawing scribe nthro. D.U. urvey for the Cons. CO Springs, CO th., D.U., ARI	17) Surrou , and buckwho rs, sketch mar 20) Landowner Space 22): 24):	elev. 6235 elev. 6350 nding veg eat. p) r Recorder Date	dist. dist. sa sa <u>Guthrie</u>	100m di . 1km di me / / Ford / F	rection	
	<pre>15)Nearest water:name/natur Nearest permanent waterI 16)Veg. on site blue grama, Aiditional Comments: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA: 18)Collection:yesro_X_des 19)Repository:Dept. of An 21)Report titleCult. Res. So Oper. Center 23)AffiliationDept. of An</pre>	e Unnamed Intermit Innamed Reservoir needle and thread cama, sand dropseed (Narrative, drawing (Narrative, drawing scribe nthro. D.U. urvey for the Cons. , CO Springs, CO th., D.U., ARI	17)Surrou , and buckwho rs, sketch mar 20)Landowner Space 22) 24)	elev. 6235 elev. 6350 nding veg eat. p) r	dist. 	100m df . 1km df me /Ford / 1 F	rection	
and the second	15)Nearest water:name/natur Nearest permanent water 16)Veg. on site blue grama, Additional Comments: IV.ADDITIONAL INFORMATION: V.REFERENCE DATA: 18)Collection:yes no <u>x</u> dea 19)Repository: Dept. of An 21)Report titleCult. Res. So Oper. Center 23)Affiliation Dept. of An	e Unnamed Intermit Innamed Reservoir needle and thread rama, sand dropseed (Narrative, drawing (Narrative, drawing scribe nthro. D.U. urvey for the Cons. CO Springs, CO th., D.U., ARI	17) Surrou , and buckwho gs, sketch mar 20) Landowner Space 22) 24)	elev. 6235 elev. 6350 mding veg eat. p) r	dist. dist. sau	100m df . 1km df me / Ford / 1 F	rection rection	

í

۸

17.

ł

1

, .

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		•	•		3
150	OLATED FIND RI	CORD			
1)OSAC Site No.: 5EP228	(2) Temp, No.:	CS-IF-2	3)County	El Paso	
I.LOCATION			8	w th	
4)Legal Location: NW 2, NW 2,	SE & NE & S	c. $\frac{26}{1}$ T $\frac{1}{1}$	4 R 64	PM6	
5) USGS Quad: Name Corral Bluffs,	Colorado	Siz	e 7.5 m	Date 1961	-197.
6) UTM: Zone 13, 5 4 1 7 3 0 mE,	4 2 9 5 0	5 0 mN.Attac	h copy of	portion of U	SGS (
II.ARCHAEOLOGICAL DATA:					يرا النظر على ال
7)Artifacts: 1 Tertiary flake					
8) Inferred function/description:	Lithi	c reduction			
9)Outomal Affiliation ?		Time	Period	?	
10) TF Dimensions 2.1 cm. X	2.9 cm.				
TIT ENVIRONMENTAL DATA					
11)Flar 6263 ft 1008 m 12'	Soil Truckton	sandy loam			
12)Topography Tap of kno11/ Polli	ng knoll	14)Slope:	site 1	surrounding	san
15) Topography 10p 01 kholl/ kolli	ad Taxardttop	drainagealau	6235 diet	140m direct	ion
D)Nearest water:name/nature_onnam	led Intermitten	ulainageetev.			
Additional Comments. needle a	ind thread				
Additional Comments. IV.ADDITIONAL INFORMATION: (Narrat:	ind thread	ketch map)	· · · · · · · · · · · · · · · · · · ·		
Additional Commerces. IV.ADDITIONAL INFORMATION: (Narrat:	ive, drawings, s	ketch map)	· · · ·		
Additional Comments. IV.ADDITIONAL INFORMATION: (Narrat:	ive, drawings, s	ketch map)	· · ·		
V.REFERENCE DATA:	ive, drawings, s	ketch map)	· · · · · · · · · · · · · · · · · · ·		
V.REFERENCE DATA: 18) Collection: yesno_X_describe_	ive, drawings, s	ketch map)			
V.REFERENCE DATA: V.REFERENCE DATA: 19)Repository:Dept. of Anthropol	and thread ive, drawings, s 2.9 cm 2.1 cm ogy, D.U. 20)	ketch map)	ate		· · · · · · · · · · · · · · · · · · ·
V.REFERENCE DATA: 18) Collection: yes_ no X describe 19) Repository: Dept. of Anthropol 21) Report title Cult. Res. Survey 1 Prot. CU Springe.	and thread ive, drawings, s 2.9 cm 2.1 cm a.1 cm ogy, D.U. 20) for Cons. Space CO	ketch map)	tate	rie/Ford	
V.REFERENCE DATA: 18) Collection:yesno_X_describe_ 19) Repository:Dept. of Anthropol. 21) Report title Cult. Res. Survey 1 23) AffiliationDept. of Anthropol.	ive, drawings, s ive, drawings, s 2.9 cm 2.1 cm ogy, D.U. 20) for Cons. Space CO logy, D.U.	ketch map)	tate	rie/Ford 2 / 15 Form	 No.

1

, : , :

> 11 1 1

ŝ.

TOOLAMED ET	ND RECORD
ISOLATED FL	ND RECORD
1) OSAC Site No.: <u>5EP229</u> (2) Temp.	No.: <u>CS-IF-3</u> 3) County <u>E1 Paso</u>
I.LOCATION	and the second sec
4) Legal Location: <u>NW </u> *, <u>NE</u> *, <u>NW</u> *, <u>SH</u>	E_{1} , Sec. <u>26</u> T <u>14</u> R <u>64</u> M <u>6</u>
5) USCS Quad: Name_ Corral Bluffs, Colorado	Size 7.5' Date 1961-1975
6) UTM: Zone 13, 5 4 1 5 1 0mE, 4 2 9	4 7 3 Omn. Attach copy of portion of USCS (
II.ARCHAEOLOGICAL DATA:	
7)Artifacts: Point frag ment pink/white cryptocrystallin	
8) Inferred function/description: small poin other cult material around. Possibly	nt in isolated setting with no lost during hunting?
9) Cultural Affiliation Probable Woodland Cult	ture Time Period Ca. 1,000 AD
10) IF Dimensions 1.9 cm. long X 1_cm. wide	e
III. ENVIRONMENTAL DATA:	
1) Elev. 625 5 ft. 2132 m. 12) Soil Asc.	alon sandy loam
	1/1)Slone, site (° surrounding
15) Topography Slope of small knoll/kolling	
15) Nearest water: name/nature Unnamed Inter	mitten Braineselev. 6230 dist.330m direction
Nearest cernanent water Unnamed Reservoir	elev. 6350 dist.1.6km direction
Nearest permanent water Unnamed Reservoir	elev. <u>6350</u> dist. <u>1.6km</u> direction_h
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama</u> , needle and thread	elev. <u>6350</u> dist. <u>1.6km</u> direction_ d17) Surrounding vegsame
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama</u> , needle and thread Additional <u>Commentside oats grama</u> , sand dropse	elev. <u>6350</u> dist. <u>1.6km</u> direction_v d17)Surrounding vegsame eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama</u> , needle and thread Additional Commentside oats grama, sand dropse	elev. <u>6350_dist.1.6km</u> direction_v d17)Surrounding vegsame eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama</u> , needle and thread Additional Commentside oats grama, sand dropse	elev. <u>6350</u> dist. <u>1.6km</u> direction_ <u>N</u> d17)Surrounding vegsame eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV. ADDITIONAL INFORMATION: (Narrative, drawir	elev. <u>6350</u> dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat, mgs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> _dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat, mgs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat, mgs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350_dist.1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawir	elev. <u>6350_dist.1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350_dist.1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350_dist.1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350 dist.1.6km</u> direction <u>k</u> d17) Surrounding veg. <u>same</u> eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350 dist.1.6km</u> direction <u>k</u> d17) Surrounding veg. <u>same</u> eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350 dist.1.6km</u> direction <u>k</u> d17) Surrounding veg. <u>same</u> eed, b _u ckwheat
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat, ngs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> _dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat, ngs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commentside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> _dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat ngs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commentside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> _dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat, ngs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Comments de oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> _dist. <u>1.6km</u> direction_ <u>b</u> d17)Surrounding vegsame eed, b _u ckwheat, ngs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commentside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350</u> _dist. <u>1.6km</u> direction_ <u>k</u> d17)Surrounding vegsame eed, b _u ckwheat, ngs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commentside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawir	elev. <u>6350</u> _dist. <u>1.6km</u> direction_p d17)Surrounding vegsame eed, b _u ckwheat, ngs, sketch map)
Nearest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawin	elev. <u>6350_dist.1.6km</u> direction_p d17)Surrounding vegsame eed, b _u ckwheat. ngs, sketch map)
Verest permanent water <u>Unnamed Reservoir</u> 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commentatide oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawing) V.ADDITIONAL INFORMATION: (Narrative, drawing)	elev. <u>6350_dist.1_6km</u> direction_p d17)Surrounding vegsame eed, b _u ckwheat. mgs, sketch map)
V.REFERENCE DATA: 18) Collection: was X ro. describe 100% of di	elev. <u>6350</u> _dist. <u>1.6km</u> direction_j d17)Surrounding vegsame eed, b _u ckwheat. ngs, sketch map)
V.REFERENCE DATA: 18) Collection: yes_X nodescribe_100% of di 19) Recognitory: Dent. of Anthropology. D.U.	elev. <u>6350</u> _dist. <u>1.6km</u> direction_j d17)Surrounding vegsame eed, buckwheat, ngs, sketch map) i lagnostic 20)Landowner State
V.REFERENCE DATA: 18) Collection: yes_X nodescribe_100% of di 19) Repository:Dept. of Anthropology, D.U. 21) Report ritle Cult. Res. Survey for Cons.	elev. 6350_dist.1_6km_direction_j d17)Surrounding vegsame eed, b_u_ckwheat ngg, sketch map) iagnostic
V.REFERENCE DATA: 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commenside oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawing) V.ADDITIONAL INFORMATION: (Narrative, drawing) V.REFERENCE DATA: 18) Collection: yes X no describe 100% of di 19) Repository: Dept. of Anthropology, D.U. 21) Report title Cult. Res. Survey for Cons. 23) Affiliation CO Springs, CO B H	elev. 6350_dist.1_6km_direction_j d17)Surrounding vegsame eed, b_u_ckwheat, ngs, sketch map) ngs, sketch map) iagnostic 20)LandownerState Space Oper.22)RecorderGuthrie/Ford
V.REFERENCE DATA: 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commental de oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawing V.ADDITIONAL INFORMATION: (Narrative, drawing) V.ADDITIONAL INFORMATION: (Narrative, drawing) IV.ADDITIONAL INFORMATION: (elev6350_dist.1_6km_direction_j d17)Surrounding vegsame eed, b_u_ckwheat, ngs, sketch map) ngs, sketch map)
V.REFERENCE DATA: 16) Veg. on site <u>blue grama. needle and threa</u> Additional Commental de oats grama, sand drops IV.ADDITIONAL INFORMATION: (Narrative, drawing) V.ADDITIONAL INFORMATION: (Narrative, drawing) V.REFERENCE DATA: 18) Collection: yes X no <u>describe</u> 100% of di 19) Repository: <u>Dept. of Anthropology, D.U.</u> 21) Report title Cult. Res. Survey for Cons. Center, CO Springs, CO 23) Affiliation <u>Dept. of Anthropology, D.U.</u>	elev6350_dist.1_6km_direction_j dl7)Surrounding vegsame eed, b_u_ckwheat. ngs, sketch map) ngs, sketch map)

ß

۸

J i

...... 331449⁴

OLORADO PRESERVATION OFFICE				
300 Broadway				入
enver, CO 80203		•		
ISOLATEI	FIND RECORD			
1)OSAC Site No. (2)T	STE NO : CS-TE-4	3) Count	Y EL Paso	
TIOSAL SILE NO.:	<u></u>			
1. IOCATION		T 1/0 P ()	ATT DM 6th	
4) Legal Location: <u>NE</u> t, <u>SE</u> t, <u>NE</u> t,	<u>SW_</u> 7, Sec. <u>_26</u>		4W AM OLII	Rev. 10
5) USGS Quad: Name Corrai Bluirs, co				- MEV-11
6) UTM: Zone 13, 5 4 1 2 2 000E, 4 2	<u>9 4 4 5 0mN.A</u>	ttach copy of	portion or l	isis qu
II.ARCHAEOLOGICAL DATA:				
7)Artifacts: Pressure Flake. Chalcedo	ny interior flake			
•				•
8) Interred function/description: Unkno	wn.			
			2	
9)Oultural Affiliation ?		Time Period_	•	
10) IF Dimensions .6cm X .9cm				
TTT. ENVIRONMENTAL DATA:				
$\frac{11}{11} = \frac{11}{11} = 11$	Accalon Sandy Lo			
12) The second s	14)SI	ope site 30	surroundin	r flat
13) Topography Flat to slight roll	27/02			
· · · · · · · · · · · · · · · · · · ·		1 - 6240 dia	+ 210M Atrac	Hon NU
15)Nearest water:name/nature Unnamed into	ermittent drainage	lev. <u>6240</u> dis	t.210M direc	tion NV
15)Nearest water:name/nature Unnamed into Nearest permanent water Unnamed Reservoi	ermittent drainagee	elev. <u>6240</u> dis elev. <u>6350</u> dis	t. 210M direct	tion NV
15)Nearest water:name/nature Unnamed into Nearest permanent water Unnamed Reservoi: 16)Veg. on site None - Found on Terrace	ermittent drainagee r e 17)Surrour	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u>	st.210M direc st.1.5KMdirec grama, need	tion NV tion NV leand-
15)Nearest water:name/nature Unnamed into Nearest permanent water Unnamed Reservoir 16)Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g	ermittent drainagee r e 17)Surrour rama, sand dropseed	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st.210M direc st.1.5KMdirec grama, need	tion NV tion NV leand-
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoi: 16)Veg. on site	ermittent drainagee r e 17)Surrour rama, sand dropseed	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> 1, buckwheat.	st. 210M direct st. 1.5KMdirect grama, need	tion_M tion_M leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on site None - Found on Terraco Additional Comments: thread, side-oats go IV.ADDITIONAL INFORMATION: (Narrative, do	ermittent drainagee r (2015) e 17)Surrour rama, sand dropseed rawings, sketch mag	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st.210M direc st.1.5KMdirec grama, need	tion NV tion NV leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoin 16) Veg. on site	ermittent drainagee r e 17)Surrour rama, sand dropseed rawings, sketch mag	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> i, buckwheat.	st. 210M direct st. 1.5KMdirect grama, need	tion NV
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on site	ermittent drainagee r	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st. 210M direct	tion NV tion NV leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on site	ermittent drainagee r (17)Surrour rama, sand dropseed rawings, sketch mag	elev. <u>6240_dia</u> elev. <u>6350_dia</u> nding veg. <u>Blue</u> d, buckwheat.	st. 210M direct	tion NV tion NV leand-
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoin 16)Veg. on site	ermittent drainagee r e17)Surrour rama, sand dropseed rawings, sketch map	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> i, buckwheat.	st. 210M direct	tion NV tion NV leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, da	ermittent drainagee r e17)Surrour rama, sand dropseed rawings, sketch map	elev. <u>6240</u> dia elev. <u>6350</u> dia nding veg. <u>Blue</u> d, buckwheat.	st. 210M direct	tion NV tion NV leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, do	ermittent drainagee r	elev. <u>6240_dia</u> elev. <u>6350_dia</u> nding veg. <u>Blue</u> d, buckwheat.	st. 210M direc st. 1.5KMdirec grama, need	tion NV tion NV leand-
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoin 16)Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du	ermittent drainagee r e 17)Surrour rama, sand dropseed rawings, sketch map	elev. <u>6240_dis</u> elev. <u>6350_dis</u> nding veg. <u>Blue</u> d, buckwheat.	st. 210M direct	tion M tion M leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du	ermittent drainagee r 17)Surrour rama, sand dropseed rawings, sketch map	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> 1, buckwheat.	st. <u>210M</u> direct st. <u>1.5KM</u> direct grama, need	tion NV tion NV leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on site None - Found on Terrace Additional Comments: thread, side-oats gr IV.ADDITIONAL INFORMATION: (Narrative, dr or de	ermittent drainagee r e 17)Surrour rama, sand dropseed rawings, sketch man f f f f f f f f f f f f f	elev. <u>6240</u> dia elev. <u>6350</u> dia nding veg. <u>Blue</u> d, buckwheat.	st. 210M direc st. <u>1.5KM</u> direc grama, need	tion NV tion NV leand-
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16)Veg. on siteNone - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du em	ermittent drainagee r	elev. <u>6240_dis</u> elev. <u>6350_dis</u> ding veg. <u>Blue</u> d, buckwheat.	st. 210M direct	tion NV tion NV leand-
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16) Veg. on siteNone - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du g cm	ermittent drainagee r	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> 1, buckwheat.	st. <u>210M</u> direct st. <u>1.5KM</u> direct grama, need	tion NV tion NV leand-
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16)Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du g cm ibe	ermittent drainagee r a 17)Surrour rama, sand dropseed rawings, sketch man a b cross 565 565	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st. 210M direc st. 1.5KMdirec grama, need	tion M tion M leand-
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoi: 16)Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du em em	ermittent drainagee r	elev. <u>6240_dis</u> elev. <u>6350_dis</u> nding veg. <u>Blue</u> d, buckwheat.	st. 210M direc st. <u>1.5KM</u> direc a grama, need	tion NV
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoi: 16)Veg. on siteNone - Found on Terrace Aiditional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du cm em	ermittent drainagee r17)Surrour rama, sand dropseed rawings, sketch map	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st. <u>210M</u> direct st. <u>1.5KM</u> direct sgrama, need	tion NV
15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16)Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du 	ermittent drainagee r a 17)Surrour rama, sand dropseed rawings, sketch man a b cross sec b	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st. <u>210M</u> direct	tion NV
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoi: 16) Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du em w.REFERENCE DATA: 18) Collection:yes describe	ermittent drainagee r	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st. <u>210M</u> direct st. <u>1.5KM</u> direct grama, need	tion NV
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoi: 16) Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du 	ermittent drainagee r a 17)Surrour rama, sand dropseed rawings, sketch map	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.	st. <u>210M</u> direc st. <u>1.5KM</u> direc sgrama, need	tion NW
15) Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoi: 16) Veg. on site None - Found on Terrace Additional Comments: thread, side-oats g IV.ADDITIONAL INFORMATION: (Narrative, du em	ermittent drainagee r a 17)Surrour rama, sand dropseed rawings, sketch man 20)Landowner ns. Space Oper. 22)	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.)	st. 210M direct st. 1. 5KMdirect grama, need	tion NV tion NV leand-
<pre>15)Nearest water:name/nature_Unnamed inter Nearest permanent water_Unnamed Reservoir 16)Veg. on site</pre>	ermittent drainagee r e 17)Surrour rama, sand dropseed rawings, sketch map Concerns Space Oper. 22) COncerns 20)Landowner ns. Space Oper. 22) COncerns	elev. <u>6240</u> dis elev. <u>6350</u> dis ding veg. <u>Blue</u> d, buckwheat.))	t. 210M direct t. 1. 5KMdirect grama, need	tion NV tion NV leand-
<pre>15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16)Veg. on siteNone - Found on Terrace Additional Comments: thread, side-oats gr IV.ADDITIONAL INFORMATION: (Narrative, dr '</pre>	ermittent drainagee r a 17)Surrour rama, sand dropseed rawings, sketch map 20)Landowner ns. Space Oper. 22) C0 24)	elev. <u>6240</u> dis elev. <u>6350</u> dis nding veg. <u>Blue</u> d, buckwheat.))	t. 210M direct t. 1. 5KMdirect grama, need prize/Ford / 17 Form	tion NV tion NV leand-
<pre>15)Nearest water:name/nature_Unnamed into Nearest permanent water_Unnamed Reservoir 16)Veg. on siteNone - Found on Terraco Additional Comments: thread, side-oats gr IV.ADDITIONAL INFORMATION: (Narrative, dr grbe V.REFERENCE DATA: 18)Collection:yesrov describe 19)Repository: 21)Report title Cult. Res. Survey for Con Center Proj. CO Springs, 23)Affiliationbet. of Anth. BU, ARI-</pre>	ermittent drainagee r a 17)Surrour rama, sand dropseed rawings, sketch man a cross f a cross 5	elev. <u>6240</u> _dis elev. <u>6350</u> _dis nding veg. <u>Blue</u> d, buckwheat.)) 	t. 210M direct t. 1. 5KMdirect grama, need -brie/Ford / 17 Form	tion NV tion NV leand-

Ţ,

a solution and a second second

							Ĵ
Denver, CO 802 (303) 839-3391	203			•			2
	-	ISOLATED FIND	RECORD		i		
1)OSAC Site No.:	5EP231	(2) Temp, No	••: <u>CS-IF-5</u>	3)County	El Pa	80	_
I.LOCATION						+1	_
4)Legal Location	: <u>SW 2, NE</u>	t. NE t. SW t	, Sec. <u>26</u> T	14 ^s R 64 ^v	PM	6 th	
5)USGS Quad: Nam	Corral Blu:	ffs, Colorado	Si	ze _7.5'	Date	<u>1961–19</u>	7
6) UIM: Zone 13_,	<u>5 4 1 1 5</u>	<u>0mE, 4 2 9 4</u>	6 0 OmN.Atta	ch copy of	portion	n of USCS	5
II.ARCHAEOLOGICA	L DATA:						_
7)Artifacts: c H	ore remnant - : leat exposure	lavender/white che	ert 50%	cortex			
8) Inferred funct	tion/descriptio	n: secondary lith	ic reduction?				
9)Cultural Affil	listion	?	Tim	e Period	?		
10) IF Dimensions	<u>2 cm. lengt</u>	h X 2.5 cm. widt	<u>:h</u>				
III.ENVIRONMENTA	L DATA:			<u> </u>			_
11)Elev. <u>6260</u>	ft. <u>1908</u>	n. 12)Soil_Ascalor	n sandy loam				
13)Topography	<u>Slight_slope</u>	Flat to Rolling	14)Slope	: site <u>2-3</u>		nding sa	Ţ.
15)Nearest water	:name/nature	Unnamed Intermitte	en drainage elev	. 6240 dist	2201	irection	
-					K	M Statement	Ľ
Nervet property		- I De e serve d'a	പ്പ	6350 diet	147	n Tirection	L
Nearest permanen 16)Veg. on site Additional Comme	nt water Unna Blue grama, m	med Reservoir needleandthread, si	elev 2)Surrounding de-oats grama,	. 6350 dist g veg. sa sand dropse	. <u>1.4</u> me eed, bu	firection	
Nearest permanen 16)Veg. on site Additional Comme IV.ADDITIONAL IN	nt water <u>Unna</u> Blue grama, m en: FORMATION: (Na	med Reservoir needleandthread, si mrative, drawings	elev 13)Surrounding de-oats grama, , sketch map)	. 6350 dist g veg. sa sand dropse	. <u>1.4</u> me eed, bu	firection	
Nearest permanen 16)Veg. on site Additional Comme IV.ADDITIONAL IN	nt water Unna Blue grama, m m' FORMATION: (Na	med Reservoir needleandthread, si mrative, drawings,	elev	. <u>6350 dist</u> g veg. sa sand dropse	. <u>1.4 č</u> me eed, bu	firection	
Nearest permanen 16)Veg. on site Additional Comme IV.ADDITIONAL IN	nt water <u>Unna</u> Blue g <u>rama, m</u> ni FORMATION: (Na	med Reservoir needleandthread, si rrative, drawings	elev 1)Surroundin de-oats grama, , sketch map)	. 6350 dist g veg. sa sand dropse	. <u>1.4</u> č	firection	
Nearest permanen 16)Veg. on site Additional Comme IV.ADDITIONAL IN	nt water <u>Unna</u> Blue grama, m m' TFORMATION: (Na	med Reservoir needleandthread, si	elev	. <u>6350 dist</u> g veg. sa sand dropse	. <u>1.4</u> č	firection	
Nearest permanen 16)Veg. on site Additional Comme IV.ADDITIONAL IN	nt water <u>Unna</u> Blue g <u>rama, n</u> mi	med Reservoir needleandthread, si mrative, drawings	elev La)Surrounding de-oats grama, sketch map)	. <u>6350</u> dist g veg. sa sand dropse	. <u>1.4 č</u> me eed, bu	firection	
Nearest permanen 16)Veg. on site Additional Comme IV.ADDITIONAL IN	nt water <u>Unna</u> Blue grama, m m' TFORMATION: (Na	med Reservoir needleandthread, si mrative, drawings	elev Surrounding de-oats grama, sketch map)	. <u>6350 dist</u> g veg. <u>sa</u> sand dropse	. <u>1.4</u> č	firection	
Nearest permanen 16)Veg. on site Additional Comme IV.ADDITIONAL IN	nt water <u>Unna</u> Blue <u>grama</u> , n en: FORMATION: (Na	med Reservoir needleandthread, si mrative, drawings acm	elev Surrounding de-oats grama, sketch map)	. <u>6350</u> dist g veg. sa sand dropse	: <u>1.4 č</u> me eed, bu	firection	
Nearest permanen 16) Veg. on site Additional Comme IV.ADDITIONAL IN V.REFERENCE DATA	nt water <u>Unna</u> Blue grama, m m' FORMATION: (Na	med Reservoir needleandthread, si mrative, drawings acm	elev	. <u>6350</u> dist g veg. <u>sa</u> sand dropse	me eed, bu	firection	
Nearest permanen 16) Veg. on site Additional Comme IV.ADDITIONAL IN V.REFERENCE DAT/ 18) Collection: ye	t water <u>Unna</u> Blue grama, r TA FORMATION: (Na	med Reservoir needleandthread, si mrative, drawings acm	elev	. <u>6350</u> dist g veg. <u>sa</u> sand dropse	: <u>1.4 č</u> me eed, bu	Elrection	
Nearest permanen 16) Veg. on site Additional Comme IV.ADDITIONAL IN V.REFERENCE DATA 18) Collection: ye 19) Repository:	t water <u>Unna</u> Blue <u>grama</u> , <u>n</u> n. FORMATION: (Na FORMATION: (Na Dept. of Anti	med Reservoir needleandthread, si mrative, drawings acm acm	elev SJ)Surrounding de-oats grama, sketch map) 20)Landowner	. <u>6350</u> dist g veg. sa sand dropse	. <u>1.4 č</u> me eed, bu	firection	
Nearest permanen 16) Veg. on site_ Additional Comme IV.ADDITIONAL IN <u>V.REFERENCE DAT/</u> 18) Collection:yu 19) Repository: 21) Report title	LE Water Unna Blue grama, m TA FORMATION: (Na FORMATION: (Na FORMATION: (Na Dept. of Anti Cult. Res. Sur	med Reservoir needleandthread, si mrative, drawings acm acm	elev S) Surrounding de-oats grama, sketch map) a.5c.m a.5c.m coper.22) Record	. <u>6350</u> dist g veg. <u>sa</u> sand dropse <u>State</u> rder_ Guthr	. <u>1.4</u> č me eed, bu	firection ckwheat.	
Nearest permanen 16) Veg. on site_ Aiditional Comme IV.ADDITIONAL IN V.REFERENCE DATA 18) Collection:ye 19) Repository: 21) Report title 23) Affiliation	t water Unna Blue grama, m m' FORMATION: (Na FORMATION: (Na Dept. of Anti Cult. Res. Sur Center Proj. Dept. of Anti	med Reservoir needleandthread, si mrative, drawings acm acm	elev SJ Surrounding de-oats grama, sketch map) 20)Landowner ce Oper.22)Record PL 24)Date	. <u>6350</u> dist g veg. sa sand dropse State rder_Guthr	:. <u>1.4 č</u> me eed, bu	firection ckwheat.	
Nearest permanen 16) Veg. on site_ Aiditional Comme IV.ADDITIONAL IN V.REFERENCE DATA 18) Collection:yu 19) Repository: 21) Report title 23) Affiliation	t water Unna Blue grama, m m' FORMATION: (Na FORMATION: (Na Dept. of Anti Cult. Res. Sur Center Proj. Dept. of Anti	med Reservoir needleandthread, si mrative, drawings acm acm be hropology, D.U. vey for Cons. Space to Springs, CO hropology, D.U.	elev SJ)Surrounding de-oats grama, sketch map) 20)Landowner ce Oper.22)Record pr24)Date	. <u>6350</u> dist g veg. sa sand dropse State rder_Guthr	:. <u>1.4</u> °C me eed, bu	firection ckwheat. d 17 / Form No.	

C. A. Walking

And she want

E ...

COLORADO PRESERVATION OFFICE						_
1300 Broadway						
(303) 839-3391			•			
	SOLATED FIND	RECORD				
1) OSAC Site No.: 5EP232	(2) Temp, No	CS-IF-6	3) Count	ty El Pa	180	
1.LOCATION	······································					
4) Legal Location: SW K. SF K.	SF K. SW K.	Sec. 26 1	1/6 R 6/	IN PM	6+h	
SUISOS Quad: Name Connol Bluffe				Date		
6)ITM.7mg 10 5 () 1 5 ()			ach com of	 F	IGPT Rei	و ٥
	°• <u> 4 </u>	9 5 munace				אנ
TLACALDUGICAL DAIA:						
//Artificts: Large Petrified W	Wood core remna	ant.				
8)Inferred function/description:	Used as a scr	aber.				
· · · · · · · · · · · · · · · · · · ·	0954 65 6 3CT6	aher.				
9) Oultural Affiliation	?	TI	me Period	?		
10) IF Dimensions 72mm langthX	56mm widthy	34mm thickness				
III ENVIRONMENTAL DATA	WLULUA	Temm CHICKNess				
11)Flar (210 ft 1900 - 12	2)Soft					
12)7	Ascalo	Dn Sandy Loam			_ 11	
LIL COOPERATE Destace better as	ar road	14)5100	e: Sice ()	SUITOU	noung_0-	-4
Dramage Botrom nea				foun	d in dra	ain
15) Nearest water:name/nature_Unnam	ned Intermitter	nt drainage ele	v. 6210 dis	t. four	d in dr	in I
15)Nearest water:name/nature_Unnamed_Re	ned Intermitter eservoir	nt drainageele ele	v. <u>6210</u> die v. <u>6350</u> die	t	irection	in N
15)Nearest water:name/nature_Unnam Nearest permanent water_Unnamed_Re 16)Veg. on site_None - found in d	ned Intermitter eservoir irainage.	nt drainageele ele 17)Surroundi	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hine</u>	st. <u>found</u>	irection needlear	i i i
15)Nearest water:name/nature Unnamed Re 16)Veg. on siteNonefound in d Additional Comments:	ned Intermitter eservoir irainage.	ele ele 17)Surroundi ie-oats rama,	v. 6210 dis v. 6350 dis ng veg.hlue sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection	
15)Nearest water:name/nature Unnam Nearest permanent water Unnamed Re 16)Veg. on site None - found in d Additional Comments:	ned Intermitter eservoir irainage. sid	ele ele 17)Surroundi de-oats grama,	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops	st. found st. <u>1.7KM</u> d grama seed, and	irection	in <u>N</u> ndr
15)Nearest water:name/nature_Unnam Nearest permanent water_Unnamed_Re 16)Veg. on site_None - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	ele ele isurroundi ie-oatsrama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama, seed, and	irection	in N ndr
15)Nearest water:name/nature_Unname Nearest permanent water_Unnamed Re 16)Veg. on site_None - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sid	ele ele l7)Surroundi de-oats grama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	
15)Nearest water:name/nature Unnam Nearest permanent water Unnamed Re 16)Veg. on site_None - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	ele 17)Surroundi ie-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>blue</u> sand drops	st. found st. <u>1.7KM</u> d grama, seed, and	irection	in <u>N</u> ndr
15)Nearest water:name/nature_Unnam Nearest permanent water_Unnamed Re 16)Veg. on site_None - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sid	nt drainageele ele 17)Surroundi le-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama. seed, and	irection needlear buckwhe	ain a <u>N</u> adt
15)Nearest water:name/nature_Unnam Nearest permanent water_Unnamed Re 16)Veg. on siteNone - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama, seed, and	irection needlear buckwhe	1 N ndt
15)Nearest water:name/nature_Unnam Nearest permanent water_Unnamed Re 16)Veg. on site_None - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	in <u>N</u> ndr eat
15)Nearest water:name/nature_Unnamed_Rest permanent water_Unnamed_Rest 16)Veg. on siteNone - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>blue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	in <u>N</u> ndr eat
15)Nearest water:name/nature_Unname Nearest permanent water_Unnamed Re 16)Veg. on siteNone - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain 1 N adr 2 at
15)Nearest water:name/nature_Unnamed_Re 16)Veg. on siteNone - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain 1 N 1 N adr
15)Nearest water:name/nature_Unname Nearest permanent water_Unnamed Re 16)Veg. on siteNone - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>blue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain 1 <u>N</u> ndr eat
15)Nearest water:name/nature_Unnamed_Re 16)Veg. on siteNone - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain 1 N 1 N 1 N 2 at
15)Nearest water:name/nature_Unname Nearest permanent water_Unnamed Re 16)Veg. on siteNone - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>found</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain a N adr at
15)Nearest water:name/nature_Unname Nearest permanent water_Unnamed Re 16)Veg. on site_ None - found in d Additional Comments: IV.ADDITIONAL INFORMATION: (Narrat	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops	st. <u>four</u> st. <u>1.7KM</u> grama seed, and	irection needlear buckwhe	ain a <u>ndr</u> eat
V.REFERENCE DATA:	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi de-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg. <u>hlue</u> sand drops	st. <u>foug</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain a <u>N</u> adt eat
V.REFERENCE DATA: V.REFERENCE DATA: 18)Collection: yes who describe	ned Intermitter eservoir irainage. sic	nt drainageele ele 17)Surroundi le-oats rama, sketch map)	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops	st. <u>four</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain a <u>ndr</u> at
V.REFERENCE DATA: V.REFERENCE DATA: 18) Collection: yes_rimo_describe 19) Repository: Dept. of Anth Univ.	ned Intermitter eservoir irainage. sic ive, drawings,	nt drainageele ele 17)Surroundi de-oats rama, sketch map) 0)Landowner	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops State	st. <u>foug</u> st. <u>1.7KM</u> d grama seed, and	irection needlear buckwhe	ain a <u>N</u> adt eat
V.REFERENCE DATA: V.REFERENCE DATA: 18) Collection: yes_vino_describe 19) Repository: Dept. of Anth Univ. 21) Report title Cult. Res. Survey for	ned Intermitter eservoir irainage. sic ive, drawings, of Denver 2 or Cons. Space	0)Landowner Oper. 22)Rec	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops State	st. <u>foug</u> st. <u>1.7KMd</u> grama seed, and	irection needlear buckwhe	
V.REFERENCE DATA: V.REFERENCE DATA: 18) Collection: yes_vino_describe_ 19) Repository: Dept. of Anth Univ. 21) Report title Cult. Res. Survey for Cult. Res	ned Intermitter eservoir irainage. sic ive, drawings, of Denver 2 or Cons. Space ss, Co ARI	oper. 22)Reco	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops State State 2	st. foug st. <u>1.7KMd</u> grama seed, and rie/Ford	irection needlear buckwhe	ain a <u>n</u> a <u>n</u> dt eat
V.REFERENCE DATA: V.REFERENCE DATA: V.REFERENCE DATA: 18) Collection:yes_who_describe 19) Repository: Dept. of Anth Univ. 21) Report title Cult. Res. Survey for Gent Proj. Co Spring 23) Affiliation_Dept. of Anth. DU.	ned Intermitter eservoir irainage. sic ive, drawings, of Denver 2 or Cons. Space ss, Co ARI	nt drainageele ele 17)Surroundi de-oats rama, sketch map) 0)Landowner Oper. 22)Reco 24)Dat	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops State State	rie/Ford	17 /	ain <u>1</u> N <u>ndr</u> at 83 6
V.REFERENCE DATA: 18) Collection: yes_rimdescribe_ 19) Repository: Dept. of Anth Univ. 21) Report title Cult. Res. Survey for Cent Proj. Co Sprim 23) Affiliation_Dept. of Anth. DU.	ned Intermitter eservoir irainage. sic ive, drawings, of Denver 2 or Cons. Space ss, CO ARI	o)Landowner Oper. 22)Reco 24)Dato	v. <u>6210</u> dis v. <u>6350</u> dis ng veg.hlue sand drops State State	st. <u>foug</u> st. <u>1.7KM</u> grama seed, and rie/Ford	17 /	ain <u>1</u> <u>1</u> <u>N</u> <u>n</u> <u>n</u> <u>n</u> <u>n</u> <u>n</u> <u>n</u> <u>n</u> <u>n</u>

The second second second

ŝ

