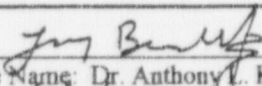
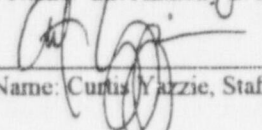


ARCHAEOLOGICAL INVENTORY REPORT DOCUMENTATION PAGE (HPD JAN/91)

1. HPD REPORT NO.	2. (FOR HPD USE ONLY)	3. RECIPIENT'S ACCESSION NO.								
4. TITLE OF REPORT: An Archaeological Survey of a Three Acre Grace Energy Site and Access Road near Hard Ground Canyon, McKinley County, New Mexico.		5. FIELDWORK DATE 07-08-98								
AUTHOR(S): Curtis Yazzie		6. REPORT DATE 07-17-98								
7. CONSULTANT NAME AND ADDRESS: Gen'l Charge: Dr. Anthony L. Klesert Org. Name: Navajo Nation Archaeology Department Org. Address: P.O. Box 689 Window Rock, Arizona 86515 Phone: (520) 871-6540		8. Permit No. NTC								
40-8912		9. Consultant Report No. NNAD-98-200								
		11. SPONSOR PROJECT NO. N/A								
10. SPONSOR NAME AND ADDRESS: Ind. Responsible: Gary Williams Org. Name: ETEC Inc. Org. Address: 1200 W. Aragon Belen, New Mexico 87002 Phone: (505) 864-3998		12. AREA OF EFFECT: 5.8 ac AREA SURVEYED: 5.8 ac								
13. LOCATION (MAP ATTACHED): Fig. 1										
<table border="0"> <tr> <td>a. Chapter: Church Rock</td> <td>e. Land Status: Navajo Tribal Trust</td> </tr> <tr> <td>b. Agency: Eastern Agency</td> <td>f. UTM Center: See supplement sheet</td> </tr> <tr> <td>c. County: McKinley</td> <td>g. Area: See supplement sheet</td> </tr> <tr> <td>d. State: New Mexico</td> <td>h. 7.5' Map Name(s): Church Rock, N. Mex., 1963, photorevised 1979</td> </tr> </table>			a. Chapter: Church Rock	e. Land Status: Navajo Tribal Trust	b. Agency: Eastern Agency	f. UTM Center: See supplement sheet	c. County: McKinley	g. Area: See supplement sheet	d. State: New Mexico	h. 7.5' Map Name(s): Church Rock, N. Mex., 1963, photorevised 1979
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d. State: New Mexico	h. 7.5' Map Name(s): Church Rock, N. Mex., 1963, photorevised 1979									
14. REPORT /X/ OR SUMMARY (REPORT ATTACHED) //										
a. Description of Undertaking: See supplement sheet										
b. Existing Data Review: See supplement sheet										
c. Area Environmental & Cultural Setting: See supplement sheet										
d. Field Methods: See supplement sheet										
15. CULTURAL RESOURCE FINDINGS: One (1) isolated occurrence and one (1) Traditional Cultural Property were identified during the NNAD-98-200 inventory; no other cultural resources were encountered or identified.										
a. Location/Identification of Each Resource: See supplement sheet										
b. Evaluation of Significance of Each Resource (above): See supplement sheet										
16. MANAGEMENT SUMMARY (RECOMMENDATIONS): Archaeological clearance is recommended for the proposed project.										
17. CERTIFICATION: SIGNATURE: 		DATE: 7/17/98								
General Charge Name: Dr. Anthony L. Klesert, Director										
SIGNATURE: 		DATE: 7-17-98								
Direct Charge Name: Curtis Yazzie, Staff Archaeologist										

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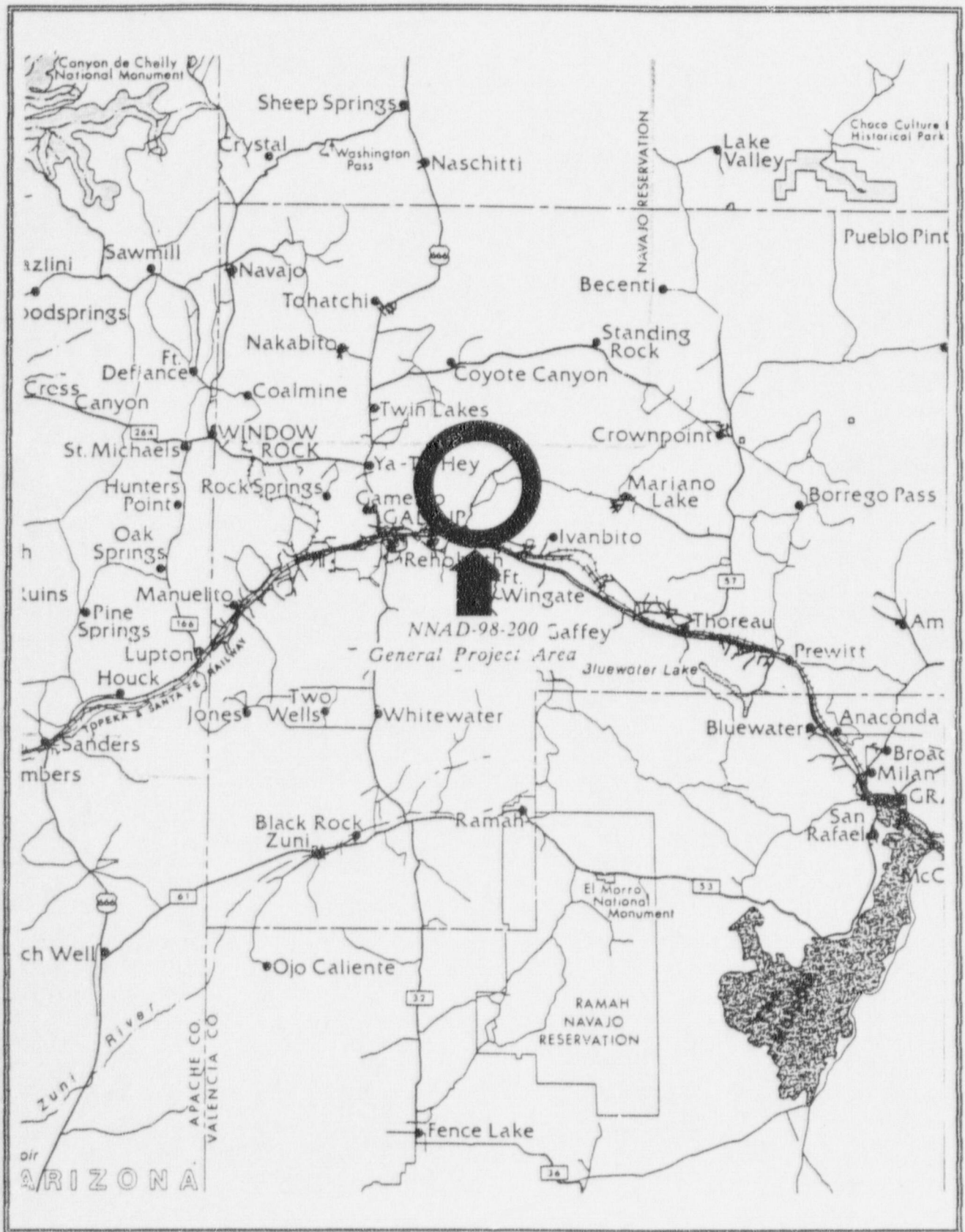


Figure 1. General Location Map of the NNAD-98-200 Project Area (Goodman 1982).

SUPPLEMENT SHEET (AIRS FORM)

NNAD-98-200; Three Acre Grace Energy Site and Access Road
near Hard Ground Canyon, McKinley County, New Mexico

14. REPORT

a. Description of Undertaking: The sponsor, Gary Williams, requested an archaeological survey of a three acre land parcel and a 3660 ft (1116 m) long by 33 ft (10 m) wide access road to allow for the clean up of a uranium drill site (Figure 2). The area of potential effect equals approximately 251,460 sq ft (23,361 sq m) or 5.8 ac (2.3 ha). Ground disturbance, both surface and subsurface, is expected to be intensive and extensive from the use of heavy equipment.

Table 1. Three Acre Land Parcel Corner Points and Points along the Access Road Surveyed during the NNAD-98-200 Inventory.

<u>Description</u>	<u>UTM Coordinates (Zone 12)</u>	<u>Legal Descriptions (T.16N, R.17W, Section 23)</u>
a. NW corner	3943030N, 717010E	NE1/4, NW1/4, NE1/4
b. NE corner	3943030N, 717280E	NE1/4, NE1/4, NE1/4
c. SE corner	3942970N, 717280E	NE1/4, NE1/4, NE1/4
d. SW corner	3942970N, 717010E	NE1/4, NW1/4, NE1/4
e. Access road Beg.	3942170N, 717080E	NW1/4, NE1/4, SE1/4
f. Access road bend	3942610N, 717270E	NW1/4, SE1/4, NE1/4
g. Access road bend	3942720N, 717210E	SW1/4, NE1/4, NE1/4
h. Access road bend	3942850N, 717200E	SW1/4, NE1/4, NE1/4
i. Access road bend	3942890N, 717110E	SW1/4, NE1/4, NE1/4
j. Access road End	3943030N, 717010E	NE1/4, NW1/4, NE1/4

b. Existing Data Review: A review of Navajo Nation Historic Preservation Department (NNHPD) and Navajo Nation Archaeology Department (NNAD) archival files indicated that seven (7) archaeological projects have been previously conducted, and that sixteen (16) archaeological sites have been recorded, within a one-kilometer radius of the current project area.

Table 2. Previous Archaeological Projects Conducted within a One-Kilometer Radius of the NNAD-98-200 Project Area.

1976	An Archaeological Survey of Several Tracts between Gallup and Grants, New Mexico for Homestake Mining Company.	LA 13579; Anasazi BMIII-PIII habitation LA 13581; Anasazi PII-PIII habitation LA 13583; Historic Navajo wall and rock alignment LA 13585; Historic Navajo corral (no date) LA 13587; Historic Navajo habitation (no date) LA 13589; Anasazi PII-PIII artifact scatter
SAR-79-81	Archaeological Clearance Surveys in the Church Rock and Ambrosia Lake Areas of McKinley County, New Mexico.	SAR 918-1; Navajo shrine/range/grazing marker SAR 918-2; Navajo hearth area and temporary camp SAR 918-3; Anasazi PII-PIII habitation
SAR-79-177	Additional Archaeological Surveys in the Church Rock and Ambrosia Lake Areas.	No sites
NAU-79-235	Archaeological Resources Survey of Public Health Service Project No. NM-77-715, A Proposed 25 Mile Waterline to Navajo Communities North of Gallup, New Mexico.	NM-G-6-2; Anasazi PII sherd scatter NM-G-6-4; Anasazi PII habitation

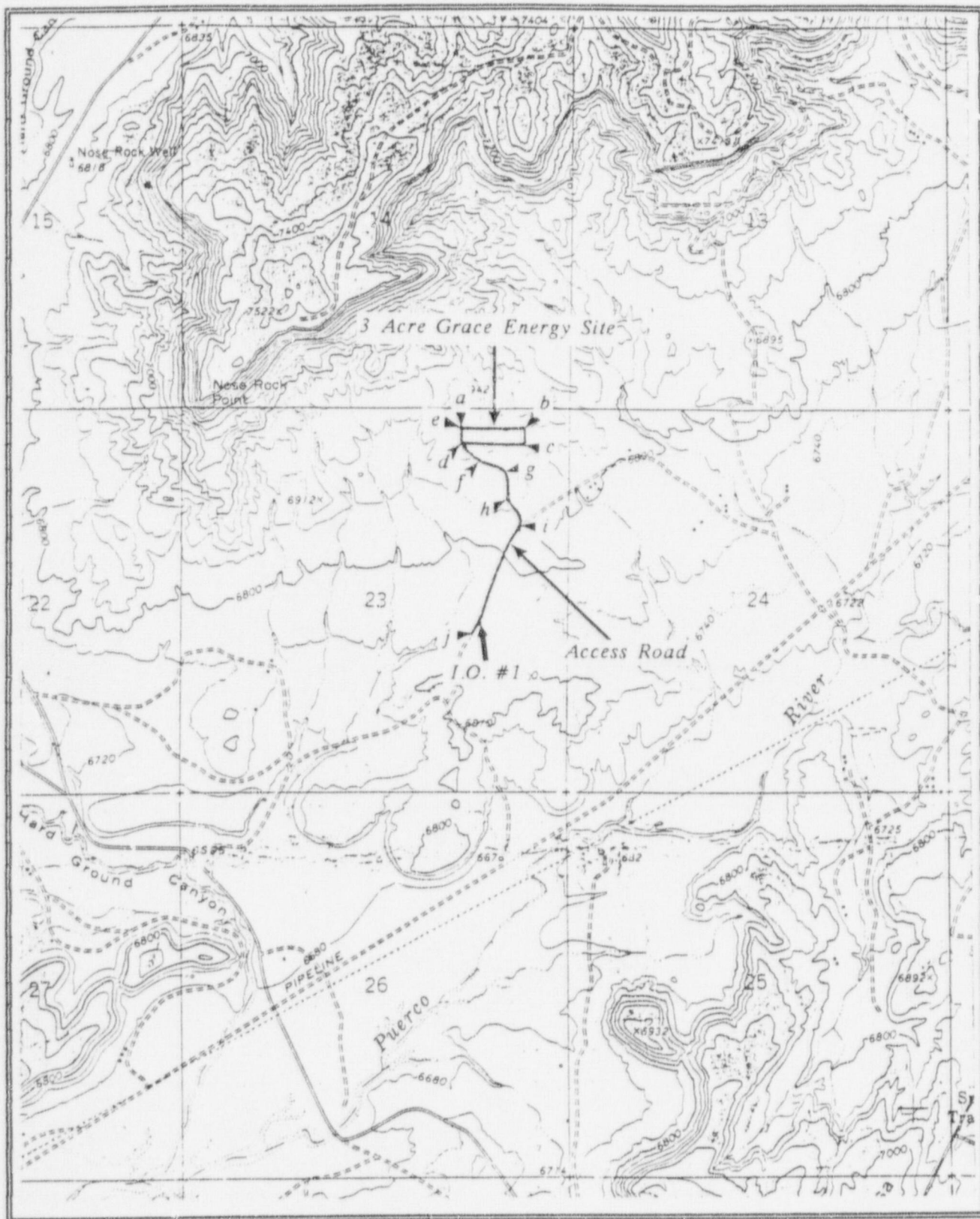


Figure 2.

Locational Map of the Three Acre Grace Energy Site, Access Road, and of the Isolated Occurrence Identified during the NNAD-98-200 Survey. USGS 7.5' Series Map Reference: Church Rock, New Mexico, 1963, Photorevised 1979.

DCA-79-241	An Archaeological Survey of Approximately 160 Acres of Land near Church Rock, New Mexico for Teton Exploration Drilling Co., Inc.	DCA-79-121; Navajo habitation (no date) DCA-79-121; Anasazi PII ceramic scatter DCA-79-123; Anasazi PII artifact scatter DCA-79-124; Navajo windbreak and hearth (no date) DCA-79-125; Anasazi PII ceramic scatter
NTM-87-65	Archaeological Survey: Residential Power Line Extensions along the Puerco River Valley and Adjacent Areas, Church Rock, McKinley County, New Mexico.	No sites
HPD-92-472	An Archaeological Survey for the Proposed Improvement of County Road 77, Phase 1 in McKinley County, New Mexico.	No sites

For a general overview of the area, the reader is referred to:

Langenfeld, Kristin with contributions by Klara B. Kelley

1982 The Gallup Eight Project: Archaeological Surveys on Eight Navajo Holdings in the New Mexico Checkerboard Area. *Navajo Nation Papers in Anthropology*, No. 19. Navajo Nation Cultural Resource Management Program, Window Rock, Arizona.

c. Area Environmental and Cultural Setting: The proposed project area is located at elevations ranging from 6760 ft (2060 m) to 6900 ft (2103 m) above mean sea level. Vegetation consists of pinon, juniper, snakeweed, prickly pear, narrow-leaf yucca, sagebrush, Indian ricegrass, blue grama grass, cheatgrass, wolfberry, greasewood, and other native plants. Surface sediments consist of fine- to medium-grained, reddish-brown eolian and alluvial sand with pebble-sized rock inclusions and clay inclusions. No animals were observed during the survey. An unnamed drainage crosses the survey area. The current cultural setting consists of the abandoned uranium drill site, dirt roads, nearby homesteads, and fencelines.

d. Field Methods: The requested archaeological survey was conducted on May 22, 1998, by Curtis Yazzie and Melvin Dalgai, staff archaeologists, and Vanessa Kirk, Summer Student Intern, with the Navajo Nation Archaeology Department (NNAD). The three acre land parcel was surveyed by walking parallel transects spaced no more than 15 m (50 ft) apart. The access road was surveyed by walking parallel transects spaced no more than 5 m (16 ft) apart. The total area inventoried therefore equaled the area of potential effect: 251,460 sq ft (23,361 sq m) or 5.8 ac (2.4 ha).

Also as part of the archaeological survey, Vera Brown, Church Rock Clerk Typist, was interviewed regarding Traditional Cultural Properties (TCPs) in and around the project area.

15 CULTURAL RESOURCE FINDINGS

a. Location/Identification of Each Resource: One (1) isolated occurrence and one (1) Traditional Cultural Property were identified during the NNAD-98-200 inventory; no other cultural resources were encountered or identified.

Isolated Occurrence

The one (1) isolated occurrence identified consisted of a single Cibola Grayware sherd, which was located near the beginning of the access road (UTM coordinates and legal description: Zone 12; 3942210N, 717110E, T.16N, R.17W, Section 23, NW1/4, NE1/4, SE1/4).

b. Evaluation of Significance of Each Resource: The isolated occurrence is more than the 50 years old but lacks integrity. Research potential has been exhausted by this recording which includes location and description. Thus, it is not eligible

for nomination to the National Register of Historic Places (NRHP). The isolated occurrences is more than 100 years old, but it is not considered of archaeological interest, therefore it does not warrant protection under the Archaeological Resources Protection Act (ARPA). In addition, it is not eligible for protection under the American Indian Religious Freedom Act (AIRFA) since it has no known sacred or religious significance.

Although the Traditional Cultural Property qualifies for protection under NPS Bulletin 38 and AIRFA, it is outside the surveyed area and there is no evidence to suggest that it will be remotely affected by the proposed undertaking.

NNAD-98-200; An Archaeological Survey of a Three Acre Grace Energy Site and Access Road
near Hard Ground Canyon, McKinley County, New Mexico

Appendix A: Confidential Ethnographic Information

Traditional Cultural Property

One Traditional Cultural Property (TCP) was observed during the NNAD-98-200 survey. The TCP consists of a single sweatlodge with associated features that include a pile of burned rock, milled lumber debris, and a pile of burnt juniper limbs. The TCP is 29 m (95 ft) north-northeast of the NW corner of the 3-acre land parcel. The location of this property is shown on the accompanying map (Figure 3).

Although the Traditional Cultural Property (TCP) qualifies for protection under NPS Bulletin 38 and AIRFA, it is outside the surveyed area and there is no evidence to suggest that it will even be remotely affected by the proposed undertaking.

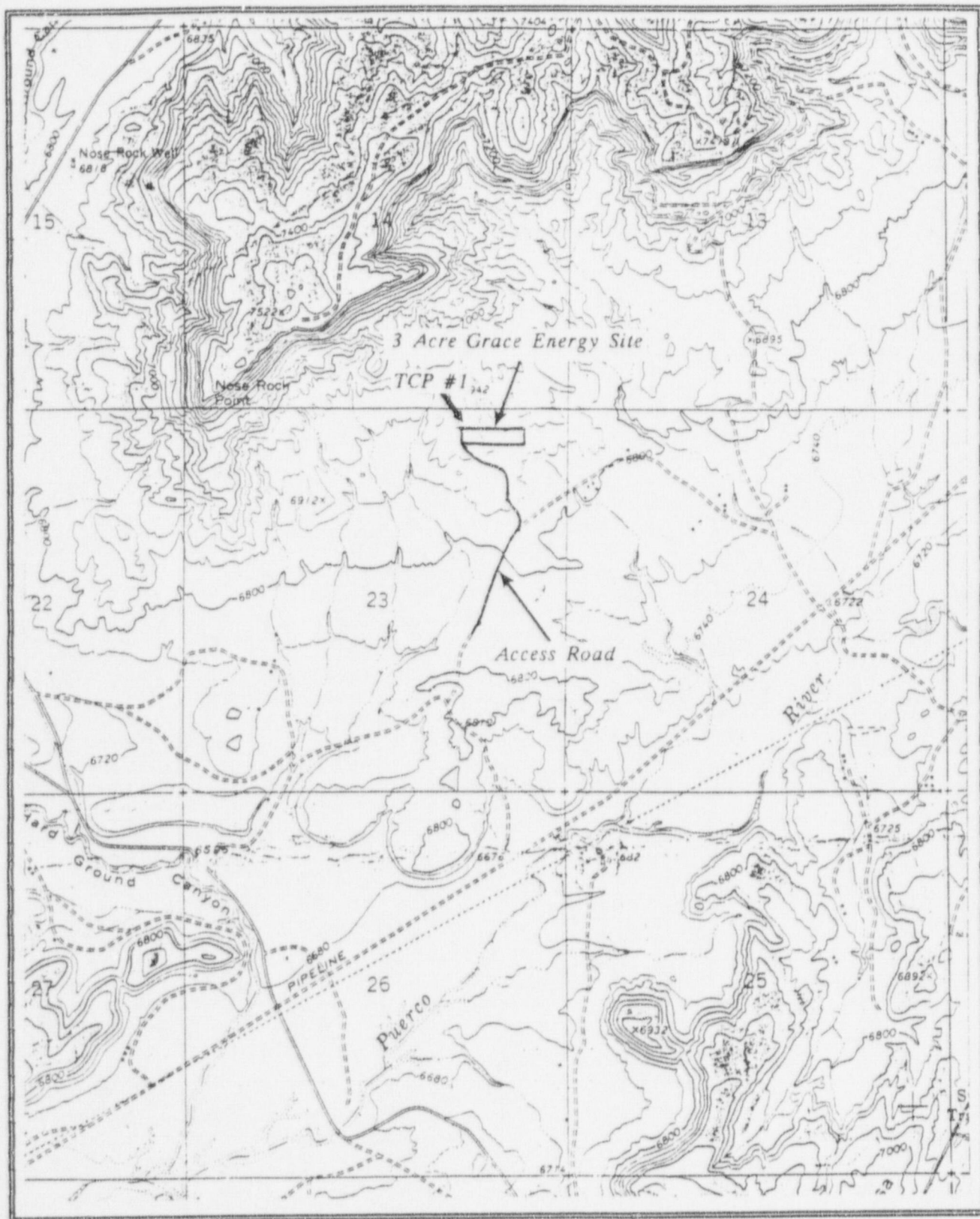


Figure 3.

Locational Map of the Three Acre Grace Energy Site, Access Road, and of the Traditional Cultural Property Identified during the NNAD-98-200 Survey. USGS 7.5' Series Map Reference: Church Rock, New Mexico, 1963, Photorevised 1979.