

5.0 BUREAU OF RECLAMATION LITERATURE CITED

Banet, C, 1998. Technical Studies conducted to assist settlement discussions in *NM v Abeyta*: Drilling Program – Pueblo Portion. U.S. Department of Interior, Bureau of Indian Affairs, Albuquerque Area Office, Branch of Water Rights.

Bureau of Reclamation. 1999. Environmental Assessment for Taos Deep Exploratory Wells Project. Albuquerque Area Office.

Epodunk, June 2004. www.epodunk.com/cgi-bin. Taos County, NM.

6.0 APPENDICES

- 6.1 Photos of Site Location
- 6.2 Map of Proposed Action
- 6.3 BIA Memorandum December 5, 2003 – Completion of Cultural Resources Compliance for Drought Relief Well at Taos Pueblo



6.1 Photos of proposed well site



Proposed drought relief well site.

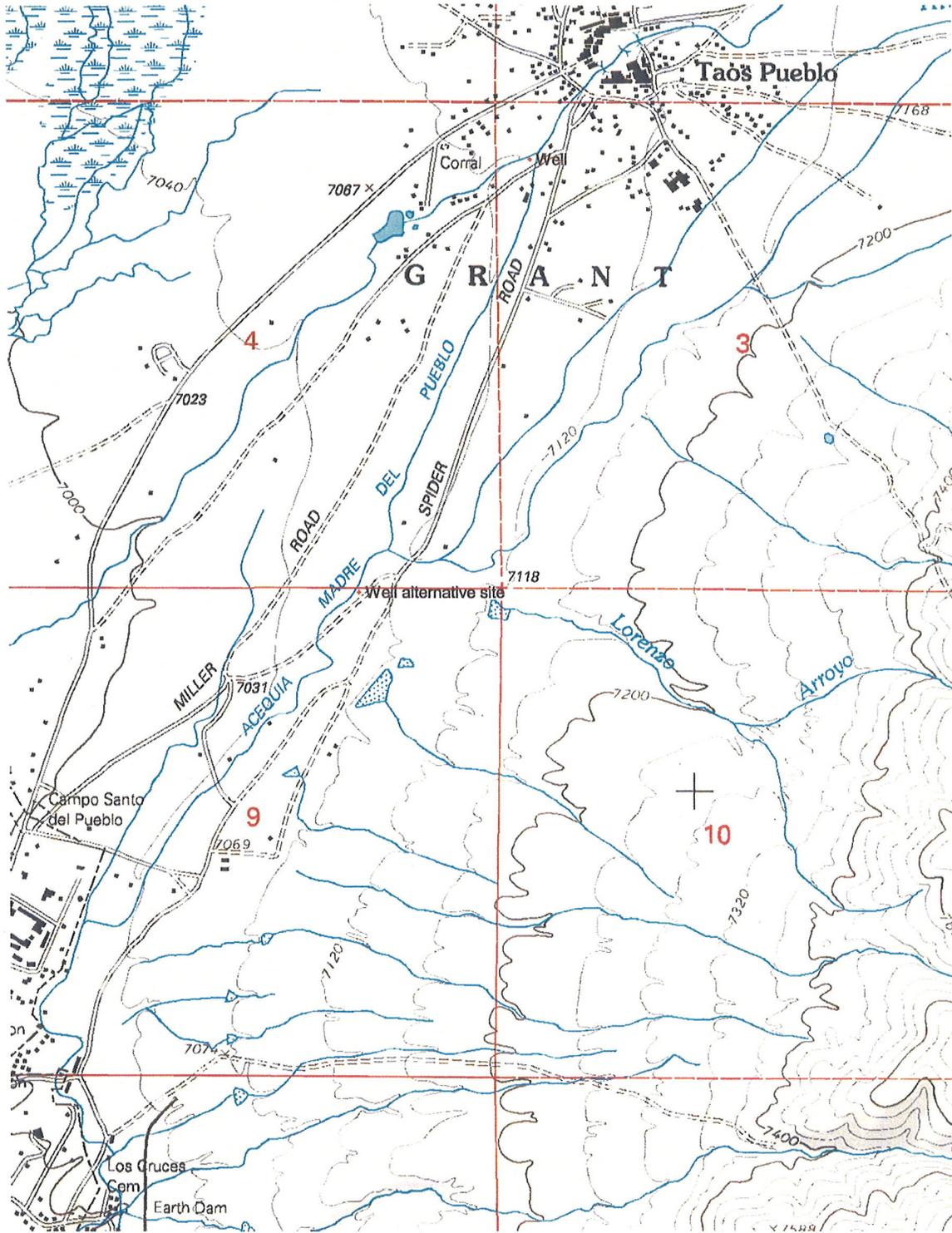


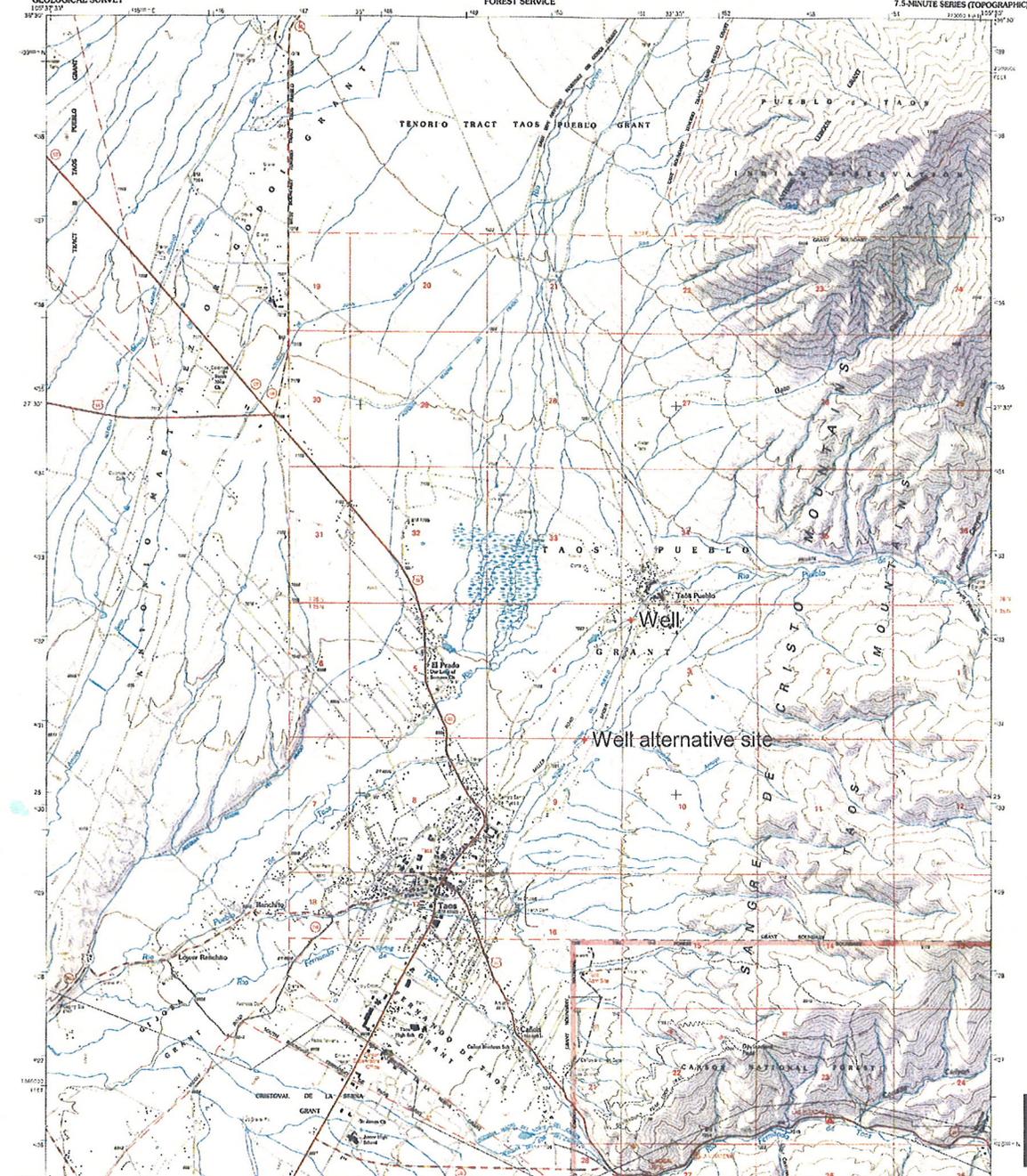
This is a photo of vegetation on the lot of proposed drought relief well as of July 2005. Trees in the area include Chinese elms, woods rose, chokecherry and one aspen was seen.



Access road (Little Deer Horn Road) next to lot where wells would be installed/drilled. Turnout for access would be at the orange flag in the photo.

6.2 Maps of Area





Produced by the U. S. Geological Survey
 Identified by the U.S. Forest Service
 Areas outside the National Forest System lands may not have been revised
 since 1957. Partial releases by U.S. Forest Service 1999.
 Contour from aerial photography taken 1961. Planed from aerial photography
 taken 1957. Partial releases by U.S. Forest Service 1999.
 North American Datum of 1983 (NAD 83). Projection and 16,300-foot scale.
 They show contour lines, spot elevations, and drainage patterns. The
 1500-foot Universal Transverse Mercator scale, zone 13.
 North American Datum of 1983 (NAD 83) is shown by dashed corner dots.
 The values of the dots between NAD 83 and NAD 29 for 7.5 minute
 maps are available from National Geospatial Data Center (NGDC) website.
 The National Forest System lands within the National Forest
 boundaries are shown in blue. National or State boundaries
 This map is a digital data set or computer file. Public lands are
 subject to change and deletion, and may have been reclassified, check
 with local offices. Obtain permission before reusing private lands.



UNLAKENANCE LOCATION

1	2	3
4	5	6
7	8	9

1 Group Station
2 Arroyo
3 National Forest
4 National Forest
5 National Forest
6 National Forest
7 National Forest
8 National Forest
9 National Forest

ROADS AND HIGHWAYS

Interstate
U.S.
State
County
National Forest, suitable for passenger cars
National Forest, suitable for high clearance vehicles
National Forest Trail

Primary highway
Secondary highway
Light-duty road
Road
Dirt
Compassionate unpaved
Unimproved 4-wheel drive
Trail
Cave

TAOS, NM
1995
DATA 0158 1983 - BLS/ES/ST/1





August 5, 2005

UNITED STATES GOVERNMENT
memorandum

DATE: DEC 05 2003
REPLY TO:
ATTN OF: Deputy Regional Director
SUBJECT: Completion of Cultural Resources Compliance for a Drought Relief Well at Taos Pueblo
TO: Regional Hydrologist

Attached is a report prepared by Mr. Peter J. McKenna, Archeologist, entitled, "Cultural Resource Survey: A proposed Drought Relief Well on the Rio Pueblo, Taos Pueblo, New Mexico."

No evidence of potentially significant cultural resources was encountered during the requisite survey. Because the area is small, previously disturbed by agriculture and run-off events, and was stipulated as the desired tract by a Taos Pueblo official, we do not feel this action has the potential to effect localities of traditional, religious or cultural significance to the Pueblo of Taos. Therefore, we have determined that no historic properties will be affected and the proposed project should be allowed to proceed as planned. This decision is in keeping with our Memorandum of Agreement Exclusion #2 with the New Mexico State Historic Preservation Officer, dated September 11, 1990. We have informed the Pueblo of Taos and the New Mexico State Historic Preservation Officer of our decision and have provided them with a copy of this report for their files.

The proposed undertaking is in compliance with the provisions of § 106 of the National Historic Preservation Act (16 U.S.C. 470) and its implementing regulations (36 CFR 800). The proposed project may proceed under the following stipulations:

1. All land altering activity must be confined to the areas surveyed for cultural resources.
2. If subterranean cultural resources are encountered, land altering activities will be halted and the Regional Archeologist notified immediately.

These stipulations must be followed or project suspensions will be issued. The responsibility of project sponsors is to notify subcontractors of the project boundaries and stipulations. Any change in project boundaries will require additional survey and repetition of the compliance procedures.

If you have any questions, please contact Mr. Peter J. McKenna, Natural Resources Services, at (505) 346-7111.

Acting 
Deputy Regional Director

Attachment



TA04-023
NMCRIS 85806

Bureau of Indian Affairs
Southwest Regional Office
Cultural Resources Survey Report

Cultural Resource Survey: A Proposed Drought Relief Well on the Rio Pueblo, Taos Pueblo, New Mexico

Preparer: Peter J. McKenna, Archeologist, Southwest Regional Office, Bureau of Indian Affairs

Survey Archeologist: Peter J. McKenna

Other Parties: Mr. Nelson Cordova, Taos Pueblo Water Rights

Date of Report: 6 Nov 03 **Date of survey:** 5 Nov 03

PROJECT INFORMATION

Sponsor Name and Address: BIA Southwest Region, Branch of Rights Protection, P.O. Box 26567, Albuquerque, NM 87125

Project Name/Designation: Taos Pueblo Drought Relief Well

Description of Undertaking: The Geohydrology Section of the Southwest Region proposes to drill one drought-relief well along the east side of the Rio Pueblo just south of old Taos Pueblo. No new access preparation is required.

Nature of Federal Involvement: Drilling of well.

Size of Project Area: The tract of land selected for the well is a roughly rectangular piece of land some 180m by 30-85m wide. The tract contains 2.6 acres.

PROJECT LOCATION

State: New Mexico **County:** Taos **Reservation:** Taos Pueblo

USGS Quadrangle: Taos NM, 1964, 7.5' (1:24000)

Legal Description: T 25N R 13E Sec. 3 NE,NW,NW

UTM Coordinates: Well center Zone 13 451020E 4032260N

Distance/Direction from local landmarks/geographic features: The well locality will be sandwiched between the Rio Pueblo on the west, the Phia-no Ditch on the east and by residential developments on the north and south. The Deer Horn Road flanks



the Phia-no Ditch immediately to the east and it's intersection with Spider Rock Road is about 50m north; old Taos Pueblo is about 3-4 blocks north of the project area.

ENVIRONMENTAL SETTING

Topographic Situation: Flat bottom land of the Rio Pueblo drainage.

Drainage: Rio Pueblo de Taos.

Geology and Soils: Alluvium and riverain colluvial deposits; dark brown clay loams.

Vegetation Communities and Local Flora: Riparian bosque featuring narrow leaf cottonwood, alders, box elder, Chinese elm, Rocky Mountain juniper, some Gambel's oak, wild rose, rabbit brush, Apache plume, wild grape, Virginia creeper, cockleburs, mustards, orchard grass, cheat grass, alfalfa and other annuals/forbs.

Elevation: 7090 ft.

SURVEY

Dimensions & Acreage: Same as project area.

Survey Method: The development bounded area was walked in zig-zagged parallel transects spaced at 10-15m intervals.

Previous Surveys: None of the immediate project area.

Previous Disturbance: The tract for the well was described by Taos Pueblo authorities as having been an old field. This field area has recovered vegetatively to some degree but dirt piles from ditch cleaning are evident over much of the eastern side of the tract. The area has also seen repeated overbanking and disturbance by runoff from the Rio Pueblo. Today the area is largely a party site with numerous "weeny fire" scars, informal hearths and scattered refreshment containers.

CULTURAL RESOURCES

Sites: None.

Isolated Occurrences: None **Isolated Artifacts:** None.

RECOMMENDATIONS



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The archeological survey of a proposed drought relief well on Taos Pueblo lands identified no cultural resources in the project areas. Because no significant properties were identified no historic properties will be affected and it is recommend the project proceed as planned with the following stipulations:

1. All land altering activities be confined to the areas surveyed for cultural resources.
2. If subterranean cultural resources are encountered, land alteration be halted and the Regional Archeologist notified immediately.

Attachments: Project Location Map: Figure 1



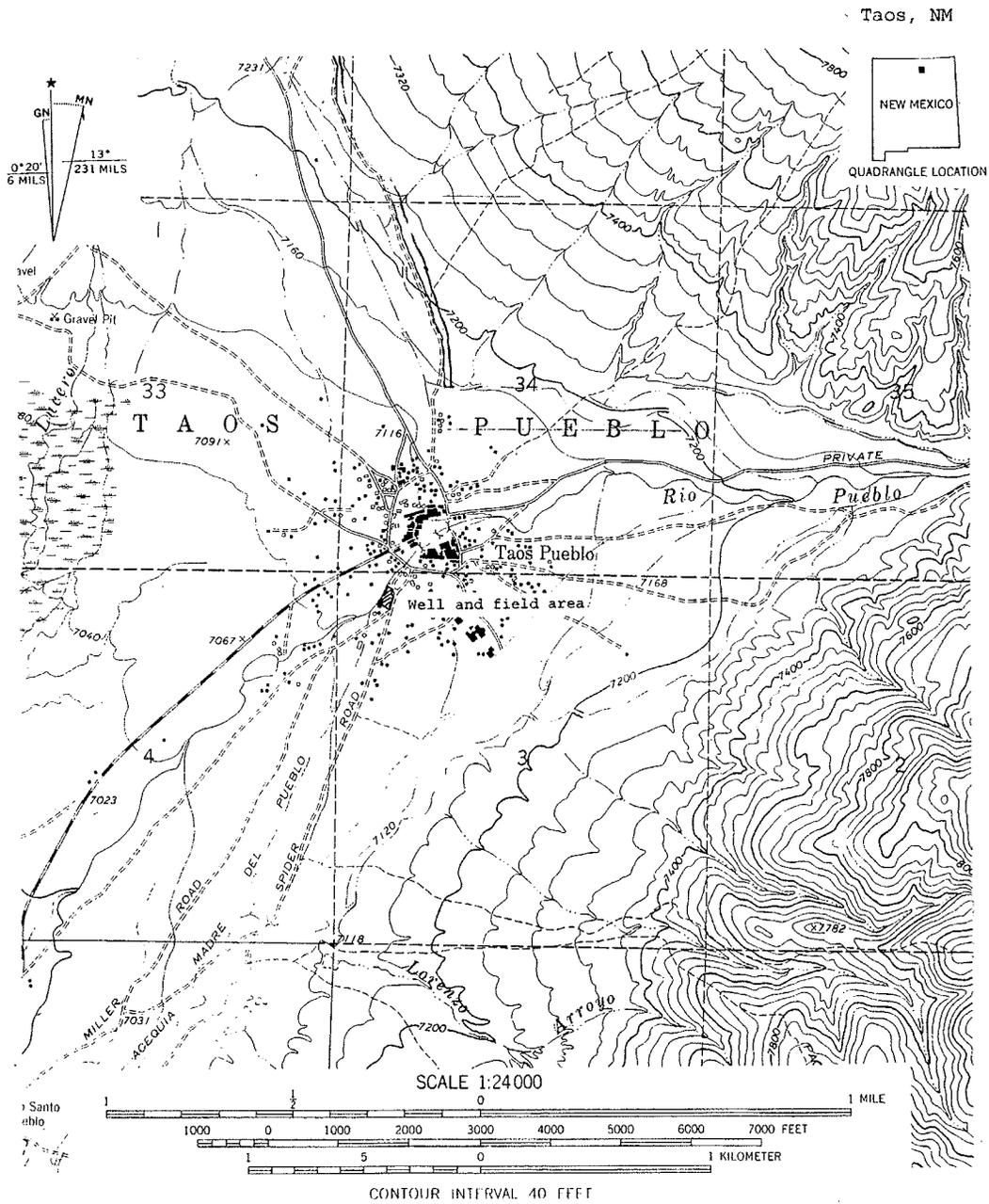


Figure 1. Location of a proposed drought relief well along the Rio Pueblo at Taos Pueblo, New Mexico.

