

LABORATORY OF TREE-RING RESEARCH
THE UNIVERSITY OF ARIZONA

TUCSON
1973

Tree-Ring Dates from New Mexico J-K, P, V

Santa Fe--Pecos--Lincoln Area

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Tucson

1973

PREFACE

At the end of ten years' effort, the comprehensive review of archaeological tree-ring samples from all Southwestern sites by the Laboratory of Tree-Ring Research is essentially complete. The project was begun in 1963 and has been generously supported by the National Science Foundation (Grants GS-247, 908, 2232). All concerned with the project are grateful for this support.

This report is the twelfth in an unnumbered series treating the results of the review. Thirty-three quadrangles in Arizona, Utah, and New Mexico have been presented in this form. We anticipate one more report for New Mexico and two for southwestern Colorado in the course of the next few years.

The tree-ring samples considered in this report were examined by Warren and the text mainly prepared by Harrill. Much of the original background data for each site was assembled by S. Alan Skinner. Deborah Westfall undertook the arduous task of manuscript typing and, in addition, prepared the line drawings. As always, we are grateful for support from our permanent colleagues Bryant Bannister, Jeffrey S. Dean, and John W. Hannah.

William J. Robinson

Tucson, Arizona
June 1, 1973

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* Indicates undated sites

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Kua-Kaa	see Arroyo Hondo
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Lost Church	see Pecos
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Mayer House	see Santa Fe Area
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Watrous Area	*
Yam-p-hamba	see San Cristobal

LA - Laboratory of Anthropology (now Museum of New Mexico)
site survey

INTRODUCTION

The Laboratory of Tree-Ring Research has been serving as a repository for archaeological wood and charcoal specimens since 1916 when A.E. Douglass began seeking prehistoric wood in an effort to extend his modern ring chronologies into the past. While his primary interest was in compiling an extensive dendroclimatic record to facilitate long range weather prediction studies, the collection and eventual dating of hundreds of pieces of prehistoric wood was of inestimable value to archaeologists.

Dendrochronology provides the most precise prehistoric temporal control in the world. Determination of the cutting date of artifactual and architectural materials made of wood is of the greatest importance to culture historians. At the present time Southwestern archaeologists have over 2000 years of continuous tree-ring records. From a beginning of an initial group of relatively few crossdated beams from the southwestern United States, detailed regional records have been compiled for most of this area and parallel studies are being or have been developed in the Arctic, the Great Plains, California, Mexico, Europe, and western Asia.

Douglass acquired more than 10,000 laboratory specimens during a 45-year period. Small groups of dates derived by him and his staff appeared at intervals in diverse publications, most of them in the Tree-Ring Bulletin. Then, in 1951, Terah L. Smiley reviewed the existing collection and published a summary of reliable sites and dates. This was a major advancement of the state of knowledge and has been the standard reference in the field.

By the beginning of the 1960's it had become apparent that a new evaluation of archaeological specimens was necessary. A vast number of additional specimens had been collected and many new and better study techniques had been developed. In addition, at various times over the years, other institutions that maintained collections of dendrochronological materials had turned them over to the Laboratory of Tree-Ring Research for preservation and study. The original Douglass collection has been augmented by the acquisition of collections from Gila Pueblo, the Laboratory of Anthropology at Santa Fe, and the Museum of Northern Arizona. The aggregate group now numbers about 100,000 specimens and the time seems right to attempt an up-to-date synthesis of archaeological tree-ring dating.

THE CURRENT PROJECT

In July 1963, the Laboratory of Tree-Ring Research received a National Science Foundation grant to cover the costs involved in reassessing and reworking all of the specimens in its collection. This study has been productive beyond expectations and renewal grants were received in July of 1965 and 1968 to carry this work to completion.

The development of more sophisticated techniques of sample preparation, analysis, and interpretation has now made it possible to achieve a high level of efficiency in the production of dates. The current project involves a systematic restudy of pertinent parts of the collection with the basic aims of: (1) checking past work, (2) obtaining as many new dates as possible,

(3) extracting the chronological parameters necessary for prehistoric climatic interpretation, and (4) organizing the resultant data. To this end a series of publications presenting a summary of the available information about the sites and the derived dendrochronological information is being produced. This paper, Tree-Ring Dates from New Mexico J-K, P, V: Santa Fe--Pecos--Lincoln Area, is the twelfth of these. A complete list of titles in this series appears on the inside of the back cover. Specialized chronological data of interest to dendrochronologists, such as standardized indices and plotted growth curves, will appear at intervals in the Tree-Ring Bulletin.

This series should be of great importance to Southwestern archaeologists. With all prehistoric materials checked for provenience, dating, and possible duplication, the available dendrochronological controls for each site are exactly determined. The provenience of dated specimens within a site and the temporal ordering of sites within a geographic area are presented as precisely as possible. In most cases, existing published dates from individual sites have been corroborated; a few have been changed. In many cases, new dates have been obtained for these units which serve to augment the range and detail of chronological control. In addition, many specimens from new sites have been dated. Some of these are products of recent excavations; others, whose characteristics presented various procedural problems in the past, are now datable because of the knowledge derived from an intensive dendrochronological study of the geographic and temporal units involved.

These new data are translatable into the finest of prehistoric temporal controls. For example, the chronological data from the various quadrangles, largely derived from short occupancy sites with a localized geographic distribution, present an unequalled opportunity for studies of cultural attributes and change. Ceramic and architectural development, settlement patterns, population movements, demographic estimates, and numerous other studies can be undertaken with a precision previously impossible. The information derived by this project will be instrumental in any future synthesis of Southwestern archaeology.

ORGANIZATION OF RESEARCH

At the beginning of this project a procedural decision was made to organize the material on an areal basis with the archaeological site as the basic unit of study and to group the sites into arbitrary regional units which would allow thorough intensive analyses. The sites have been studied individually, and as a group, by comparing all the sites within a quadrangle. The quadrangles, which correspond to those established by the Survey system of the Arizona State Museum (Wasley 1964), encompass 1 degree of longitude and 1 degree of latitude. This grouping has allowed the building of firm regional tree-ring chronologies and has resulted in increased understanding of local ring variation which in turn has permitted more dating of individual specimens.

PRESENTATION OF DATA

Although the Laboratory's records include all archaeological sites from which tree-ring specimens have been collected, data are presented in this report only for sites with dated specimens. However, both dated and undated sites are shown in Fig. 1 and listed in the Table of Contents on page iii. The information available to the Laboratory on the dated sites is very uneven. In the past 40 years, many tree-ring specimens were collected for the primary purpose of chronology building and, as a consequence, the archaeological characteristics of the collection site were frequently recorded only in general terms. In some cases, the location of the site has been lost as a result of incomplete records or as a result of acceptance of specimens for chronology purposes without the details of archaeological provenience. Some sites have been placed in quadrangles only by inference on the part of the present staff and may, in fact, belong to a different area entirely. However, every effort has been made to obtain as much information as possible.

In a limited number of cases, specimens for which records exist have not been identified in the collections. The problems thus created are not great, as these specimens are usually only a few of many from a site. If they were previously dated, however, they are not so considered in this report. Occasionally, the lost specimens represent the total collection from a site and, as a consequence, the site does not appear in the reports. No such instances occur in this area.

To summarize the data presented, a chart has been prepared (Fig. 2) to represent the sequence of dated sites and structures. The components are ranked from late to early according to the latest outside dates only, and the charts are not intended to be used to chronologically position the listed sites. Temporal placement of sites must depend upon careful assessment of both archaeological and dendrochronological evidence.

The following notes help to explain the categories used in the presentation of data:

Site: The Laboratory has chosen, often arbitrarily, what it believes to be the most common designation of a site.

Alternate name and number: Many sites have been known by various names in the literature or in local usage. Many sites also carry two or more institutional designations. In this category, an attempt has been made to list all such alternates that have been applied to the site.

Location: Sites are located on a map (Fig. 1) as well as by a brief descriptive note. In some cases, the Laboratory records give more precise locations, particularly for recently excavated sites, but for the purposes of this report the location given was deemed sufficient. Some sites are presented with only approximate locations.

Description: Information about the site is taken from published reports and readily available knowledge. No exhaustive search to obtain unpublished notes was made.

Source of collection: The individual and/or institution, and the date of collection are listed to enable readers to assess the provenience data.

References: All known published sources for archaeological data pertaining to the site (Site Description) and the sources for previous publication of dates (Published Dates) from the site are given.

Dates: The dates are presented in chronological sequence and by provenience subgroupings when known. Catalogue numbers are given for future reference and specific identification of the dated specimens. GP indicates a Gila Pueblo catalogue number, F indicates a Museum of Northern Arizona catalogue number, and RG indicates a Laboratory of Anthropology catalogue number. All other numbers were assigned by the Laboratory of Tree-Ring Research. Every effort has been made during analysis to eliminate duplication of dates derived from the same piece of original wood. The identification of duplication has been done solely on ring characteristics except in cases where the provenience data specify duplication or for pieces that obviously fit together. The latter case is prevalent in large ruins that were sampled by more than one institution. In all cases of duplication, only one date appears in the list and the catalogue number is that of the best chronological piece.

Comment: The comments are based on the tree-ring evidence. A more sophisticated interpretation of the dates is reserved for the archaeologist who is analyzing the site as a whole.

EXPLANATION OF SYMBOLS

The symbols used with the inside date are:

- year - no pith ring present
- p - pith ring present
- fp - the curvature of the inside ring indicates that it is far from the pith
- ±p - pith ring present, but due to the difficult nature of the ring series near the center of the specimen, an exact date cannot be assigned to it. The date is obtained by counting back from the earliest dated ring.
- ± - the innermost ring is not the pith ring and an absolute date cannot be assigned to it. A ring count is involved.

The symbols used with the outside date are:

- B - bark present
- G - beetle galleries are present on the surface of the specimen
- L - a characteristic surface patination and smoothness, which develops on beams stripped of bark, is present

- c - the outermost ring is continuous around the full circumference of the specimen. This symbol is used only if a full section is present
- r - less than a full section is present, but the outermost ring is continuous around available circumference
- v - a subjective judgment that, although there is no direct evidence of the true outside on the specimen, the date is within a very few years of being a cutting date
- vv - there is no way of estimating how far the last ring is from the true outside
- + - one or more rings may be missing near the end of the ring series whose presence or absence cannot be determined because the specimen does not extend far enough to provide an adequate check
- ++ - a ring count is necessary due to the fact that beyond a certain point the specimen could not be dated

The symbols B, G, L, c and r indicate cutting dates in order of decreasing confidence, unless a + or ++ is also present.

The symbols L, G, and B may be used in any combination with each other or with the other symbols except v and vv. The r and c symbols are mutually exclusive, but may be used with L, G, B, + and ++. The v and vv are also mutually exclusive and may be used with the + and ++. The + and ++ are mutually exclusive but may be used in combination with all the other symbols.

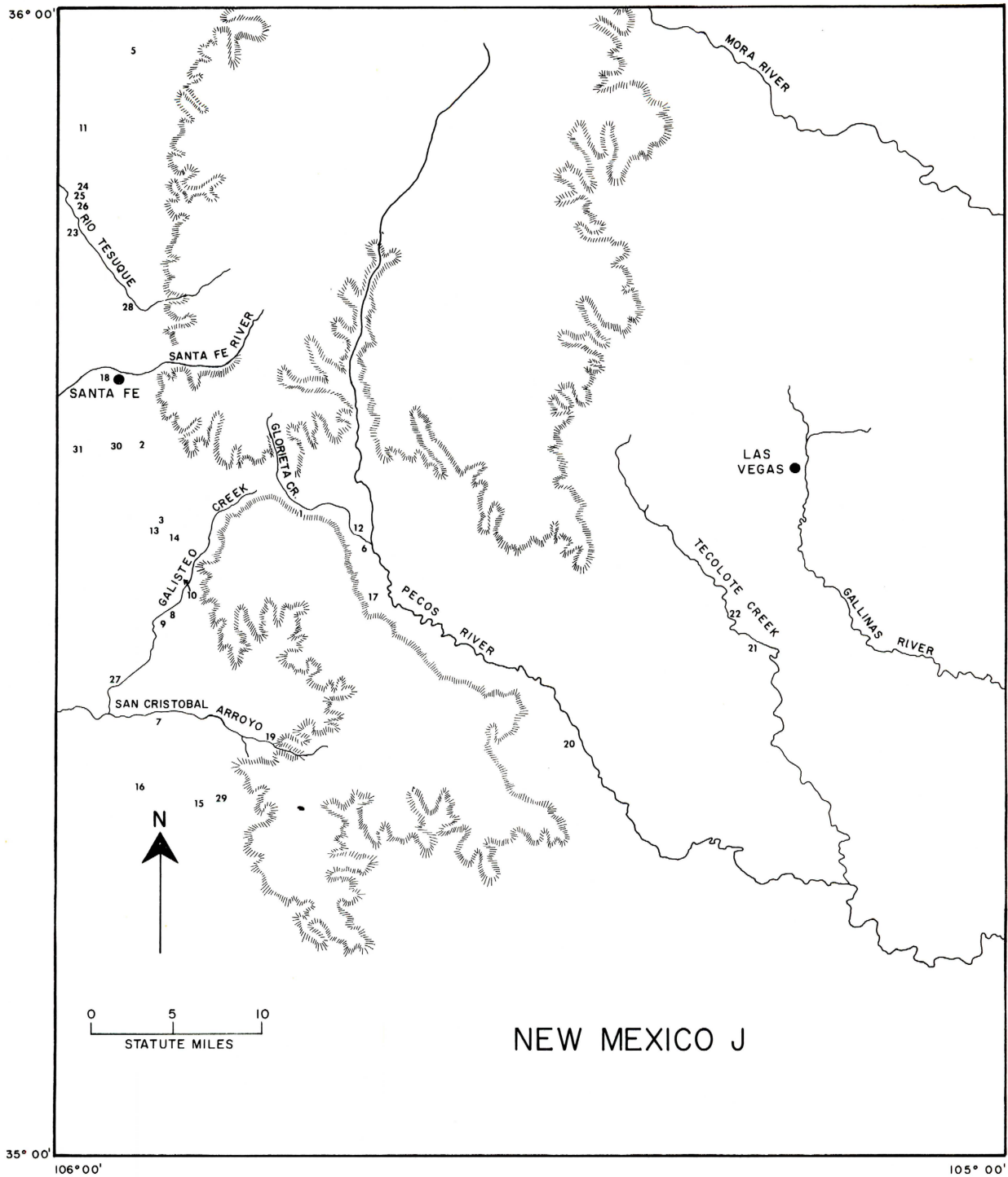


Figure 1. Location of Sites in New Mexico J

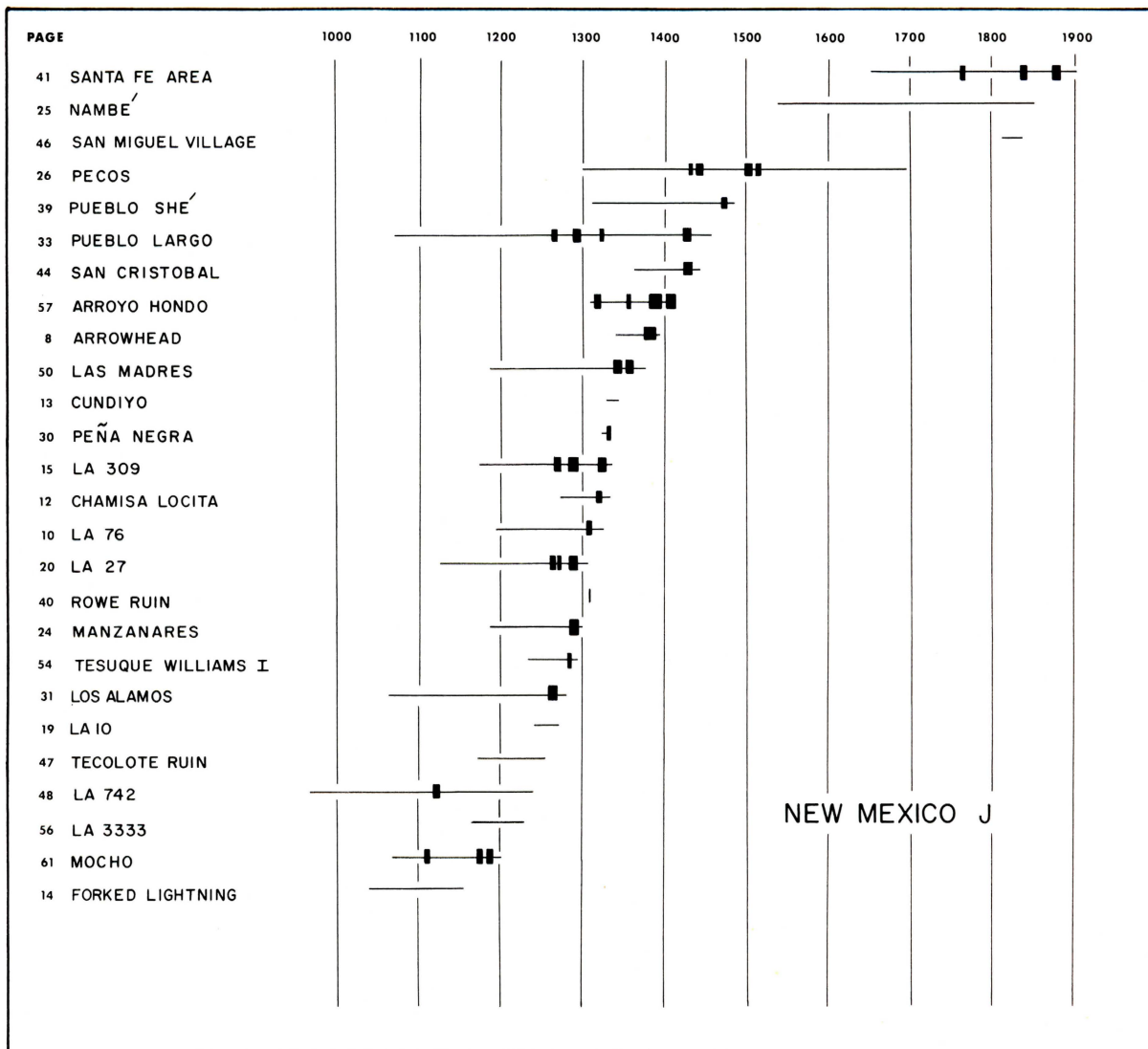


Figure 2. Sequence of Chronological Components in New Mexico J. Horizontal lines indicate range of outside dates. Narrow vertical lines indicate single outside dates. Wide vertical bars indicate substantial clusters of dates in relation to total range and number of dates.

TREE-RING DATES FROM ARCHAEOLOGICAL SITES

Arrowhead

MAP REFERENCE: J-1

ALTERNATE NAME/NUMBER: LA 251

LOCATION:

Arrowhead is on Glorieta Arroyo, one-quarter mile southeast of the Arrowhead Lodge, and two miles southeast of the town of Glorieta on U.S. 85, Santa Fe County, New Mexico.

DESCRIPTION:

The excavated portion of the site consists of at least 79 masonry rooms arranged in a quadrangle enclosing a plaza with a kiva. Surface indications suggest a similar enclosed plaza immediately to the west of the excavated portion.

SOURCE OF COLLECTION:

Tree-ring samples were collected by W.C. Holden of Texas Technological College during his excavations between 1933 and 1937.

REFERENCES:

Site Description: Holden 1955; Kidder 1958

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

Kiva

RG-437-5 1271fp - 1341+vv
RG-455-5 1348fp - 1372vv
RG-430-1 1319p - 1375v
RG-432-1-4 1320p - 1379+tr
RG-455-4 1345fp - 1385+vv
RG-453-2 1354fp - 1387vv
RG-437-4 1312p - 1388r
RG-433-2 1317p - 1389+tv
RG-439 1322p - 1389v
RG-446-2 1340p - 1389r
RG-437-3 1372p - 1389r
RG-455-3 1373 - 1390vv
RG-446-1 1340p - 1390v
RG-445-1 1358p - 1390v
RG-455-6 1362 - 1390v
RG-455-2 1338fp - 1390r

Kiva, continued

RG-455-1 1345fp - 1390r
RG-437-1 1359p - 1390r
RG-431 1365p - 1390r
RG-433-1 1365p - 1390r
RG-455-7 1368fp - 1390r
RG-449 1371p - 1390r
RG-430-2 1326fp - 1391+vv

Dump from Kiva

RG-429-5 1325p - 1375r
RG-429-10 1353p - 1388vv
RG-429-11 1334fp - 1389r
RG-429-1 1314p - 1390v
RG-429-6 1366fp - 1390v
RG-429-13 1312p - 1390r
RG-429-7 1359fp - 1390r

Arrowhead, continued

DATES: continued

NW part of Kiva

RG-442-2 1357p - 1390r
 RG-442-1 1365p - 1390r

Kiva Floor

RG-438-5 1260fp - 1386+tv
 RG-438-4 1332p - 1388vv
 RG-448-1 1336 - 1389v
 RG-438-8 1345p - 1389+tr
 RG-438-9 1354fp - 1389r
 RG-448-2 1364fp - 1390v
 RG-438-3 1319p - 1390r
 RG-438-7 1330 - 1390r
 RG-438-1 1332p - 1390r
 RG-438-6 1334p - 1390r

Kiva I

RG-435-3 1329p - 1378+tv
 RG-435-5 1334p - 1388vv
 RG-435-1 1367p - 1390r

Room 9-A-8

RG-447-3 1328p - 1366+tr
 RG-447-1 1319p - 1370v
 RG-452-1 1314p - 1370r

Room 26

RG-710 1333p - 1370v

Room 36

RG-786 1362fp - 1388vv

Room 37

RG-784-2 1344p - 1370r
 RG-744 1349 - 1392+vv

Room 42

RG-783-1 1326p - 1365vv
 RG-783-2 1334p - 1370vv
 RG-783-4 1318p - 1371r
 RG-783-3 1361fp - 1390r

No Provenience

RG-443-5 1315p - 1379vv
 RG-443-1 1330p - 1383vv
 RG-443-6 1343p - 1385v
 RG-443-2 1306p - 1388+tr

COMMENTS:

A rather short span of occupation in the last third of the 14th century for the excavated east portion of this site. The earliest cutting dates at 1370 probably represent the earliest phase of construction. Construction of the kiva is clearly placed at 1390. Proveniences labeled Kiva I and Kiva are probably the same unit.

LA 76

MAP REFERENCE: J-2

ALTERNATE NAME/NUMBER: Arroyo Hondo Ruin No. II, Arroyo Hondo-Upper Ruin

LOCATION:

LA 76 is four miles southeast of Santa Fe on Highway 84-85 about one-quarter mile east of the highway on a knoll on the north bank of Arroyo Hondo in Santa Fe County, New Mexico.

DESCRIPTION:

This is a large pueblo of 50 to 60 masonry rooms arranged in a U-shaped plan approximately 175 by 200 feet with a possible kiva in the center of the plaza.

SOURCE OF COLLECTION:

Tree-ring samples were obtained by W.S. Stallings Jr. for the Laboratory of Anthropology in 1933.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

No Provenience

RG-499-23	1091fp	-	1196vv	RG-502-1	1236p	-	1296vv
RG-499-44	1138p	-	1237vv	RG-499-13	1247fp	-	1299vv
RG-499-60	1181fp	-	1243vv	RG-499-50	1224fp	-	1301vv
RG-499-43	1145fp	-	1250vv	RG-499-66	1268	-	1301r
RG-499-28	1151p	-	1262r	RG-499-7-2	1264p	-	1302vv
RG-499-46	1206p	-	1269vv	RG-499-55	1267p	-	1303+rB
RG-499-32	1212fp	-	1271vv	RG-499-52	1231fp	-	1305vv
RG-499-40	1226fp	-	1279vv	RG-499-31	1222fp	-	1306+vv
RG-499-21	1224p	-	1280+vv	RG-499-69	1204fp	-	1306vv
RG-499-51	1207fp	-	1281vv	RG-499-65	1255	-	1306r
RG-499-42	1228fp	-	1286+vv	RG-499-30	1231p	-	1306++B
RG-499-62	1228p	-	1287vv	RG-499-14	1274fp	-	1309vv
RG-499-67	1243p	-	1287vv	RG-499-12	1243fp	-	1311v
RG-499-7-1	1258p	-	1287vv	RG-499-8	1216p	-	1311r
RG-499-64	1259p	-	1289r	RG-499-16	1238fp	-	1311rB
RG-499-37	1218fp	-	1290vv	RG-499-4	1208fp	-	1312vv
RG-499-1	1206fp	-	1292+vv	RG-499-2	1253p	-	1312r
RG-499-22	1214p	-	1294r	RG-499-41	1267p	-	1312r

LA 76, continued

DATES: continued

No Provenience, continued

RG-499-49	1278p	-	1312r	RG-499-53	1266fp	-	1314vv
RG-499-39	1284p	-	1312r	RG-499-10	1234fp	-	1318vv
RG-499-68	1257fp	-	1313vv	RG-499-57	1274fp	-	1323r
RG-499-11	1225p	-	1313r	RG-499-35	1290fp	-	1328vv

COMMENTS:

These dates suggest occupation between the mid-1200's and about 1330. Further interpretation is not possible with the limited data available.

Chamisa Locita

MAP REFERENCE: J-3

ALTERNATE NAME/NUMBER: LA 4

LOCATION:

Chamisa Locita is on the Arroyo Chamisal about eight miles southeast of Santa Fe and one-half mile west of Highway 285 in Santa Fe County, New Mexico.

DESCRIPTION:

This is a small pueblo. No other description is available.

SOURCE OF COLLECTION:

Samples were collected by W.S. Stallings Jr. for the Laboratory of Anthropology in 1933.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

No Provenience

RG-509-4	1244fp - 1270vv	RG-508-9	1286p - 1321r
RG-508-4	1280p - 1312vv	RG-508-6	1298p - 1321r
RG-509-1	1266 - 1313r	RG-509-2	1295fp - 1328+vv
RG-508-7	1280fp - 1321r	RG-508-8	1287 - 1333++vv

COMMENTS:

These dates suggest occupation in the early 14th century.

Cundiyo

MAP REFERENCE: J-5

ALTERNATE NAME/NUMBER: LA 31, Kundiyo, Hundiyo ouinge

LOCATION:

Cundiyo is on a mesa immediately west of the Rio Frijoles and northwest of the village of Cundiyo in Santa Fe County, New Mexico.

DESCRIPTION:

This is a medium-sized adobe pueblo.

SOURCE OF COLLECTION:

Tree-ring samples were collected in 1933 by W.S. Stallings Jr. of the Laboratory of Anthropology.

REFERENCES:

Site Description: Ellis 1964; Harrington 1916; Mera 1934

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

No Provenience

RG-506-3 1298fp - 1334vv
RG-506-4 1272fp - 1336vv

RG-506-1 1301p - 1337v
RG-506-2 1265fp - 1343r

COMMENTS:

A single cutting date from a poorly documented sample does not allow interpretation of the chronological parameters of this site.

Forked Lightning

MAP REFERENCE: J-6

ALTERNATE NAME/NUMBER: LA 672, Bandelier Bend

LOCATION:

Forked Lightning is on the west bank of Glorieta Creek about one-half mile below Pecos Ruin on the Forked Lightning Ranch in San Miguel County, New Mexico.

DESCRIPTION:

This is a large adobe pueblo with at least two periods of occupation. The layout of the site is unclear, but it appears to consist of rambling room aggregates surrounding small plazas. Excavations were undertaken in the East Pueblo in the 1920's.

SOURCE OF COLLECTION:

W.S. Stallings Jr. of the Laboratory of Anthropology collected tree-ring samples from the site in 1931.

REFERENCES:

Site Description: Bandelier 1881: 94-99; Kidder 1926a, 1958

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953

DATES:

No Provenience

RG-325-20	996fp - 1040vv	RG-325-1	904p - 1113+vv
RG-325-3	1011p - 1056vv	RG-325-12	1039fp - 1118+vv
RG-325-17	996p - 1089vv	RG-325-11	1046p - 1121+v
RG-325-19	1040fp - 1103+vv	RG-325-10	996fp - 1148+vv

COMMENTS:

The few dates and the lack of provenience limit the interpretation of the placement of Forked Lightning.

MAP REFERENCE: J-7

ALTERNATE NAME/NUMBER: Galisteo

LOCATION:

This site is on the south bank of San Cristobal Arroyo about five miles south of the Lamy Highway overpass in Santa Fe County, New Mexico.

DESCRIPTION:

LA 309 is a pueblo of six or more separate room clusters.

SOURCE OF COLLECTION:

Collections were made by W.S. Stallings Jr. of the Laboratory of Anthropology in 1931 and 1933.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

Room 1

RG-263-52 1171fp - 1235vv
 RG-263-57 1154p - 1241vv
 RG-263-53 1127p - 1244++vv
 RG-263-61 1155 - 1251+r
 RG-263-58 1159fp - 1253+r
 RG-263-67 1214p - 1259v
 RG-531-10 1223p - 1261vv
 RG-263-72 1194p - 1264vv
 RG-263-63 1224p - 1264r
 RG-263-55 1174fp - 1268vv
 RG-263-62 1232fp - 1268vv
 RG-263-18 1237fp - 1269r
 RG-263-50 1207fp - 1269r
 RG-263-66 1211p - 1269r
 RG-263-80 1195p - 1269r
 RG-263-79 1209p - 1274++vv
 RG-263-54 1198fp - 1275v
 RG-263-1 1208fp - 1277+r
 RG-531-8 1239 - 1277r
 RG-531-13 1242fp - 1277r
 RG-263-64 1186fp - 1282++vv
 RG-531-2 1228p - 1285++v
 RG-263-68 1196fp - 1285r

Room 1, continued

RG-263-59 1246 - 1286v
 RG-263-20 1181p - 1287r
 RG-263-75 1252p - 1289v
 RG-263-1 1069p - 1290r
 RG-531-5 1237fp - 1292r
 RG-531-9 1272 - 1292r
 RG-531-3 1245 - 1293r
 RG-531-12 1263p - 1293r
 RG-531-7 1105p - 1295vv
 RG-263-65 1222p - 1295+v
 RG-531-11 1257fp - 1295v
 RG-263-46 1264p - 1299r
 RG-263-44 1263 - 1300v
 RG-263-71 1290fp - 1306v
 RG-263-69 1272 - 1306r
 RG-263-14 1257p - 1306c
 RG-263-12 1215p - 1307r
 RG-263-2 1267p - 1308r
 RG-263-70 1273 - 1308r
 RG-531-4 1267p - 1310rB
 RG-263-60 1263 - 1311r
 RG-263-51 1200fp - 1312r
 RG-263-78 1249fp - 1312r

LA 309, continued

DATES: continued

Room 1 or Room 2

RG-532-22 1159±p - 1222vv
 RG-532-33 1155 fp - 1227++vv
 RG-532-13 1211 - 1239vv
 RG-532-24 1168p - 1245vv
 RG-532-26 1219 fp - 1265vv
 RG-532-7 1206p - 1270++vv
 RG-532-15 1250 fp - 1274vv
 RG-532-25 1191 - 1274vv
 RG-532-21 1230p - 1277vv
 RG-532-3 1226p - 1277v
 RG-532-23 1202 fp - 1277v
 RG-532-31 1240 fp - 1277r
 RG-532-32 1228p - 1277r
 RG-532-8 1198p - 1283r
 RG-532-42 1235p - 1287r
 RG-532-14 1257 fp - 1288+vv
 RG-532-30 1249 fp - 1289r
 RG-532-12 1190 fp - 1290v
 RG-532-41 1242p - 1290v
 RG-532-28 1261p - 1290r
 RG-532-38 1245p - 1290r
 RG-532-39 1246p - 1290r
 RG-532-40 1203 fp - 1290r
 RG-532-37 1251 - 1291+v
 RG-532-35 1265 - 1298vv
 RG-532-34 1261p - 1299r
 RG-532-36 1262p - 1300v
 RG-532-27 1276 fp - 1306r
 RG-532-29 1282 fp - 1308r
 RG-532-4 1281 fp - 1321v

Room 2

RG-533-2 1071 fp - 1183vv
 RG-533-53 1128 fp - 1211vv
 RG-533-7 1178 fp - 1221vv
 RG-533-54 1152 fp - 1231vv
 RG-533-47 1197 fp - 1239vv
 RG-533-6 1081 fp - 1241++vv
 RG-533-55 1168 fp - 1258++vv
 RG-533-18 1241 - 1265vv
 RG-533-57 1133 fp - 1267++vv
 RG-533 1233p - 1270vv
 RG-533-49 1244 fp - 1270vv
 RG-533-56 1125 fp - 1273+vv
 RG-533-3 1239 fp - 1275vv

Room 2, continued

RG-533-36 1240 fp - 1275vv
 RG-533-51 1235 - 1277vv
 RG-533-22 1245 fp - 1277r
 RG-533-23 1232 fp - 1277r
 RG-533-34 1228 fp - 1279vv
 RG-533-35 1233 fp - 1281vv
 RG-533-1 1230 fp - 1283vv
 RG-533-17 1245p - 1283vv
 RG-533-32 1230 - 1284vv
 RG-533-5 1204 fp - 1285vv
 RG-533-31 1252p - 1288+r
 RG-533-25 1251p - 1290vv
 RG-533-26 1253 fp - 1290vv
 RG-533-29 1246p - 1290v
 RG-533-11 1250 - 1290r
 RG-533-24 1229 - 1290r
 RG-533-27 1250p - 1290r
 RG-533-28 1264 - 1290r
 RG-533-52 1246 fp - 1291+r
 RG-533-33 1247 - 1292vv
 RG-533-30 1219 - 1293vv
 RG-533-16 1242 - 1293vv
 RG-533-19 1261 fp - 1293v
 RG-533-20 1249p - 1293r
 RG-533-21 1276 fp - 1293r
 RG-533-43 1257p - 1293r
 RG-533-46 1244 fp - 1295+v
 RG-533-44 1253 - 1296vv
 RG-533-45 1234 fp - 1296vv
 RG-533-38 1267p - 1296v
 RG-533-39 1243 fp - 1296v
 RG-533-40 1253p - 1296r
 RG-533-41 1274 fp - 1296r
 RG-533-42 1273 fp - 1296r

Room 3

RG-533-69 1095 fp - 1191vv
 RG-518-79 1152 fp - 1210vv
 RG-518-66 1166 fp - 1223vv
 RG-518-81 1162p - 1253vv
 RG-518-77 1197p - 1256vv
 RG-518-70 1180 fp - 1259vv
 RG-518-85 1228 - 1264r
 RG-518-44 1228 fp - 1265+r
 RG-518-82 1179 fp - 1266vv

LA 309, continued

DATES: continued

Room 3, continued

RG-518-62 1242p - 1271r
 RG-518-3 1180p - 1271r
 RG-518-83 1239 - 1271r
 RG-518-55 1196p - 1273+tv
 RG-518-45 1197p - 1276r
 RG-522 1199p - 1276+tc
 RG-518-18 1235 - 1277vv
 RG-518-60 1225p - 1278+tv
 RG-518-49 1229p - 1278r
 RG-518-58 1237p - 1279+tr
 RG-518-84 1244 - 1283v
 RG-518-57 1223fp - 1284r
 RG-518-71 1210p - 1285+vv
 RG-518-5 1167fp - 1285r
 RG-518-80 1173fp - 1285r
 RG-518-63 1229fp - 1287v
 RG-518-20 1241fp - 1287+tr
 RG-518-86 1207fp - 1287r
 RG-518-87 1159p - 1287r
 RG-518-88 1180 - 1287r
 RG-518-89 1222 - 1287r
 RG-518-15 1238p - 1292r
 RG-518-36 1208fp - 1293r
 RG-518-47 1249p - 1293r
 RG-521 1121±p - 1294+tc
 RG-518-74 1220p - 1296v
 RG-518-37 1244p - 1296r
 RG-518-41 1265p - 1296r
 RG-518-42 1230p - 1296r
 RG-518-51 1260p - 1296r
 RG-518-78 1275p - 1296r
 RG-518-50 1167fp - 1297r
 RG-518-40 1277 - 1306v
 RG-518-2 1194p - 1306r
 RG-518-48 1283p - 1308r
 RG-518-38 1270p - 1310r
 RG-518-46 1273p - 1320r
 RG-518-75 1272p - 1330rB

Room 4

RG-523-33 1123fp - 1237vv
 RG-525 1114p - 1257vv
 RG-523-34 1129p - 1259+vv
 RG-523-31 1173p - 1267vv
 RG-523-32 1196p - 1267vv
 RG-523-11 1226p - 1268r
 RG-523-16 1213fp - 1268r
 RG-523-4 1211fp - 1271r

Room 4, continued

RG-523-8 1225p - 1271r
 RG-523-18 1190p - 1271r
 RG-523-22 1197p - 1271r
 RG-523-24 1240p - 1271r
 RG-523-28 1209fp - 1271r
 RG-523-29 1223p - 1271r
 RG-530-2 1242 - 1271r
 RG-530-1 1232p - 1271c
 RG-523-7 1234fp - 1278+tr
 RG-523-6 1182p - 1279+vv
 RG-523-1 1172p - 1279+tr
 RG-524 1168p - 1280+vv
 RG-523-21 1250fp - 1280r
 RG-523-20 1232fp - 1282r
 RG-523-26 1240p - 1282r
 RG-523-23 1236p - 1284r
 RG-523-9 1235fp - 1284r
 RG-523-2 1169p - 1294+tr
 RG-523-17 1202fp - 1295vv
 RG-527 1155p - 1295r
 RG-523-19 1241fp - 1296r
 RG-523-35 1250fp - 1320vv
 RG-523-25 1265p - 1326r

Room 101

RG-516-35 1171fp - 1279+vv
 RG-516-17 1265p - 1306r
 RG-516-28 1265p - 1306r
 RG-516-34 1261 - 1306r
 RG-516-14 1255±p - 1312r
 RG-516-16 1267p - 1312rB
 RG-516-9 1261p - 1318r
 RG-516-6 1276p - 1318c
 RG-516-5 1275p - 1321vv
 RG-516-11 1269p - 1324v
 RG-516-13 1290p - 1324r
 RG-516-29 1270p - 1324r
 RG-516-19 1274p - 1324r
 RG-516-3 1281p - 1325vv
 RG-516-7 1260p - 1326r
 RG-516-8 1306fp - 1327r
 RG-516-27 1298p - 1330r
 RG-516-26 1291p - 1330c
 RG-516-24 1292p - 1330rB
 RG-516-32 1277fp - 1330rB
 RG-516-2 1268p - 1330cB
 RG-516-21 1308p - 1331c
 RG-516-22 1298p - 1332r

LA 309, continued

DATES: continued

Room 3 or Room 101

RG-517-8 1231p - 1264r
 RG-517-7 1228 - 1268vv
 RG-517-26 1234p - 1271v
 RG-517-3 1203fp - 1271r
 RG-517-6 1233p - 1271r
 RG-517-16 1237fp - 1271r
 RG-517-34 1230 - 1272r
 RG-517-24 1225p - 1276r
 RG-517-33 1196fp - 1277r
 RG-517-9 1234fp - 1279r
 RG-517-23 1223fp - 1283vv
 RG-517-20 1247p - 1285r
 RG-517-14 1239fp - 1286+r
 RG-517-11 1261p - 1287vv
 RG-517-15 1238fp - 1287v
 RG-517-21 1251fp - 1293+r
 RG-517-2 1161fp - 1294+r
 RG-517-25 1269p - 1296+r
 RG-517-30 1266p - 1296r
 RG-517-27 1244p - 1297+v
 RG-517-1 1278p - 1306r
 RG-517-10 1280p - 1306r
 RG-517-22 1266p - 1306r
 RG-517-29 1259 - 1306r
 RG-517-5 1271p - 1321vv
 RG-517-17 1243p - 1330r
 RG-517-4 1284fp - 1330rB
 RG-517-19 1274p - 1333r

North Trench

RG-535-3 1125fp - 1189+vv
 RG-535-11 1175fp - 1210vv
 RG-534-8 1180fp - 1237vv
 RG-534-9 1198fp - 1240vv
 RG-534-7 1191fp - 1253vv
 RG-534-10 1211fp - 1261vv
 RG-535-2 1237fp - 1264r
 RG-535-4 1229fp - 1273vv
 RG-535-7 1222fp - 1273vv
 RG-535-5 1196fp - 1285vv
 RG-535-1 1268fp - 1311r

COMMENTS:

The dates place occupation of the site to range from the 1260's to the mid 1300's. The numerous specimens are all small charcoal fragments and may not entirely represent construction material. The numerous clusters of cutting dates in most of the proveniences suggest considerable prehistoric mixing of material either through use as refuse area or from collapse of upper stories. They do not necessarily indicate successive reconstructions or modifications.

LA 10

MAP REFERENCE: J-8

ALTERNATE NAME/NUMBER: None known

LOCATION:

LA 10 is one-half mile southwest of Lamy on the east bank of the Galisteo Creek in Santa Fe County, New Mexico.

DESCRIPTION:

This site is a small pueblo.

SOURCE OF COLLECTION:

Tree-ring samples were collected by W.S. Stallings Jr. for the Laboratory of Anthropology in 1933.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

Frank's Room

RG-621-7	1200fp - 1241vv	RG-621-8	1202fp - 1264vv
RG-621-1	1194p - 1250vv	RG-621-5	1245fp - 1266vv
RG-621-2	1241fp - 1260vv	RG-621-6	1239fp - 1275vv

COMMENTS:

Occupation is suggested in the middle to late 13th century.

MAP REFERENCE: J-9

ALTERNATE NAME/NUMBER: None known

LOCATION:

LA 27 is one mile southwest of Lamy on a knoll on the south side of the Lamy-Encino highway in Santa Fe County, New Mexico.

DESCRIPTION:

This site is a small pueblo.

SOURCE OF COLLECTION:

Samples were collected by W.S. Stallings Jr. in 1931 and 1933 for the Laboratory of Anthropology.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

Room at NE End

RG-260-1 1249fp - 1300r

SE Side

RG-262-19 1160 - 1193vv
 RG-262-21 1165fp - 1201vv
 RG-262-30 1169fp - 1206vv
 RG-262-31 1161fp - 1216vv
 RG-262-36 1173fp - 1216vv
 RG-262-32 1176p - 1225vv
 RG-262-34 1163p - 1227+vv
 RG-262-22 1176fp - 1232vv
 RG-262-24 1180p - 1242vv
 RG-262-9 1171fp - 1261+vv
 RG-262-23 1229p - 1262+r
 RG-262-46 1150±fp- 1282+vv
 RG-262-16 1252fp - 1293r
 RG-262-17 1268fp - 1294r
 RG-262-2 1268p - 1294r
 RG-262-26 1240fp - 1297v
 RG-262-15 1259fp - 1297r
 RG-262-8 1275 - 1297r

SE Side, continued

RG-262-37 1223 - 1298vv
 RG-262-20 1259fp - 1298v
 RG-262-7 1240p - 1298r
 RG-262-6 1249fp - 1298r
 RG-262-3 1261p - 1298r
 RG-262-4 1265 - 1298r
 RG-262-1 1267p - 1298r
 RG-262-5 1271 - 1298r
 RG-262-38 1220fp - 1299vv
 RG-262-13 1230fp - 1309vv
 RG-262-18 1231fp - 1311vv

Center Group of Rooms

RG-261-15 1022 - 1123vv
 RG-261-22 1031fp - 1154vv
 RG-261-21 1111p - 1171vv
 RG-261-23 1121 - 1171vv
 RG-261-25 1136 - 1171vv
 RG-261-96 1152fp - 1186+vv
 RG-261-20 1161fp - 1200r
 RG-261-44 1134fp - 1201vv

LA 27, continued

DATES: continued

Center Group of Rooms, continued

RG-261-34	1129	-	1230vv
RG-261-24	1164	-	1232vv
RG-261-11	1162fp	-	1241vv
RG-261-13	1187fp	-	1247vv
RG-261-14	1212p	-	1252vv
RG-261-43	1202fp	-	1260vv
RG-261-45	1222p	-	1261v
RG-261-68	1216fp	-	1261r
RG-261-67	1213p	-	1262vv
RG-261-63	1209p	-	1267vv
RG-261-74	1240fp	-	1268vv
RG-261-50	1238p	-	1269r
RG-261-66	1211fp	-	1270vv
RG-261-79	1222fp	-	1270vv
RG-261-61	1218	-	1271vv
RG-261-16	1244	-	1271r
RG-261-26	1224fp	-	1272+vv
RG-261-80	1200fp	-	1272vv
RG-261-18	1226fp	-	1272vv
RG-261-69	1202fp	-	1276vv
RG-261-81	1234fp	-	1277vv
RG-261-46	1231p	-	1279vv
RG-261-48	1201fp	-	1281+++vv
RG-261-17	1222fp	-	1283vv
RG-261-82	1229p	-	1283vv
RG-261-70	1185fp	-	1285vv
RG-261-1	1149	-	1286+vv
RG-261-73	1233fp	-	1286vv
RG-261-7	1212p	-	1286+r
RG-261-9	1128fp	-	1287+++vv
RG-261-71	1187fp	-	1287vv
RG-261-93	1215fp	-	1287vv
RG-261-65	1219fp	-	1287vv
RG-261-42	1232fp	-	1287vv
RG-261-75	1243fp	-	1289+r
RG-261-64	1243fp	-	1290vv
RG-261-77	1255fp	-	1290vv
RG-261-52	1259fp	-	1290vv
RG-261-47	1265fp	-	1290vv
RG-261-76	1215fp	-	1290v
RG-261-10	1237fp	-	1290+r
RG-261-51	1236p	-	1290r
RG-261-78	1239fp	-	1291vv
RG-261-2	1190fp	-	1291+++v
RG-261-83	1228fp	-	1292vv
RG-261-4	1230fp	-	1292vv
RG-261-89	1219fp	-	1293vv

Center Group of Rooms, continued

RG-261-41	1229p	-	1293vv
RG-261-29	1267p	-	1293vv
RG-261-86	1207±p	-	1293v
RG-261-90	1260	-	1293r
RG-261-88	1269p	-	1293r
RG-261-87	1249p	-	1294vv
RG-261-37	1236p	-	1294r
RG-261-92	1246fp	-	1294r
RG-261-38	1257p	-	1294r
RG-261-91	1267p	-	1294r
RG-261-84	1266	-	1295vv
RG-261-53	1268fp	-	1295vv
RG-261-35	1250fp	-	1296vv
RG-261-72	1239fp	-	1296v
RG-261-12	1243p	-	1296v
RG-261-39	1252fp	-	1296v
RG-261-85	1259p	-	1296v
RG-261-30	1231p	-	1296r
RG-261-36	1239fp	-	1296r
RG-261-31	1242fp	-	1296r
RG-261-27	1245p	-	1296r
RG-261-40	1261fp	-	1296r
RG-261-29	1262	-	1296r
RG-261-33	1267p	-	1296r
RG-261-32	1268	-	1296r
RG-261-28	1279	-	1296r
RG-261-59	1244fp	-	1297vv
RG-261-55	1266fp	-	1299v
RG-261-60	1230fp	-	1300vv
RG-261-56	1240p	-	1301vv
RG-261-54	1244fp	-	1301vv
RG-261-57	1244	-	1301vv
RG-261-100	1272p	-	1302v
RG-261-19	1235	-	1305vv
RG-261-58	1237p	-	1307vv

Room 8

RG-513-44	1117fp	-	1181r
RG-513-46	1106fp	-	1195r
RG-513-49	1155p	-	1209+vv
RG-513-48	1142fp	-	1214vv
RG-513-42	1154p	-	1228vv
RG-513-57	1158p	-	1230vv
RG-513-59	1193p	-	1230vv
RG-513-82	1178fp	-	1230v
RG-513-85	1164p	-	1232vv

LA 27, continued

DATES: continued

Room 8, continued

RG-513-88	1168	-	1233vv
RG-513-77	1164	-	1236vv
RG-513-89	1124p	-	1244vv
RG-513-81	1159	-	1247vv
RG-513-41	1149fp	-	1255vv
RG-513-86	1209p	-	1260r
RG-513-87	1161	-	1262vv
RG-513-45	1171fp	-	1262vv
RG-513-83	1185	-	1264+r
RG-513-91	1178fp	-	1265vv
RG-513-4	1208p	-	1266+r
RG-513-6	1211p	-	1267r
RG-513-26	1222p	-	1267r
RG-513-29	1224p	-	1267r
RG-513-20	1229p	-	1267r
RG-513-17	1230p	-	1267r
RG-513-2	1230	-	1267r
RG-513-3	1235p	-	1267r
RG-513-58	1253	-	1267r
RG-513-92	1210fp	-	1268vv
RG-513-62	1150±p	-	1270r
RG-513-90	1153±p	-	1270r
RG-513-14	1192p	-	1270r
RG-513-84	1201p	-	1270r
RG-513-2	1203p	-	1270r
RG-513-18	1211	-	1270r
RG-513-33	1185p	-	1270r
RG-513-65	1204p	-	1274vv
RG-513-60	1242fp	-	1284vv
RG-513-8	1240	-	1289r
RG-513-51	1229	-	1292vv
RG-513-9	1240p	-	1293r
RG-513-10	1260p	-	1293r
RG-513-73	1226p	-	1294++vv
RG-513-1	1244p	-	1294r
RG-513-16	1253fp	-	1294r
RG-513-78	1261fp	-	1294r
RG-513-39	1268p	-	1294r
RG-513-79	1191	-	1295vv
RG-513-38	1243	-	1297r
RG-513-40	1241p	-	1298vv
RG-513-75	1236p	-	1298vv
RG-513-68	1261p	-	1298v
RG-513-55	1226	-	1298r
RG-513-56	1237±p	-	1298r
RG-513-61	1239fp	-	1298r
RG-513-10	1241p	-	1298r

Room 8, continued

RG-513-5	1261p	-	1298r
RG-513-37	1264fp	-	1298r
RG-513-80	1274fp	-	1298r
RG-513-30	1247	-	1299r
RG-513-28	1270p	-	1299r
RG-513-63	1170p	-	1300vv
RG-513-72	1196	-	1300vv
RG-513-11	1274	-	1306r
RG-513-52	1228	-	1308vv
RG-513-47	1242fp	-	1311v
RG-513-50	1224p	-	1311rB
RG-513-53	1209fp	-	1312rB
RG-513-71	1243p	-	1313v

Rooms 4, 5, or 6

RG-514-19	1184fp	-	1228vv
RG-513-1	1208p	-	1266vv
RG-514-12	1244fp	-	1269vv
RG-514-15	1152p	-	1270vv
RG-514-1	1237p	-	1271r
RG-515-9	1228fp	-	1274r
RG-515-4	1209	-	1281+vv
RG-515-7	1234fp	-	1281vv
RG-514-18	1217	-	1283vv
RG-514-14	1239fp	-	1287+r
RG-514-6	1254p	-	1289+vv
RG-514-2	1203fp	-	1289vv
RG-514-20	1229fp	-	1292vv
RG-514-5	1255	-	1292r
RG-514-3	1254p	-	1292c
RG-515-5	1247p	-	1293vv
RG-514-9	1250fp	-	1294r
RG-514-17	1262fp	-	1296r
RG-514-7	1270p	-	1296r
RG-514-16	1209fp	-	1298vv
RG-515-6	1219fp	-	1298vv
RG-514-11	1253fp	-	1299r
RG-514-8	1252p	-	1302vv
RG-514-10	1249fp	-	1302v
RG-515-10	1253fp	-	1308vv
RG-515-3	1228p	-	1310rB
RG-515-4	1232	-	1311v
RG-515-2	1256	-	1312v

COMMENTS:

These tree-ring samples are all small charcoal fragments and may not necessarily represent construction materials. The dates indicate occupation spanning just over a century between the late 12th and early 14th centuries. Clusters of cutting dates in the middle and late 1290's from the Center Group of Rooms and from the southeast side may represent construction activity. Room 8 has clusters of cutting dates at 1267, 1270, 1294, and 1298-99. Assuming these samples represent construction, it might be suggested that Room 8 was constructed in the early 14th century with materials borrowed from abandoned rooms. Other single cutting dates are scattered through the entire range of the site's occupation. These interpretations must be considered rather tenuous since the samples are small fragments of unknown function and the proveniences are imprecise.

Manzanares

MAP REFERENCE: J-10

ALTERNATE NAME/NUMBER: LA 1104

LOCATION:

This site is on the north bank of Galisteo Creek about one and one-half miles east of the Lamy railroad station, Santa Fe County, New Mexico.

DESCRIPTION:

Manzanares is a small pueblo.

SOURCE OF COLLECTION:

Tree-ring samples were collected by W.S. Stallings Jr. for the Laboratory of Anthropology in 1933.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

Upper Room

RG-512-1 1136fp - 1188vv
RG-512-3 1156p - 1196vv

Lower Room

RG-510-21 1120 - 1233++vv
RG-510-19 1236p - 1276vv
RG-510-16 1243 - 1277vv
RG-510-17 1244 - 1277vv
RG-510-10 1204fp - 1278+vv
RG-510-4 1225p - 1278r

Lower Room, continued

RG-510-20 1117 - 1281vv
RG-510-2 1230p - 1295r
RG-510-11 1244 - 1295r
RG-510-13 1250 - 1295r
RG-510-9 1251 - 1295r
RG-510-12 1252 - 1295r
RG-510-6 1260p - 1295r
RG-510-5 1270p - 1295r
RG-510-15 1275 - 1295r
RG-510-18 1227p - 1301vv
RG-510-7 1248±p - 1301r

COMMENTS:

The Upper Room may date to about the beginning of the 13th century, while the Lower Room reveals a good cluster of cutting dates at 1295 suggesting construction in that year with repairs a few years later.

Nambé

MAP REFERENCE: J-11

ALTERNATE NAME/NUMBER: LA 17, San Francisco de Nambé

LOCATION:

Nambé Pueblo is on the north bank of the Nambé River 16 miles north of Santa Fe in Santa Fe County, New Mexico.

DESCRIPTION:

Nambé is a small Tewa pueblo founded about 1350 and occupied continuously since then. It presently consists of several house clusters surrounding a plaza with a single kiva to one side of the plaza. A church is located at the southwest edge of the pueblo, but is not the original church constructed in 1725.

SOURCE OF COLLECTION:

Tree-ring samples were collected by the First Beam Expedition in 1923.

REFERENCES:

Site Description: Adams and Chavez 1956; Harrington 1916;
Ellis 1964; Kubler 1940; Stubbs 1950

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

Kiva		Mission	
BE-79	1610p - 1850v	BE-76	1433 - 1535vv
		BE-78	1431 - 1712+vv
		BE-80	1615p - 1850+v

COMMENTS:

A single date from the kiva is an inadequate sample, but suggests either construction or repair of that structure in the last half of the 19th century. The two earlier dates from the mission were collected from the 18th century beams now in the Cassidy House in Santa Fe. The third and later date of 1850 was apparently collected from the existing church at Nambé.

Pecos

MAP REFERENCE: J-12

ALTERNATE NAME/NUMBER: LA 625, Pecos Mission, Lost Church, Nuestra Señora de los Angeles de Porcinucula

LOCATION:

Pecos Pueblo is on a low mesa on the east side of Glorieta Arroyo about one mile above its junction with the Pecos River and about 20 miles southeast of Santa Fe in San Miguel County, New Mexico.

DESCRIPTION:

The site consists of three main clusters of architecture constructed on a long low mesa and enclosed by a low stone wall. The largest of these units is the Quadrangle consisting of a four-sided multistoried masonry pueblo constructed around a large courtyard and is the northermost of the three units. South of this is a rectangular multistoried cluster of masonry rooms called the South Pueblo and farther to the south is the mission, convent and chapel. The remains of earlier architecture were located beneath some of the refuse areas.

SOURCE OF COLLECTION:

A.V. Kidder made the earliest collections of tree-ring samples during his excavations in the 1920's. In 1940 Marjorie Lambert and Deric O'Brian obtained samples for Gila Pueblo, and in 1956 Stanley Stubbs collected samples for the Laboratory of Anthropology.

REFERENCES:

Site Description: Bandelier 1881; Hewett 1904; Kidder 1916, 1917, 1924, 1925, 1926b, 1958; Stubbs, Ellis, and Dittert 1957

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1933, 1937

DATES:

Room 5

RG-2592 1391fp - 1427vv
RG-2591 1408p - 1468vv

Room 7

RG-2588 1416p - 1476vv
RG-2574 1439p - 1487+vv
RG-2575 1414p - 1488vv
RG-2585 1489p - 1613vv

Room 26

KL-14 1373p - 1434rL
KL-13 1392p - 1434c
KL-5 1426p - 1589vv

Room 30

KL-12 1377p - 1434c
KL-10 1379p - 1434c

Pecos, continued

DATES: continued

Room 52

GP-2399 1608p - 1673vv

Room 102

KL-25/5 1349p - 1433c
KL-25/4 1352p - 1434c

Room 106-107

KL-25/1 1412p - 1443c
KL-25/2 1403p - 1444cL

Room C-C8A

RG-86 1393p - 1434c
RG-91 1413p - 1440c

Room C-C11

RG-82 1374p - 1433r
RG-83 1362p - 1433c

Room C-C22

RG-100 1392p - 1444r
RG-75 1411p - 1444r
RG-99 1328p - 1444c
RG-102 1393p - 1448cL

Room C-C23

KL-25/6 1390p - 1434c

Room C-C7

KL-25/8 1379p - 1435r

Room C-C29

KL-25/7 1389p - 1435r

Room C-C34

RG-103 1367p - 1447v

Room C-C28

RG-89 1397p - 1447r

Room C-C78

RG-101 1374p - 1443v
KL-25/10 1380p - 1444c

Room E-10

KL-21/1 1403p - 1496++r

Room E-11

KL-29/15 1327p - 1367vv
KL-29/18 1351 - 1401vv
KL-29/19 1367p - 1401vv
KL-29/16 1355 - 1408vv
KL-29/8 1365p - 1485++v
KL-29/5 1381p - 1490++c
KL-29/17 1403p - 1495+v
KL-29/7 1427p - 1495+cL
KL-29/12 1435p - 1501v
KL-29/14 1441p - 1501v
KL-29/13 1471p - 1501r
KL-29/2 1443p - 1501rL
KL-29/10 1448p - 1501c
KL-29/3 1454p - 1501c
KL-29/4 1460p - 1501c
KL-29/6 1436p - 1515c

Room K-107

RG-105 1404p - 1443r
RG-72 1397 - 1444v
RG-70 1411p - 1444v
RG-71 1420p - 1444v
RG-73 1408p - 1444r
RG-74 1400p - 1444c

Room 37-0

KL-25/13 1326p - 1354c
KL-25/12 1578p - 1634vv

Connie's Room

DL-26 1357p - 1448++v
DL-21 1356p - 1485++v
DL-25 1282 - 1486vv
DL-20 1390p - 1494v
DL-24 1439p - 1513r
DL-23 1486p - 1513c

Pecos, continued

DATES: continued

N of Connie's Room			Mid-ruin		
DL-31	1449p	- 1510+v	DL-14	1380p	- 1435r
DL-28	1455p	- 1511v	DL-16	1390p	- 1435r
DL-29	1462p	- 1514v	DL-13	1354p	- 1438+v
DL-30	1466p	- 1514v	DL-12	1393p	- 1439r
DL-32	1449p	- 1514v			
Kiva			Balcony		
RG-2571	1402p	- 1587++vv	KL-25/15	1370p	- 1558vv
East Side			Guardhouse		
RG-117	1486p	- 1513c	KL-25/3	1333p	- 1552vv
			DL-19	1310p	- 1354vv
			DL-18	1317p	- 1358c
West Side			N of Mission		
DL-2	1311p	- 1348c	RG-80	1378p	- 1415++v
KL-25/27	1390p	- 1434v	RG-81	1379p	- 1420v
RG-112	1405p	- 1434r	RG-76	1382p	- 1427rL
KL-25/26	1458p	- 1501vv	RG-90	1380p	- 1434r
SW Corner			Mission		
RG-111	1244p	- 1299r	GP-2392	1279p	- 1378vv
RG-381	1237p	- 1299c	GP-2394	1321p	- 1393vv
NW Corner			PEC-2	1342 fp	- 1453vv
DL-39	1321p	- 1348r	GP-2395	1358p	- 1458vv
North Side			KL-6	1309p	- 1468vv
RG-388	1388p	- 1434c	GP-2397	1410p	- 1492vv
RG-2578	1371p	- 1459v	GP-2391	1389p	- 1511vv
RG-2577	1446p	- 1512c	KL-8	1301p	- 1513vv
RG-2576	1481p	- 1513r	GP-2389	1435p	- 1520vv
DL-3	1506p	- 1558v	KL-25/16	1358p	- 1533vv
RG-382	1584p	- 1669vv	RG-46	1439 fp	- 1536vv
DL-4	1584p	- 1678vv	KL-25/19	1353p	- 1539+vv
Main Quadrangle			KL-7	1434p	- 1543vv
DL-36	1568p	- 1612v	GP-2645	1466 fp	- 1543vv
			GP-2393	1488p	- 1543vv
			KL-25/18	1358p	- 1554vv
			GP-2396	1538p	- 1607vv
			GP-2390	1522p	- 1610vv
			RG-323	1532p	- 1635vv

Pecos, continued

DATES: continued

Mission, continued

KL-25/17	1548p	-	1649vv
KL-25/23	1572p	-	1649vv
KL-25/25	1607p	-	1653vv
KL-25/21	1547p	-	1657vv
KL-25/24	1531p	-	1679vv
KL-25/20	1499p	-	1690vv
KL-25/22	1583p	-	1695vv

No Provenience

RG-77	1388p	-	1427r
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COMMENTS:

The tree-ring dates cover a period from about 1300 to 1700. The historical occupation of Pecos lasted until 1838 when it was permanently abandoned. The only good clusters of cutting dates suggesting construction are from Room C-C11 at 1433, Room 30 at 1434, Room C-C22 at 1444, Room E-11 at 1501, and Connie's Room at 1513. The disparity in cutting dates in some of the proveniences suggests either considerable mixing of deposits or the reuse of timbers in later rooms. The absence of cutting dates from the mission is probably due to the trimming and shaping of the beams used in its construction.

Peña Negra

MAP REFERENCE: J-13

ALTERNATE NAME/NUMBER: LA 235

LOCATION:

The site is eight miles southeast of Santa Fe and one-quarter mile south of Cañada de los Alamos road in Santa Fe County, New Mexico.

DESCRIPTION:

Peña Negra is a small pueblo.

SOURCE OF COLLECTION:

Tree-ring samples were obtained by W.S. Stallings Jr. of the Laboratory of Anthropology in 1935.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

No Provenience

RG-702-13	1287fp	-	1327vv
RG-699	1290p	-	1335+r
RG-698	1266	-	1336vv
RG-700	1262fp	-	1336v
RG-702-1	1225fp	-	1336rB

COMMENTS:

The dates come from charcoal fragments which may not represent construction materials. A single cutting date at 1336 and the several non-cutting dates suggest occupation sometime in the first half of the 14th century. However, these few dates without known provenience are unreliable for use in interpreting the chronological parameters of the site.

Los Alamos

MAP REFERENCE: J-14

ALTERNATE NAME/NUMBER: LA 8, Pueblo Alamo, Alamo

LOCATION:

This site is about 10 miles south of Santa Fe on a long knoll about 300 feet southwest of the junction of Highways 285 and 84-85 in Santa Fe County, New Mexico.

DESCRIPTION:

Los Alamos is a medium-sized adobe pueblo of 40 to 60 rooms covering an area approximately 500 by 80 feet.

SOURCE OF COLLECTION:

Samples were collected from test pits by W.S. Stallings, Jr. of the Laboratory of Anthropology in 1931 and 1933.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

No Provenience

RG-259-3	1001fp	-	1061vv	RG-258-1	1213	-	1253vv
RG-259-5	1066fp	-	1109vv	RG-258-7	1209p	-	1255vv
RG-257-2	1137p	-	1193vv	RG-258-5	1197fp	-	1255++r
RG-257-15	1162fp	-	1202vv	RG-256-9	1209	-	1256+r
RG-259-4	1140p	-	1204vv	RG-256-17	1211p	-	1256r
RG-258-2	1162fp	-	1210vv	RG-258-3	1218	-	1261+r
RG-257-14	1171fp	-	1210vv	RG-504-3	1219p	-	1261r
RG-503-9	1173fp	-	1211vv	RG-258-6	1208fp	-	1261r
RG-503-6	1159fp	-	1215vv	RG-504-1	1219p	-	1261r
RG-257-8	1171fp	-	1215vv	RG-258-4	1227fp	-	1261r
RG-256-7	1181fp	-	1230vv	RG-504-2	1237p	-	1261r
RG-503-17	1190p	-	1237vv	RG-257-16	1220	-	1262vv
RG-256-10	1184fp	-	1239vv	RG-258-9	1228fp	-	1262vv
RG-503-14	1162fp	-	1241++vv	RG-258-12	1205p	-	1262v
RG-503-21	1189fp	-	1241vv	RG-256-15	1223p	-	1262+r
RG-503-20	1145p	-	1242vv	RG-258-13	1229	-	1262r
RG-257-9	1183p	-	1243v	RG-258-8	1229p	-	1262r
RG-257-4	1165fp	-	1244v	RG-258-11	1230p	-	1262r
RG-503-5	1203fp	-	1244r	RG-258-10	1234	-	1262r
RG-256-1	1163p	-	1247++r	RG-256-12	1194fp	-	1263r

Los Alamos, continued

DATES: continued

No Provenience, continued

RG-256-3	1195p	-	1263r	RG-503-12	1171fp	-	1267vv
RG-256-21	1218	-	1263r	RG-503-4	1192p	-	1268vv
RG-256-20	1227p	-	1263r	RG-503-11	1233fp	-	1268vv
RG-256-16	1229	-	1263r	RG-503-16	1178fp	-	1275vv
RG-256-19	1230p	-	1263r	RG-256-11	1237	-	1283vv
RG-256-18	1237fp	-	1263r	RG-256-5	1239fp	-	1284vv

COMMENTS:

The dates are all from charcoal fragments and may not be from construction material. There is a good cluster of cutting dates at 1261-1263, however the small sample size and lack of provenience data make interpretation difficult.

Pueblo Largo

MAP REFERENCE: J-15

ALTERNATE NAME/NUMBER: LA 183

LOCATION:

This ruin is in the Galisteo Basin on the edge of a mesa overlooking the Cañada Estacada about 30 miles south of Santa Fe in Santa Fe County, New Mexico.

DESCRIPTION:

Pueblo Largo consists of six masonry house blocks containing an estimated 489 ground floor rooms and several kiva depressions.

SOURCE OF COLLECTION:

Samples were obtained by W.S. Stallings Jr. of the Laboratory of Anthropology in 1931 and 1933. Later, more extensive collections were made by B. Dutton of the Laboratory of Anthropology between 1951 and 1956.

REFERENCES:

Site Description: Dutton 1951, 1952, 1953; Mera 1940; Nelson 1914

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

Bldg. IV, Room 1

RG-271-42 1162fp - 1222vv
RG-271-25 1311fp - 1353vv
RG-271-27 1296fp - 1360+vv
RG-271-9 1305fp - 1373vv
RG-271-13 1300 - 1392vv
RG-271-23 1332fp - 1402vv
RG-271-24 1358p - 1404vv
RG-271-17 1243fp - 1412r
RG-271-47 1388p - 1414vv
RG-271-18 1359fp - 1414v
RG-271-36 1379fp - 1418vv
RG-271-33 1348 - 1426+r
RG-271-22 1387p - 1426r
RG-271-40 1394 - 1429+r
RG-271-15 1387p - 1430v
RG-271-30 1388p - 1430v
RG-271-29 1343p - 1430+r

Bldg. IV, Room 1, continued

RG-271-12 1350fp - 1430+r
RG-271-39 1398 - 1430r
RG-271-16 1390p - 1430r
RG-271-10 1402 - 1430r
RG-271-49 1395p - 1431v
RG-271-54 1411fp - 1431v
RG-271-35 1383 - 1431+r
RG-271-41 1402fp - 1431+r
RG-271-34 1376 - 1431r
RG-271-38 1387 - 1431r
RG-271-32 1390p - 1431r
RG-271-2 1290fp - 1433r
RG-271-20 1387fp - 1435r
RG-271-14 1393fp - 1436vv
RG-271-31 1406fp - 1436v
RG-271-37 1410fp - 1436r

Pueblo Largo, continued

DATES: continued

N of Room 1, Bldg. IV

RG-493-11 1121 - 1257vv
 RG-493-54 1123fp - 1292vv
 RG-2556 1210p - 1295r
 RG-493-6 1141fp - 1298vv
 RG-493-38 1251fp - 1305vv
 RG-493-17 1255p - 1314vv
 RG-493-27 1153fp - 1318vv
 RG-493-31 1255fp - 1344vv
 RG-493-44 1289fp - 1354vv
 RG-493-75 1295 - 1354vv
 RG-493-86 1296p - 1355vv
 RG-493-78 1304fp - 1356vv
 RG-493-87 1293p - 1366vv
 RG-493-90 1253fp - 1383vv
 RG-493-23 1320fp - 1384vv
 RG-493-35 1204fp - 1386vv
 RG-493-7 1299p - 1387vv
 RG-493-29 1331p - 1387vv
 RG-493-84 1314 - 1388vv
 RG-493-76 1322fp - 1389vv
 RG-493-88 1299p - 1390vv
 RG-493-47 1251 - 1392vv
 RG-493-89 1211fp - 1393vv
 RG-493-1 1301fp - 1395vv
 RG-493-77 1350p - 1395vv
 RG-493-48 1351fp - 1395vv
 RG-493-30 1355fp - 1396vv
 RG-493-82 1317 - 1402vv
 RG-493-42 1351p - 1405vv
 RG-493-15 1369 - 1407r
 RG-493-79 1337fp - 1408vv
 RG-493-22 1360 - 1409vv
 RG-493-14 1345p - 1409+G
 RG-493-40 1347p - 1410+++vv
 RG-493-32 1199±p - 1410vv
 RG-493-81 1351fp - 1410vv
 RG-493-33 1304p - 1411vv
 RG-493-80 1317fp - 1412vv
 RG-493-34 1343 - 1412vv
 RG-493-3 1361p - 1412r
 RG-493-20 1352fp - 1412r
 RG-493-2 1248p - 1413+++vv
 RG-483-28 1368fp - 1413vv
 RG-493-85 1318fp - 1416vv
 RG-493-83 1353 - 1417vv
 RG-493-74 1373fp - 1417vv
 RG-493-37 1293fp - 1421vv

N of Room 1, Bldg. IV, cont'd

RG-493-57 1319fp - 1421v
 RG-493-72 1357fp - 1422vv
 RG-493-16 1371fp - 1426+tv
 RG-493-26 1305fp - 1426r
 RG-493-9 1321fp - 1426r
 RG-493-51 1370fp - 1426r
 RG-493-73 1299 - 1427vv
 RG-493-43 1391 - 1428vv
 RG-493-52 1365fp - 1430vv
 RG-493-58 1359p - 1430r
 RG-493-19 1388 - 1430r
 RG-493-12 1366fp - 1431+++vv
 RG-493-10 1385fp - 1431+r
 RG-493-4 1393fp - 1432r
 RG-493-66 1374p - 1434vv
 RG-493-53 1358fp - 1435+vv
 RG-493-41 1383p - 1438vv
 RG-493-62 1375p - 1438r
 RG-493-21 1385p - 1438r
 RG-493-24 1370p - 1439+r
 RG-493-56 1344fp - 1442+++vv
 RG-493-13 1269fp - 1459vv

Area V, Room 54-1

RG-2746 1293 - 1325vv
 RG-2752 1300p - 1370v

Room I-3

RG-2939-2 1240fp - 1275vv
 RG-2939-1 1388fp - 1421vv

Room IV-e-3

RG-2957-2 1145fp - 1205vv
 RG-2953-1 1184fp - 1237vv
 RG-2968-1 1265fp - 1317vv
 RG-2954-5 1260fp - 1318vv
 RG-2953-3 1328fp - 1369vv
 RG-2957-3 1256fp - 1373vv
 RG-2957-5 1348fp - 1385vv
 RG-2959-1 1294 - 1398vv
 RG-2954-1 1333fp - 1401vv
 RG-2955-2 1347p - 1401vv
 RG-2957-4 1353fp - 1408vv
 RG-2954-2 1307p - 1410vv

Pueblo Largo, continued

DATES: continued

Room IV-e-3, continued

RG-2952-1 1373fp - 1411vv
 RG-2956-2 1348fp - 1414vv
 RG-2957-1 1373fp - 1414v
 RG-2959-2 1338fp - 1422vv
 RG-2960-2 1344fp - 1422vv
 RG-2960-1 1310fp - 1422v
 RG-2956-1 1356fp - 1424+tv
 RG-2955-3 1333p - 1425r
 RG-2961-3 1389fp - 1426vv
 RG-2954-4 1395fp - 1427r
 RG-2961-2 1371fp - 1433+vv
 RG-2953-2 1401fp - 1435vv
 RG-2954-3 1340fp - 1435r

Room IV-f-2

RG-2951-2 1253fp - 1293vv
 RG-2947 1297fp - 1340v
 RG-2950 1305fp - 1397+tr
 RG-2948-1 1377fp - 1407r
 RG-2951-1 1371fp - 1412vv

Room V-5

RG-2977-13 1096fp - 1149vv
 RG-2976-2 1159fp - 1187vv
 RG-2970-10 1171fp - 1206vv
 RG-2977-1 1120fp - 1234vv
 RG-2969-10 1206fp - 1257vv
 RG-2970-5 1237fp - 1262vv
 RG-2970-1 1191fp - 1265vv
 RG-2975 1185fp - 1266vv
 RG-2969-1 1199fp - 1269vv
 RG-2970-16 1195fp - 1270vv
 RG-2970-2 1225fp - 1281vv
 RG-2969-5 1243fp - 1283vv
 RG-2972-4 1242 - 1287+trB
 RG-2970-11 1203fp - 1288vv
 RG-2976-8 1249fp - 1299vv
 RG-2977-7 1255p - 1302+B
 RG-2968-15 1237p - 1313+trB
 RG-2968-3 1260 - 1315+trB
 RG-2968-1 1265fp - 1317vv
 RG-2968-6 1223fp - 1321vv
 RG-2968-4 1255fp - 1322+B
 RG-2968-12 1271fp - 1322+B
 RG-2968-14 1259fp - 1325vv
 RG-2969-11 1295p - 1325vv

Room V-5, continued

RG-2970-17 1291 - 1332vv
 RG-2970-15 1302p - 1336vv
 RG-2977-3 1315p - 1357vv
 RG-2977-2 1346fp - 1435v

Room V-8

RG-2981-4 1228p - 1284vv
 RG-2982 1262p - 1291vv
 RG-2981-1 1216±p - 1295vv
 RG-2981-2 1226p - 1300vv

Room V-10

RG-2987-1 1268p - 1328rB
 RG-2987-2 1291 - 1344+trB
 RG-2984-1 1262fp - 1360vv
 RG-2985-1 1279±p - 1366vv

Room V-11

RG-2996 996fp - 1069vv
 RG-2991-1 994fp - 1101+vv
 RG-2992-1 1142fp - 1197vv
 RG-3011-1 1149p - 1229vv
 RG-2992-5 1187fp - 1246vv
 RG-2999-9 1223fp - 1273vv
 RG-3017-3 1241fp - 1277vv
 RG-2995-1 1255p - 1298r
 RG-2997-1 1268fp - 1317vv
 RG-3017-2 1275fp - 1318vv
 RG-2992-3 1286fp - 1332vv
 RG-2991-2 1299np - 1345vv
 RG-2991-4 1290fp - 1365vv
 RG-2995-3 1190±p - 1372vv
 RG-2999-3 1313fp - 1376+vv
 RG-2998 1234±p - 1386vv
 RG-2989-3 1358fp - 1391vv
 RG-2991-3 1308 - 1400+trvv
 RG-3017-8 1360fp - 1410vv
 RG-2992-2 1367fp - 1410vv
 RG-2999-8 1396p - 1421v
 RG-2989-1 1330fp - 1427+vv
 RG-3017-6 1361p - 1430vv

Pueblo Largo, continued

DATES: continued

Room V-12

RG-3030 1173p - 1256++vv
 RG-2758 1167p - 1260++vv
 RG-2647 1241p - 1268v
 RG-2645 1236p - 1269r
 RG-2602 1157p - 1287r
 RG-3023-1 1231 - 1292+r
 RG-2024 1205±p - 1292+r
 RG-3021 1264p - 1302v
 RG-3033 1265 - 1302v
 RG-3037 1275 - 1302v
 RG-3027-1 1279p - 1302v
 RG-3029 1245fp - 1315vv
 RG-3035-4 1287±fp - 1327vv
 RG-2754 1259fp - 1346vv
 RG-3047 1289p - 1358+v
 RG-3054-1 1321fp - 1372vv
 RG-3056 1355 - 1396v

Room V-13

RG-3085-2 1139 - 1185vv
 RG-3086-2 1171fp - 1208vv
 RG-3059 1173±p - 1242vv
 RG-3073 1238p - 1284vv
 RG-3086-8 1241p - 1297+vv
 RG-3082-1 1257 - 1297r
 RG-3086-7 1267p - 1298vv
 RG-3068 1233p - 1298+r
 RG-3085 1249p - 1298++B
 RG-3060 1200±p - 1299+r
 RG-3061 1245p - 1299r
 RG-3087 1270p - 1299r
 RG-2723 1210±p - 1299c
 RG-2721 1229p - 1299c
 RG-2727 1264±p - 1299c
 RG-3069 1259p - 1300v
 RG-3085-1 1270p - 1309vv
 RG-3084 1197±p - 1310++vv
 RG-3080-1 1249p - 1318vv
 RG-3078-2 1229fp - 1321vv
 RG-3086-6 1268p - 1321vv
 RG-3079-4 1293p - 1324rB
 RG-3085-7 1287 - 1326vv
 RG-3085-6 1291fp - 1330vv
 RG-3077-4 1292fp - 1332vv
 RG-3078-1 1281fp - 1344vv
 RG-3086-1 1311 - 1354vv
 RG-3077-2 1377fp - 1420vv

Room V-14

RG-3090-2 1052 - 1166+vv
 RG-3104-3 1239fp - 1332vv

Room V-15

RG-3106 1249fp - 1319vv
 RG-3108-1 1321fp - 1377vv
 RG-3107-3 1314fp - 1378vv
 RG-3110-1 1368fp - 1426+B
 RG-3107-4 1391fp - 1430vv

Room V-16

RG-3122-1 1144fp - 1199vv
 RG-3117-1 1275fp - 1293vv
 RG-3121 1309fp - 1348vv
 RG-3122-3 1218fp - 1392++vv
 RG-3122-4 1395 - 1423+v

Room V-17

RG-2658 1186p - 1228vv
 RG-3129 1204 - 1260vv
 RG-3128-6 1336 - 1379vv
 RG-3128-2 1292p - 1382+B
 RG-3125-2 1327fp - 1391+vv
 RG-3128-1 1357p - 1418vv

Room V-18

RG-2633 1099p - 1296+v
 RG-3136-1 1244fp - 1307vv
 RG-3137-1 1322 - 1368B

Room V-20

RG-3149-1 1131fp - 1186vv
 RG-3147 1133fp - 1209vv
 RG-2628 1207p - 1287vv
 RG-3148-1 1301p - 1351+vv

Room V-21

RG-2711 946±p - 1232++vv
 RG-2693 1177p - 1243vv
 RG-2650 1135p - 1243v
 RG-2697 1196p - 1245v
 RG-2682 1173p - 1250++vv

Pueblo Largo, continued

DATES: continued

Room V-21, continued

RG-2681 1137p - 1259+vv
 RG-2689 1134p - 1262+vv
 RG-2607 1170p - 1263+vv
 RG-2598 1174p - 1265v
 RG-2685 1135±p - 1266vv
 RG-2677 1192p - 1267vv
 RG-2704 1192p - 1267vv
 RG-2710 1129 - 1267v
 RG-2700 1171p - 1267v
 RG-2709 1186p - 1267v
 RG-2620 1213±p - 1267v
 RG-2605 1225p - 1267v
 RG-2694 1095p - 1267r
 RG-2599 1172p - 1267r
 RG-2604 1142p - 1267c
 RG-2596 1226p - 1268v
 RG-2601 1203p - 1270c
 RG-2691 1210p - 1280+vv
 RG-2703 1198p - 1283vv
 RG-2696 1180p - 1292+v
 RG-2610 1201p - 1292v
 RG-2618 1211p - 1292r
 RG-2678 1194p - 1295+vv
 RG-2701 1287p - 1321c
 RG-2616 1265p - 1325v
 RG-2613 1198 - 1325r
 RG-2668 1221p - 1325r
 RG-2698 1288p - 1325r

Room V-24

RG-3153-2 1320fp - 1406+vv
 RG-3153-1 1393fp - 1426r

V-Tower

RG-3160-1 1144 - 1200vv
 RG-3156-1 1159fp - 1238vv
 RG-3156-4 1159fp - 1238vv
 RG-3160-2 1199fp - 1244vv
 RG-3160-3 1230fp - 1256vv
 RG-3156-2 1159fp - 1259vv
 RG-3159-1 1249 - 1287vv
 RG-3159-9 1229 - 1288+vv
 RG-3159-2 1229p - 1289vv
 RG-3159-4 1247p - 1291vv

W. of Room V-5

RG-3169 1204p - 1257vv
 RG-3167 1244 - 1287vv

Plaza V-13

RG-2695 1184±p - 1244vv ±
 RG-2630 1183p - 1298v

Plaza V-17

RG-2683 1113p - 1287+vv

Plaza V-18

RG-2638 1200p - 1297+rB

Plaza V-20

RG-2612 1179p - 1267c
 RG-2611 1162p - 1270vv
 RG-2680 1096p - 1272+vv
 RG-2603 1190p - 1287vv
 RG-2608 1213p - 1292vv
 RG-2714 1224p - 1293v

Plaza V, Area XY

RG-3192-1 1291fp - 1371vv

Plaza V, Area YY

RG-3194-1 1131fp - 1202vv
 RG-3194-2 1234fp - 1272vv

Plaza V, E. of Room V-5

RG-3175-2 1163fp - 1199vv
 RG-3174-4 1250fp - 1298vv

Kiva A

RG-3213-1 1250 - 1284vv
 RG-3217-2 1266fp - 1296vv
 RG-3203-1 1223fp - 1310vv
 RG-3217-4 1308fp - 1360vv
 RG-3214-1 1301 - 1392+vv
 RG-3201-2 1307fp - 1431r
 RG-3201-1 1395fp - 1431r
 RG-3214-3 1404fp - 1446vv

Pueblo Largo, continued

DATES: continued

Kiva XX

RG-3186-1 1026fp - 1114vv
 RG-3185-3 946 - 1129vv
 RG-2702 1113fp - 1219vv
 RG-2648 1185p - 1230v
 RG-3177 1102 - 1237vv
 RG-2664 1083p - 1242vv
 RG-3181-2 1229fp - 1268vv
 RG-2669 1197±p - 1292+v
 RG-3181-3 1214fp - 1293vv
 RG-2627 1061p - 1298vv
 RG-3186-3 1257fp - 1302vv
 RG-3186-2 1229 - 1305vv
 RG-3188 1255fp - 1309vv
 RG-3187-1 1285fp - 1332vv
 RG-3180-1 1251fp - 1339vv
 RG-3190-1 1284 - 1354vv

Refuse B

RG-3224 1139 - 1211vv
 RG-3223-1 1230fp - 1269vv
 RG-3228-3 1271fp - 1366vv
 RG-3232 1332fp - 1406vv

Refuse B-2

RG-3222-1 1270 - 1330+vv
 RG-3222-2 1288fp - 1331vv

Cap. B

RG-2735 1174±p - 1268vv

No Provenience

RG-2717 1196p - 1267v
 RG-2595 1177p - 1270vv
 RG-2558 1088p - 1275+vv
 RG-2560 1241p - 1298vv
 RG-2563 1255p - 1299v
 RG-2557 1202p - 1299r
 RG-2561 1230p - 1299r
 RG-2565 1232p - 1299r

COMMENTS:

Although there are many dated samples from Pueblo Largo, very few of these are cutting dates and the sample must still be considered small relative to the great size of this site. The range of dates represented in this collection indicates occupation beginning about the mid-13th century and continuing into the middle and probably late 15th century. Construction activity is suggested by clusters of cutting dates in the middle and late 13th centuries for Rooms V-13 and V-21 and again in the early 15th century in Bldg. IV, Room 1. There is a notable absence of cutting dates in the 14th century, however, some modification in Room V-21 is evidenced in the early 14th century.

Pueblo Shé

MAP REFERENCE: J-16

ALTERNATE NAME/NUMBER: LA 239

LOCATION:

This pueblo is on the west bank of Arroyo de la Jara about five miles southeast of the village of Galisteo in Santa Fe County, New Mexico.

DESCRIPTION:

Pueblo Shé consists of about 15 rambling masonry roomblocks containing an estimated 1500 ground floor rooms. Many of the units are arranged around plazas, some of which contain kivas.

SOURCE OF COLLECTION:

W.S. Stallings Jr. of the Laboratory of Anthropology obtained tree-ring samples from Nelson's backdirt in 1931.

REFERENCES:

Site Description: Mera 1940; Nelson 1914

Published Dates: None

DATES:

Refuse Mound 0

Group IX, Room 1

RG-127-1 1201fp - 1309vv

RG-126-1 1412 - 1474r

RG-127-2 1433fp - 1480r

RG-126-2 1427fp - 1474r

COMMENTS:

So few dates from such a large pueblo are inadequate for meaningful chronological interpretation, but point to some construction and occupation shortly before 1500.

Rowe Ruin

MAP REFERENCE: J-17

ALTERNATE NAME/NUMBER: LA 108 (incorrectly LA 128 in early reports),
Guthe's Ruin, Pueblo de las Ruedas, Ku-uang-ual-a

LOCATION:

The site is at the foot of a steep wooded mesa on the west bank of a small tributary of the Pecos River. It is about one-quarter mile east of Rowe in San Miguel County, New Mexico.

DESCRIPTION:

This ruin consists of three quadrangles of masonry construction arranged in a north-south line covering about 150 by 500 feet. The evidence suggests three superimposed pueblos on this site.

SOURCE OF COLLECTION:

W.S. Stallings Jr. collected tree-ring samples for the Laboratory of Anthropology in 1931 from Guthe's test trench.

REFERENCES:

Site Description: Guthe 1917; Mera 1940

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

Guthe's Test Trench

RG-121-2 1261p - 1306vv

COMMENTS:

A single dated sample makes chronological interpretation hopeless for this large pueblo.

Santa Fe Area

MAP REFERENCE: J-18

ALTERNATE NAME/NUMBER: Palace of the Governors, Nuestra Señora de Guadalupe, Santa Fe Cathedral, San Miguel Chapel, Oldest House, Garita Site, Rael House, Curry House, El Zaguan, Olive Rush House, Borrego House, 132 E. DeVargas, Howes Residence, Mayer House, LA 608, Boys School, St. Francis

LOCATION:

The Howes residence is about 15 miles north of Santa Fe on the south side of New Mexico Route 4 between Pojaque and Nambé. All other structures are in the city of Santa Fe in Santa Fe County, New Mexico.

DESCRIPTION:

All of these structures are either public buildings or private residences of the historic period.

SOURCE OF COLLECTION:

Tree-ring samples were collected from some of these buildings in the 1930's by W.S. Stallings Jr. of the Laboratory of Anthropology and George Kubler of Yale University. Collections were made at the Garita Site by B.T. Ellis of the Museum of New Mexico during his excavations in 1954 and 1955. R. Howes collected samples from his house near Nambé in 1966. S. Peckham and A. Schroeder made collections for the National Park Service from a number of buildings in 1967 and C. Steen of the National Park Service collected samples from the Borrego House in 1969.

REFERENCES:

Site Description: Adams and Chavez 1956; Anderson 1944; Kubler 1939, 1940; LaFarge 1959; Stubbs and Ellis 1955

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

Garita Site		Howes Residence	
GAR-3	1731fp - 1802+vv	SAN-2	1742p - 1783v
GAR-4	1732fp - 1805vv	SAN-3	1734p - 1795vv
GAR-5	1634p - 1805v		
GAR-2	1735fp - 1805v		

Santa Fe Area, continued

DATES: continued

Rael House

SAN-8	1800	-	1876vv
SAN-11	1821	-	1878+vv
SAN-6	1829p	-	1879vv
SAN-5	1844	-	1881vv
SAN-7	1844p	-	1881vv
SAN-10	1810p	-	1883vv
SAN-9	1793fp	-	1884vv
SAN-12	1829p	-	1884vv

Curry House

SAN-15	1824fp	-	1907vv
SAN-13	1799p	-	1908vv

El Zaguán

SAN-17	1789	-	1870vv
SAN-18	1796	-	1877vv

Olive Rush House

SAN-20	1802	-	1859+vv
SAN-21	1783	-	1862vv
SAN-19	1793	-	1863+vv
SAN-22	1828	-	1865vv

Borrego House

SAN-25	1766p	-	1837r
SAN-23	1687p	-	1840vv
SAN-24	1687p	-	1840vv
SAN-27	1764p	-	1840vv
SAN-26	1752p	-	1840B
SAN-29	1804p	-	1841vv
SAN-31	1768p	-	1841v

Governor's Palace

RG-37	1632	-	1711vv
GOVP-1	1609p	-	1715vv
RG-39	1660	-	1720v
RG-41	1647p	-	1721vv
RG-40	1648	-	1721vv
RG-36	1605p	-	1772vv
RG-43	1618p	-	1779vv
RG-368	1662p	-	1793vv
RG-33	1654p	-	1853vv
RG-42	1792p	-	1857v

Oldest House

RG-412	1646p	-	1740r
RG-415	1663fp	-	1756v
RG-414	1653p	-	1763v
RG-410	1641	-	1763v
RG-409	1647p	-	1763v
RG-413	1630p	-	1766v
RG-411	1610p	-	1767v

Santa Fe Cathedral

RG-629	1556fp	-	1692vv
RG-628	1536fp	-	1721vv
RG-630	1606fp	-	1769v
RG-697	1518p	-	1772vv
RG-631	1723fp	-	1851vv

Guadalupe

RG-711	1616p	-	1753+vv
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132 E. De Vargas St.

RG-3498	1575fp	-	1720vv
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San Miguel Chapel

RG-496	1489p	-	1652vv
SMC-1	1635fp	-	1678vv
RG-495	1486p	-	1683vv
RG-416	1436p	-	1696+vv
SMC-2	1581p	-	1708vv
RG-1050	1588p	-	1708v
RG-496	1489p	-	1652vv
RG-1058	1640fp	-	1709vv
RG-1048	1565fp	-	1709v
RG-1049	1621	-	1709v
RG-1052	1540	-	1709B
RG-1054	1577	-	1709B
RG-1051	1610p	-	1710v
RG-1056	1657p	-	1710B
RG-1047	1689p	-	1710B
RG-1053	1658fp	-	1714v
RG-1055-2	1597fp	-	1716+vv
RG-494	1593p	-	1731vv
RG-497	1568p	-	1736+vv
SMC-5	1640fp	-	1748+v
RG-1055-1	1660fp	-	1749vv
RG-1057	1686fp	-	1758r

Santa Fe Area, continued

DATES: continued

San Miguel Chapel, continued

SMC-3	1799p	-	1854r
RG-498	1777p	-	1855v

COMMENTS:

Construction activity is indicated for some of these structures at various dates from the mid 18th to the early 20th century. Construction at about 1710 is indicated for San Miguel Chapel with modification or repair at 1758 and 1854. The Borrego House was probably constructed about 1840.

San Cristobal

MAP REFERENCE: J-19

ALTERNATE NAME/NUMBER: LA 80, Yam-p-hamba

LOCATION:

This ruin is on the north and south banks of Arroyo San Cristobal at the mouth of a deep rocky gorge about eight miles southeast of Lamy and six miles east of Galisteo in Santa Fe County, New Mexico.

DESCRIPTION:

San Cristobal is a large pueblo with a prehistoric and historic component of occupation separated by the channel of the Arroyo San Cristobal. The prehistoric component on the south side of the arroyo consists of several rectangular room blocks enclosing plazas and a single kiva. On the north bank is the historic pueblo constructed over another earlier pueblo. This ruin is similar in plan to the south pueblo, but is much more extensive. Between the arroyo and the north pueblo are the ruins of a 17th century church, cemetery, and associated structures.

SOURCE OF COLLECTION:

Samples were obtained by W.S. Stallings Jr. in 1931 and by F. Wendorf and E. Reed in 1953, all for the Laboratory of Anthropology.

REFERENCES:

Site Description: Nelson 1914

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

Building I

RG-264-2 1314fp - 1383vv

Building X

RG-250 1289fp - 1362vv
RG-169 1307p - 1365vv
RG-241 1264p - 1384vv
RG-202 1289p - 1386+vv
RG-254 1291p - 1386vv
RG-227 1207p - 1389vv
RG-198 1315p - 1395vv
RG-173 1284p - 1408vv
RG-199 1332p - 1410vv
RG-204 1330p - 1413vv

Building X, continued

RG-176 1280p - 1415+vv
RG-185 1352p - 1415+vv
RG-180 1352p - 1415+vv
RG-249 1310p - 1420+vv
RG-168 1317p - 1421vv
RG-167 1327p - 1421vv
RG-189 1352p - 1421vv
RG-161 1281p - 1422+vv
RG-230 1283p - 1422+vv
RG-201 1303p - 1422+vv
RG-200 1303p - 1422+vv
RG-223 1351p - 1422+vv
RG-234 1293p - 1422vv
RG-229 1293p - 1423+vv

San Cristobal, continued

DATES: continued

Building X, continued

RG-186	1346p	- 1425+vv
RG-239	1341p	- 1426+vv
RG-174	1355fp	- 1426+vv
RG-160	1303p	- 1426vv
RG-212	1353p	- 1426vv
RG-162	1268p	- 1426v
RG-158	1339p	- 1426v
RG-183	1361p	- 1426+r
RG-210	1349±p	- 1427vv
RG-170	1342p	- 1427v
RG-187	1278p	- 1427+r
RG-233	1335p	- 1427+r
RG-243	1381p	- 1427r
RG-238	1321p	- 1427cL
RG-252	1297p	- 1428v
RG-159	1323p	- 1428v
RG-166	1327p	- 1428v
RG-203	1329p	- 1428v
RG-175	1359p	- 1428v
RG-188	1374p	- 1428v
RG-237	1264p	- 1428r
RG-171	1288p	- 1428r
RG-197	1332p	- 1428r
RG-236	1332p	- 1428r
RG-182	1346p	- 1428r

Building X, continued

RG-231	1348p	- 1428r
RG-181	1353p	- 1428r
RG-178-1	1358p	- 1428r
RG-184	1370p	- 1428r
RG-195	1379p	- 1428r
RG-251	1308p	- 1428c
RG-232	1313p	- 1428c
RG-157	1335p	- 1428c
RG-163	1320p	- 1428c
RG-172	1331p	- 1428cL
RG-193	1374p	- 1434++vv
RG-209	1337p	- 1435+v
RG-164	1296p	- 1436c
RG-223	1331p	- 1436c
RG-165	1312p	- 1437r
RG-244	1379fp	- 1456++vv

Rooms around Kiva 8

RG-267-2	1330p	- 1414+r
RG-267-1	1334p	- 1414+r

Kiva

SCK-2	1409p	- 1445vv
SCK-8	1393p	- 1451vv

COMMENTS:

Stallings apparently collected his samples from Nelson's backdirt with some additional testing for material on his own. All specimens are thought to represent beam material. A tight clustering of cutting dates at 1427 to 1428 places construction activity at that time in Building X. The other dates suggest occupation ranging from the late 14th century to the late 15th century, but there are too few dates from too few proveniences to adequately define the chronological parameters of the site.

San Miguel Village

MAP REFERENCE: J-20

ALTERNATE NAME/NUMBER: San Miguel del Vado

LOCATION:

San Miguel is on the Pecos River about 21 miles southwest of Las Vegas and about three miles south of the Santa Fe to Las Vegas Highway (US 84-85) in San Miguel County, New Mexico.

DESCRIPTION:

San Miguel Village was a frontier outpost on the Santa Fe Trail and was established at least as early as 1786.

SOURCE OF COLLECTION:

Several beams from buildings in San Miguel Village now in the Hollenbeck House in Santa Fe were sampled by W.S. Stallings Jr. in 1932.

REFERENCES:

Site Description: None

Published Dates: None

DATES:

No Provenience

RG-371 1725p - 1816vv

RG-370 1727p - 1832vv

COMMENTS:

Lack of information about the site and provenience of the sample precludes any interpretation.

Tecolote Ruin

MAP REFERENCE: J-21

ALTERNATE NAME/NUMBER: LA 296

LOCATION:

This ruin is on the southwest bank of Tecolote Creek about one and one-half miles southeast of the village of Tecolote and 10 miles south of Las Vegas in San Miguel County, New Mexico.

DESCRIPTION:

The Tecolote Ruin consists of 10 mounds of masonry roomblocks scattered in a 430 by 900 foot area.

SOURCE OF COLLECTION:

The first tree-ring sample was collected by A.V. Kidder of the Phillips Academy in 1929. Other samples were collected in 1932 by the Museum of New Mexico and by F.W. Snyder for New Mexico Highlands University in 1960.

REFERENCES:

Site Reference: Holden 1931

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953;
Stallings 1937

DATES:

Kiva 16			Kiva II		
RG-386-1	1084p	- 1171r	RG-459-2	1159p	- 1225vv
East Dump			Rob's Room		
RG-472-1	1153fp	- 1200vv	RG-474-1	1152p	- 1259vv
Room VI					
RG-471	1122fp	- 1203vv			

COMMENTS:

Occupation in the late 12th through the 13th centuries is indicated. The single cutting date at 1171 does not allow precise chronological placement.

LA 742

MAP REFERENCE: J-26

ALTERNATE NAME/NUMBER: None known

LOCATION:

LA 742 is on the west side of a low hill on the east side of the Tesuque River about 10 miles north of Santa Fe in Santa Fe County, New Mexico.

DESCRIPTION:

This is a small rectangular house mound.

SOURCE OF COLLECTION:

Samples were collected by Stanley Stubbs and W.S. Stallings Jr. for the Laboratory of Anthropology in 1935.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953

DATES:

Kiva			Second Room East of Room 1, outside.		
RG-2308-5	1032	- 1102vv			
RG-2308-4	1027fp	- 1113r	RG-2316	1082p	- 1206+vv
RG-2308-3	1036p	- 1113r			
RG-2308-1	1023	- 1114r	Test I, Cut 2		
Room 2			RG-2319-1	1066fp	- 1152vv
			RG-2319-3	1021fp	- 1084vv
RG-2309-3	860p	- 968vv	RG-2319-2	1127fp	- 1197vv
RG-2309-5	935fp	- 992+vv			
RG-2309-2	918p	- 996+vv	Test I, Cut 3		
RG-2311-1	985fp	- 1076vv			
RG-2309-1	1148fp	- 1194vv	RG-2320-1	938fp	- 1046+r
Rooms 2 and 3			Test I, Cut 4		
			RG-2321-1	877fp	- 994+vv
RG-2314-1	917fp	- 979vv			
RG-2310-1	879±p	- 1007vv	Test I, Cut 5		
RG-2314-2	945fp	- 1028vv			
RG-2313-1	1057fp	- 1139vv	RG-2322-1	984fp	- 1054B
RG-2312-2	1168fp	- 1218+vv			
RG-2312-1	1173fp	- 1228++vv			

LA 742, continued

DATES: continued

Test I, Cut 7

RG-2323-1 1029p - 1122r
 RG-2323-5 1035p - 1122r
 RG-2323-4 1078p - 1122r
 RG-2323-6 1087fp - 1122r

Test II, Cut 2

RG-2317-9 861p - 966vv
 RG-2317-17 994fp - 1110++vv
 RG-2317-19 1054fp - 1152++vv
 RG-2317-1 1036fp - 1162vv
 RG-2317-11 1116fp - 1162vv
 RG-2317-16 1042fp - 1168vv
 RG-2317-4 1138fp - 1173vv
 RG-2317-14 1136fp - 1194vv
 RG-2317-5 1149fp - 1194vv
 RG-2317-8 1104fp - 1197+vv
 RG-2317-10 1149fp - 1200vv
 RG-2317-3 1149fp - 1209vv
 RG-2317-2 1145fp - 1215vv

Test II, Cut 3

RG-2318-1 859p - 1001++vv

Test II, Cut 4

RG-5303 897fp - 967vv
 RG-5302 919fp - 1004vv

Test II, Cut 5

RG-2305-6 1008fp - 1061vv
 RG-2306-8 1015p - 1063r
 RG-2306-4 1040fp - 1122v
 RG-2306-2 1040p - 1122r
 RG-2306-1 1076fp - 1122r

Test II, Cut 6

RG-2304-4 870±fp - 967vv
 RG-2304-6 1020fp - 1113r
 RG-2304-1 1083 - 1122r

Test II, Cut 7

RG-2303-1 1079p - 1122r
 RG-2303-4 1100fp - 1122r

Test III, Cut 7

RG-2301-2 917fp - 1012++vv
 RG-2301-1 1013p - 1108++vv

Test III, Cut 8

RG-2300-3 1024p - 1063r
 RG-2300-2 1031p - 1080c
 RG-2300-14 1041p - 1103vv
 RG-2300-7 1021p - 1108+vv
 RG-2300-1 1069fp - 1122v
 RG-2300-9 1103p - 1122r
 RG-2300-5 1077p - 1122r
 RG-2300-6 1082p - 1122r

Refuse

RG-2324-1 916p - 1040vv
 RG-2324-2 1065fp - 1105r
 RG-2326-1 1120fp - 1194++vv
 RG-2325-1 1122fp - 1212r

COMMENTS:

Occupation ranging from the early 12th to the early 13th century is suggested, however the samples are all small charcoal fragments and may represent fire wood rather than construction materials. Clusters of cutting dates at 1122 from several excavation units could indicate construction activity at that time. The kiva may have been constructed in 1113-14.

Las Madres

MAP REFERENCE: J-27

ALTERNATE NAME/NUMBER: LA 25, Pueblo Galisteo (in part)

LOCATION:

This ruin is on a sandstone promontory on the Rio Galisteo about two miles upstream from the village of Galisteo in Santa Fe County, New Mexico.

DESCRIPTION:

Las Madres is a masonry pueblo of rectilinear plan measuring about 200 by 50 feet. The site overlooks the ruin Pueblo Galisteo and was originally mapped as part of that pueblo by Nelson in 1912 (Ruin XXVI).

SOURCE OF COLLECTION:

Tree-ring samples were obtained by Bertha Dutton of the Laboratory of Anthropology during excavations in 1962 and 1965.

REFERENCES:

Site Description: Dutton 1964; Nelson 1914

Published Dates: None

DATES:

Room 2		Room 13	
RG-3236	1321p - 1351vv	RG-3256	1310 - 1355vv
RG-3235	1325±p - 1356r		
		Room 14	
Room 8		RG-3261	1222fp - 1256vv
RG-3245	1270fp - 1330vv		
		Room 16	
Room 9		RG-3283	1245fp - 1322vv
RG-3381	1280p - 1330vv	RG-3282	1304p - 1345v
		RG-3277	1260±p - 1347±±v
Room 11		RG-3280	1285p - 1350±r
RG-3252	1237±p - 1302±±vv		
		Room 19	
Room 12		RG-3391	1079±p - 1193vv
LSM-44	1206fp - 1293v	RG-3392	1165fp - 1277±vv
		RG-3388	1196p - 1328±±vv

Las Madres, continued

DATES: continued

Room 20

RG-3300 1235p - 1313vv
 RG-3292 1289p - 1346+r
 RG-3305 1286p - 1353r
 RG-3306 1319fp - 1353r
 RG-3304 1262p - 1354r

Room 21

RG-3394 1222p - 1315++vv
 RG-3308 1223p - 1315++vv
 RG-3313 1176±fp- 1316+vv
 RG-3321 1276p - 1345+vv
 RG-3318 1328p - 1355v

Room 25

RG-3333 1207p - 1296++vv
 RG-3342 1328p - 1353r
 RG-3345 1315p - 1358r
 RG-3335 1323p - 1359r

Room 25, SE Corner

LSM-47 1243p - 1337++vv
 LSM-48 1297 - 1359v
 LSM-49 1324 - 1359r

Room 26

RG-3350 1285p - 1319r
 RG-3352 1288±p - 1357r
 RG-3351 1316p - 1358r
 RG-3354 1306p - 1359r
 RG-3353 1312p - 1359r

Room 27

RG-3397 1280fp - 1313vv
 RG-3403 1230p - 1314+vv
 RG-3399 1265p - 1318++B
 RG-3396 1290fp - 1322vv
 RG-3400 1275p - 1325++B

Room 28

RG-3405 1180 - 1325++vv

Room 29

RG-3409 1194p - 1262vv
 RG-3410 1255fp - 1305vv
 RG-3413 1258±p - 1333B

Room 30

RG-3421 1278±p - 1335++vv
 RG-3422 1249± - 1340++vv
 RG-3438 1220p - 1341+vv
 RG-3414 1227p - 1342+vv
 RG-3427 1240 - 1342++vv
 RG-3425 1260±p - 1342++v
 RG-3423 1239 - 1353r
 RG-3439 1298±p - 1359+vv
 RG-3442 1306p - 1361r
 RG-3437 1328p - 1361r

Rooms 33 and 34

RG-3444 1287p - 1366+vv

Room 43

RG-4559 1229 - 1275v

Room 48

LSM-54 1204fp - 1263vv
 LSM-53 1237fp - 1298vv
 LSM-52 1268fp - 1332vv

Room 50

LSM-55 1214fp - 1258vv

Room 51

LSM-57 1218fp - 1267vv
 LSM-58 1296fp - 1341vv
 LSM-56 1299fp - 1348vv

Room 52

LSM-60 1224 - 1287vv
 LSM-62 1244fp - 1298vv

Las Madres, continued

DATES: continued

Room 53

LSM-65 1233fp - 1298vv
 LSM-67 1233fp - 1299vv

Room 54

LSM-78 1289p - 1346+r
 LSM-72 1299p - 1346+r
 LSM-71 1301 - 1346+r
 LSM-75 1308p - 1346+r
 LSM-74 1317p - 1346+r
 LSM-73 1325p - 1346+r

Trench F3

LSM-94 1301fp - 1374vv

N-S Trench F3

LSM-96 1235fp - 1283vv
 LSM-116 1261p - 1305vv
 LSM-100 1243 - 1313vv
 LSM-111 1266fp - 1314vv
 LSM-107 1282fp - 1329vv
 LSM-103 1268p - 1333vv
 LSM-112 1286fp - 1337B
 LSM-110 1296fp - 1342vv
 LSM-125 1292p - 1345+B
 LSM-124 1303fp - 1345+B
 LSM-122 1262fp - 1346++vv
 LSM-108 1313fp - 1350vv
 LSM-99 1296fp - 1351+vv
 LSM-98 1244fp - 1356vv
 LSM-118 1262±fp - 1358vv
 LSM-97 1320p - 1362vv
 LSM-123 1330 - 1364v
 LSM-102 1337p - 1364B

E-W Trench

RG-3368 1220p - 1316+vv

Strat Block Test F1

LSM-25 1187 - 1245vv
 LSM-28 1200fp - 1263vv
 LSM-12 1214fp - 1266vv
 LSM-21 1209fp - 1278vv

Strat Block Test F1, continued

LSM-7 1195fp - 1283vv
 LSM-26 1232fp - 1286vv
 LSM-16 1221fp - 1297vv
 LSM-14 1206 - 1307vv
 LSM-13 1255 - 1314vv
 LSM-11 1256fp - 1316vv
 LSM-3 1258fp - 1320vv
 LSM-23 1267fp - 1323vv
 LSM-10 1233 - 1331vv
 LSM-17 1285 - 1331vv
 LSM-1 1218 - 1334vv
 LSM-4 1301fp - 1352vv
 LSM-27 1316p - 1353r
 LSM-24 1303 - 1361vv
 LSM-2 1302fp - 1371vv

Strat Block Test F2

LSM-40 1194 - 1259vv
 LSM-34 1202fp - 1281vv
 LSM-37 1249fp - 1295vv
 LSM-35 1263fp - 1311vv
 LSM-31 1267fp - 1319vv
 LSM-29 1257fp - 1320vv
 LSM-33 1291fp - 1332vv
 LSM-42 1271fp - 1335vv
 LSM-39 1265fp - 1337vv
 LSM-43 1245fp - 1347vv
 LSM-38 1298 - 1366vv
 LSM-32 1302fp - 1369vv
 LSM-30 1313fp - 1377++vv

Strat Block Test F5

LSM-151 1203p - 1245vv
 LSM-135 1221fp - 1277vv
 LSM-144 1265fp - 1292vv
 LSM-143 1223 - 1306vv
 LSM-134 1278 - 1311vv
 LSM-141 1206± - 1321vv
 LSM-142 1260p - 1352++vv
 LSM-147 1310p - 1358+B
 LSM-136 1288p - 1369++B
 LSM-138 1325fp - 1372vv

Las Madres, continued

DATES: continued

Strat Block Test F6	South Terrace
LSM-184 1124fp - 1196vv	RG-3490 1269fp - 1313vv
LSM-152 1271p - 1305vv	RG-3477 1270fp - 1317vv
LSM-155 1261 - 1309vv	RG-3467 1213 - 1318+vv
LSM-163 1268p - 1319vv	RG-3478 1260fp - 1323vv
LSM-188 1272fp - 1324vv	RG-3487 1270±p - 1333+vv
LSM-154 1255 - 1325vv	RG-3468 1290fp - 1334vv
LSM-187 1280p - 1327+B	RG-3471 1298fp - 1342vv
LSM-168 1212fp - 1328vv	RG-3476 1306fp - 1374vv
LSM-158 1300fp - 1329B	RG-3472 1300fp - 1382+vv
LSM-180 1240fp - 1330+vv	
LSM-189 1158fp - 1332vv	Between S Terrace trench and
LSM-182 1257 - 1336+B	Room 28
LSM-179 1290fp - 1340+vv	
LSM-181 1233fp - 1350+vv	RG-3371 1298fp - 1355B
LSM-161 1300fp - 1354vv	
LSM-153 1351 - 1369v	No provenience
LSM-164 1335p - 1369r	
Test Pit West of Room 35	RG-3492 1296p - 1333vv
	RG-3497-2 1273 - 1342+vv
LSM-51 1275fp - 1341vv	

COMMENTS:

The dating of this pueblo runs from the early to the late 14th century and does not exhibit good clusters of cutting dates. Several cutting dates from Rooms 2, 20, 25, and 26 may indicate construction of these units in the 1350's. Room 54 was probably constructed shortly after 1346.

Tesuque Williams I

MAP REFERENCE: J-28

ALTERNATE NAME/NUMBER: LA 6560

LOCATION:

This site is on the west side of the Tesuque River on a small hill about 700 yards south of the old highway bridge in Tesuque, about 5 miles north of Santa Fe in Santa Fe County, New Mexico.

DESCRIPTION:

Tesuque Williams I is a long oval pueblo.

SOURCE OF COLLECTION:

Collections were made by Winnabelle Olmi of Santa Fe in 1963.

REFERENCES:

Site Description: None

Published Dates: None

DATES:

Room 1A			Room 11		
TW-2	1219p - 1298vv		TW-17	1239p - 1282r	
Room 2			Room 12		
TW-5	1131p - 1245vv		TW-21	1113p - 1275++vv	
TW-8-1	1148p - 1281++r		TW-25	1174p - 1281vv	
TW-10	1195p - 1285+v		TW-23	1197p - 1283v	
TW-7	1198p - 1285+r		TW-20	1200p - 1290vv	
Room 3			East of Room 12		
TW-14	1171p - 1277vv		TW-18	1152p - 1235vv	
TW-11	1119p - 1285vv		TW-19	1151p - 1246vv	
TW-12	1209p - 1285+r				
TW-13	1225p - 1285+r		Room 13		
Room 6			TW-27	1178p - 1269v	
TW-16	1225p - 1283r		TW-28	1226p - 1291+r	
TW-15	1201p - 1298c		TW-29	1228p - 1291+r	

Tesuque Williams I, continued

COMMENTS:

The dates place construction and occupation in the late 13th century. However, there are too few dated samples and too little site data to permit further chronological interpretation of the site.

MAP REFERENCE: J-29

ALTERNATE NAME/NUMBER: None known

LOCATION:

LA 3333 is about 30 miles south of Santa Fe and three-quarters of a mile east of the site of Pueblo Largo in Santa Fe County, New Mexico.

DESCRIPTION:

The site consists of masonry structures, pit houses, and two circular kivas.

SOURCE OF COLLECTION:

S. Peckham of the Museum of New Mexico collected tree-ring samples in 1956.

REFERENCES:

Site Description: Dutton 1964

Published Dates: None

DATES:

Kiva 1

GLS-9-1	1097p	-	1167++vv
GLS-22	1104p	-	1171vv
GLS-18-3	1142fp	-	1179vv
GLS-17	1162p	-	1204rB
GLS-13-1	1189	-	1225B

COMMENTS:

Kiva 1 may have been constructed around the beginning of the 13th century.

Arroyo Hondo

MAP REFERENCE: J-30

ALTERNATE NAME/NUMBER: LA 12, Kua-kay, Arroyo Hondo Ruin No. I, Arroyo Hondo-Lower Ruin

LOCATION:

This pueblo is on the south side of Arroyo Hondo about four and one-half miles south of Santa Fe and 0.9 miles west of U.S. 85 in Santa Fe County, New Mexico.

DESCRIPTION:

Arroyo Hondo is a large multistory adobe and masonry pueblo of 21 interconnected roomblocks arranged around seven plazas. Three other roomblocks enclose a U-shaped plaza just northwest of the main plaza. Seven kiva depressions are within the plazas and a large kiva depression is located on the southwest side of the site.

SOURCE OF COLLECTION:

W.S. Stallings Jr. of the Laboratory of Anthropology collected a single tree-ring sample in 1933. All other samples were obtained by D.W. Schwartz of the School of American Research during excavations in 1970-72.

REFERENCES:

Site Description: Bandelier 1892; Schwartz 1971, 1972

Published Dates: None

DATES:

Roomblock 4, Room 2

AHS-112 1309fp - 1327vv

Roomblock 5, Room 4

AHS-114 1337fp - 1364vv

Roomblock 5, Room 6

AHS-105 1182p - 1318r

AHS-106 1272p - 1318r

AHS-104 1266p - 1323r

Roomblock 9, Room 6

AHS-116 1237fp - 1368vv

AHS-118 1356p - 1375r

AHS-117 1351p - 1386r

AHS-119 1358p - 1387rB

Roomblock 9, Room 7

AHS-121 1251fp - 1310vv

Roomblock 9, Room 8

AHS-123 1315p - 1360r

Arroyo Hondo, continued

DATES: continued

Roomblock 10, Room 3

AHS-125 1342p - 1375vv
 AHS-126 1346 - 1385r

Roomblock 11, Room 5

AHS-31 1358p - 1383vv

Roomblock 11, Room N2

AHS-162 1271fp - 1333vv

Roomblock 11, Room N4

AHS-152 1370p - 1386r
 AHS-156 1368p - 1386r
 AHS-161 1358p - 1386r

Roomblock 14, Room 5

AHS-91 1250p - 1315vv
 AHS-87 1193p - 1317vv
 AHS-86 1265 - 1320v
 AHS-85 1209fp - 1321v
 AHS-84 1263fp - 1321v
 AHS-83 1264fp - 1321v
 AHS-88 1264p - 1321r
 AHS-124 1305p - 1324vv
 AHS-90 1293p - 1325vv

Roomblock 15A, Room 7

AHS-95 1251fp - 1370r
 AHS-98 1354fp - 1381vv
 AHS-100 1355p - 1381vv
 AHS-94 1349p - 1381v
 AHS-102 1356p - 1381v
 AHS-92 1352p - 1381r
 AHS-96 1361p - 1381r
 AHS-97 1349p - 1381r
 AHS-101 1360p - 1381r

Roomblock 15, Room 6

AHS-133 1365p - 1379r
 AHS-129 1364p - 1381r
 AHS-130 1350p - 1381r
 AHS-131 1362p - 1381r

Roomblock 15, Room 6, continued

AHS-132 1344p - 1381r
 AHS-136 1330p - 1381r
 AHS-137 1354p - 1381r
 AHS-138 1345p - 1381r
 AHS-139 1357p - 1381r
 AHS-140 1354p - 1381r
 AHS-128 1368p - 1386r
 AHS-135 1359p - 1386rB
 AHS-127 1356p - 1388rB

Roomblock 15, Room 7

AHS-142 1207fp - 1308vv

Roomblock 16, Room 1

AHS-175 1275fp - 1325vv
 AHS-171 1308p - 1353vv
 AHS-170 1320p - 1359v
 AHS-172 1337p - 1359v
 AHS-165 1316p - 1359+r
 AHS-154 1334p - 1359r
 AHS-181 1332p - 1359r
 AHS-167 1332p - 1360+r
 AHS-182 1335p - 1360+r
 AHS-184 1339p - 1360+r
 AHS-166 1327p - 1378rB
 AHS-168 1339p - 1379r
 AHS-185 1358fp - 1380vv
 AHS-183 1356p - 1380r
 AHS-180 1353p - 1380r
 AHS-149 1346p - 1380r
 AHS-169 1346 - 1382vv
 AHS-186 1342p - 1382r
 AHS-151 1347fp - 1385r
 AHS-153 1362p - 1385r
 AHS-179 1365p - 1385r
 AHS-187 1342fp - 1385r
 AHS-150 1352p - 1387v
 AHS-176 1354p - 1388b
 AHS-155 1381p - 1403r

Roomblock 16, Room 11

AHS-33 1302fp - 1345vv

Arroyo Hondo, continued

DATES: continued

Roomblock 16, Room 13

AHS-39 1359p - 1377r
 AHS-42 1352p - 1381v
 AHS-38 1350p - 1381r
 AHS-37 1345fp - 1385+vv
 AHS-35 1328p - 1387r

Roomblock 16, Room 18

AHS-56 1279 - 1334vv
 AHS-53 1357p - 1374vv
 AHS-50 1352p - 1380vv
 AHS-49 1333p - 1381vv
 AHS-44 1350p - 1381vv
 AHS-45 1363p - 1386vv
 AHS-43 1356p - 1386r
 AHS-46 1357p - 1386r
 AHS-47 1328±p - 1386r
 AHS-48 1367p - 1386r
 AHS-51 1339p - 1387v
 AHS-52 1341p - 1387r

Roomblock 16, Room 20

AHS-66 1355p - 1379B
 AHS-57 1346fp - 1381v
 AHS-79 1343p - 1381v
 AHS-76 1336p - 1381r
 AHS-65 1343p - 1381r
 AHS-78 1354p - 1381r
 AHS-60 1354p - 1381r
 AHS-68 1356p - 1381r
 AHS-69 1360p - 1381r
 AHS-63 1363p - 1381r
 AHS-77 1334p - 1386r
 AHS-74 1343p - 1386r
 AHS-70 1354p - 1386r
 AHS-59 1356p - 1386r
 AHS-71 1357p - 1386r
 AHS-72 1358p - 1386r
 AHS-75 1364p - 1386r
 AHS-61 1372p - 1386r
 AHS-62 1373p - 1386r
 AHS-64 1335p - 1387vv
 AHS-58 1354p - 1387r
 AHS-67 1295fp - 1388vv
 AHS-73 1354p - 1388r

Roomblock 16, Room 27

AHS-29 1325p - 1357r

Roomblock 16, Room 0

AHS-177 1344p - 1386r
 AHS-178 1336fp - 1388vv

Roomblock 16, Feature 17

AHS-19 1345p - 1410r
 AHS-14 1356p - 1410r
 AHS-9 1357p - 1410r
 AHS-17 1371p - 1410r
 AHS-10 1372p - 1410r
 AHS-12 1374p - 1410r
 AHS-13 1374p - 1410r
 AHS-16 1378p - 1410r
 AHS-20 1382p - 1410r
 AHS-21 1384p - 1410r
 AHS-15 1391p - 1410r
 AHS-18 1397p - 1410r

Roomblock 16, Feature 22

AHS-24 1326p - 1386r
 AHS-25 1330p - 1386r

Roomblock 18, Room 7

AHS-145 1245fp - 1315vv
 AHS-146 1203p - 1315rB

Roomblock 24, Room 3

AHS-148 1248fp - 1330v

Kiva C

AHS-3 1348p - 1385+tr
 AHS-2 1323p - 1386r
 AHS-1 1325p - 1386r
 AHS-4 1344 - 1386r
 AHS-108 1354p - 1386r
 AHS-109 1371fp - 1386r
 AHS-5 1371p - 1386r
 AHS-6 1372p - 1386r
 AHS-111 1373fp - 1386r

Arroyo Hondo, continued

COMMENTS:

The samples reveal a very good series of cutting dates which suggest construction of many of the features in the 1380's. Several of the dates suggest occupation in the early 14th century and as late as 1410. Dates from several of the features indicate reuse of timbers from earlier features.

Mocho

MAP REFERENCE: J-31

ALTERNATE NAME/NUMBER: LA 191

LOCATION:

This site is on the north side of Arroyo Hondo less than a mile below the old Galisteo road to Cañada de las Gallinas and six miles south of Santa Fe in Santa Fe County, New Mexico.

DESCRIPTION:

Mocho is a small pueblo with three roomblocks and at least three kivas.

SOURCE OF COLLECTION:

W.S. Stallings Jr. of the Laboratory of Anthropology collected tree-ring samples in the 1930's.

REFERENCES:

Site Description: None

Published Dates: Smiley 1951; Smiley, Stubbs, and Bannister 1953; Stallings 1937

DATES:

Kiva 3

RG-1010 1081fp - 1133vv

Group II, Room 1

RG-1004-18 1065fp - 1122vv

RG-1004-20 1089fp - 1143vv

RG-1004-23 1094p - 1172vv

RG-1004-22 1109p - 1185+r

RG-1004-17 1082fp - 1185+r

RG-1004-1 1108fp - 1185r

RG-1004-4 1112p - 1185r

RG-1004-2 1118p - 1185r

RG-1004-14 1126fp - 1185r

RG-1004-19 1126p - 1185r

RG-1004-11 1135p - 1185r

RG-1004-12 1160p - 1185r

RG-1004-3 1128p - 1186+v

RG-1004-5 1128p - 1192r

Group II, Room 2

RG-1003-30 1026 - 1082vv

RG-1003-27 1055fp - 1107vv

RG-1003-1 966p - 1113r

RG-1003-26 1018p - 1119r

RG-1003-2 1029p - 1119r

RG-1003-24 1040fp - 1119r

RG-1003-3 1044 - 1119r

RG-544-3 1101fp - 1151+vv

RG-544-7 1096fp - 1158+vv

RG-544-9 1117 - 1159vv

RG-544-8 1155p - 1184vv

RG-544-1 1122p - 1185vv

RG-1000-1 1113p - 1185r

RG-544-2 1156fp - 1191r

RG-1003-29 1097p - 1192v

Mocho, continued

DATES: continued

Group II, Room 6

RG-1011-7 1104p - 1173vv
RG-1011-16 1116p - 1192r
RG-1011-8 1120p - 1192r
RG-1011-10 1123p - 1192r
RG-2011-2 1139p - 1192r
RG-1011-11 1144fp - 1192r
RG-1011-5 1166p - 1192r
RG-1011-3 1170p - 1194r

Group II, Room 8

RG-1013-1 1139fp - 1172vv
RG-1013-4 1038 - 1076vv

Group II, Room 9

RG-1012-9 1139fp - 1192r
RG-1012-8 1103p - 1194r
RG-1012-2 1113p - 1194r
RG-1012-6 1127fp - 1194r
RG-1012-4 1147fp - 1194r
RG-1012-6 1149fp - 1194r
RG-1012-15 1162fp - 1194r
RG-1012-1 1162p - 1194r
RG-1012-11 1177p - 1194r

Group III, Room 1

RG-1005-1 1016p - 1070r
RG-1005-2 1129fp - 1164r

Group III, Room 2

RG-1007-3 1106fp - 1146+vv
RG-1006-1 1105p - 1150+r

Group III, PH 2

RG-1008 1062fp - 1122r

COMMENTS:

Although most of the samples are small charcoal fragments, the several strong clusters of cutting dates suggests many of them represent construction materials. Occupation of the site lasts from the early to the late 12th century. Strong clusters of cutting dates place construction of the rooms in Group II at 1185 for Room 1, 1192 for Room 6, and 1194 for Room 9. The dating of Room 2 in this group is confused due to borrowing of materials during construction or prehistoric mixing of the deposit. There are too few dates from the other structures for any firm interpretation.

Watrous Area

MAP REFERENCE: K-1

ALTERNATE NAME/NUMBER: None known

LOCATION:

This site is at the confluence of the Mora River and Sapello River about 20 miles northeast of Las Vegas in Mora County, New Mexico.

DESCRIPTION:

No description of the site is available.

SOURCE OF COLLECTION:

The University of Pennsylvania collected tree-ring samples from this site during excavations in 1929 under the direction of J.A. Mason.

REFERENCES:

Site Description: None

Published Dates: None

DATES:

No Provenience

WK-0-1	1103p	-	1179vv
WK-0-3	1127fp	-	1184vv
WK-64	1077p	-	1211v
WK-7	1095p	-	1212r
WK-66	1113	-	1214v

COMMENTS:

Lack of site data and provenience information makes interpretation impossible at this time.

Armstrong Ruin

MAP REFERENCE: P-1

ALTERNATE NAME/NUMBER: LA 1225

LOCATION:

The Armstrong Ruin is 13 miles southeast of Corona in the valley bottom of Gallo Canyon in Lincoln County, New Mexico.

DESCRIPTION:

The Armstrong Ruin is an adobe pueblo of several roomblocks arranged in a quadrangle around a central plaza. The pueblo was probably several stories high.

SOURCE OF COLLECTION:

W.S. Stallings Jr. of the Laboratory of Anthropology collected tree-ring samples from this site in 1933.

REFERENCES:

Site Description: Mera 1940

Published Dates: Smiley, Stubbs, and Bannister 1953; Stallings 1936

DATES:

No Provenience

RG-484	1289fp - 1345vv	RG-479	1265p - 1362c
RG-476-1	1292p - 1348c	RG-482	1310p - 1364r
RG-492	1323fp - 1358r	RG-485	1311p - 1365v
RG-486	1308p - 1361vv	RG-478	1272p - 1366c

COMMENTS:

Construction activity is indicated in the mid-14th century.

MAP REFERENCE: P-4

ALTERNATE NAME/NUMBER: None known

LOCATION:

This site is on a small knoll on the west side of Gallo Arroyo 10 miles southeast of Corona in Lincoln County, New Mexico.

DESCRIPTION:

The excavated portion of LA 2945 consisted of 12 contiguous adobe rooms. The site was originally larger, but had been destroyed by agricultural activities.

SOURCE OF COLLECTION:

Tree-ring samples were collected by F. Wendorf of the Museum of New Mexico during excavation of the site in 1954.

REFERENCES:

Site Description: Wendorf 1956

Published Dates: None

DATES:

Room 3

RG-2787	1105p	-	1175vv
RG-2772	1104	-	1192vv
RG-2781	1105p	-	1196vv
RG-2775	1199p	-	1228vv
RG-2773	1200p	-	1229vv
RG-2796	1194	-	1235vv
RG-2771	1199p	-	1239vv
RG-2784	1216fp	-	1241vv
RG-2776	1216p	-	1244vv
RG-2788	1210p	-	1245vv
RG-2778	1198p	-	1263vv
RG-2777	1190p	-	1267vv
RG-2795	1201fp	-	1267vv

Room 3, continued

RG-2791	1207p	-	1267vv
RG-2785	1219fp	-	1268vv
RG-2770	1183p	-	1268r

Room 6

RG-2799	1066p	-	1111vv
RG-2798	1064p	-	1136vv

Room 8

RG-2801	1094	-	1130vv
RG-2800	1089p	-	1182vv

COMMENTS:

Occupation in the middle to late 13th century is probable, although no cutting dates are available for precise placement.

Fort Stanton Ruin

MAP REFERENCE: V-5

ALTERNATE NAME/NUMBER: None known

LOCATION:

Fort Stanton Ruin is on the U.S. Marine Hospital Reservation about 50 miles northeast of Alamogordo in Lincoln County, New Mexico.

DESCRIPTION:

There is no description of this site available.

SOURCE OF COLLECTION:

These samples were collected by J. Dyson at an unknown time.

REFERENCES:

Site Description: None

Published Dates: None

DATES:

No Provenience

FSR-5	1275p	-	1346vv
FSR-6	1295p	-	1354r
FSR-3	1302p	-	1363vv

COMMENTS:

There are few dates and little site information to assist interpretation.

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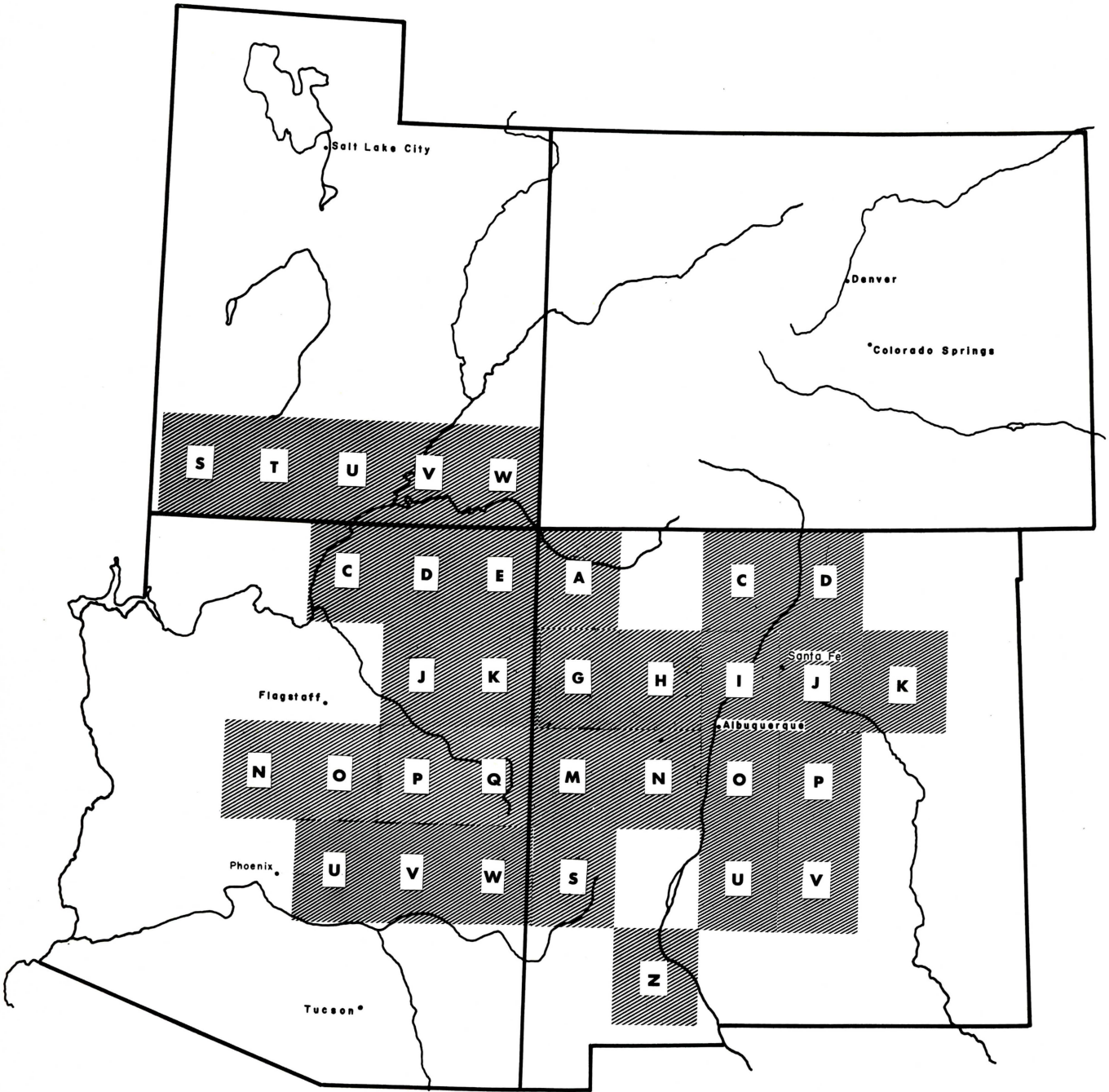
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