



Reply to: 4060 Research Facilities

Date: October 20, 1982

Subject: Cerro Mojino Proposed Pinyon-Juniper Research Natural Area

To: Larry Schmidt, Soil & Water

The <sup>rejected</sup> Cerro Mojino proposed pinyon-juniper Research Natural Area was visited July 30, 1982, by Kent Dunston, Carson National Forest; Reggie Fletcher and Gassaway Brown of the Regional Office. Cerro Mojino is a basalt flow approximately a section in area residing in Sections 7 and 18, T. 25 N., R. 10 E., and Sections 12 and 13, T. 25 N., R. 9 E. Elevation ranges from 7,550 to 7,935 feet.

Cerro Mojino was formed from several basaltic flows. Most of the surface is sufficiently covered with stone size rock fragments deterring livestock use. This light livestock use indicated the hill might be sufficiently pristine to merit placement in the Research Natural Program as a pinyon-juniper community representative.

Plant species encountered are typical of *Juniperus monosperma*-*J. scopulorum*-*Pinus edulis*-*Artemisia tridentata* communities. However, development allowed by the stony surface was not as good as that desired of a Research Natural Area. Phenologically, the time of the survey was less than ideal. However, nonflowering species were equally as poorly represented as those collected in flower. The stony surface and poor diversity would limit research opportunities. Some use could be made of the relatively heavy winter elk concentration as it relates to the light use by cattle.

I recommend Cerro Mojino be retained in the Forest Plan as a possible RNA, but it should be held in reserve to be used only if no other suitable pinyon-juniper RNA is located. An active search for a substitute area should continue.

Enclosed is a list of species noted July 30, 1982. Additional community information is available if desired.

REGGIE A. FLETCHER  
Regional Botanist

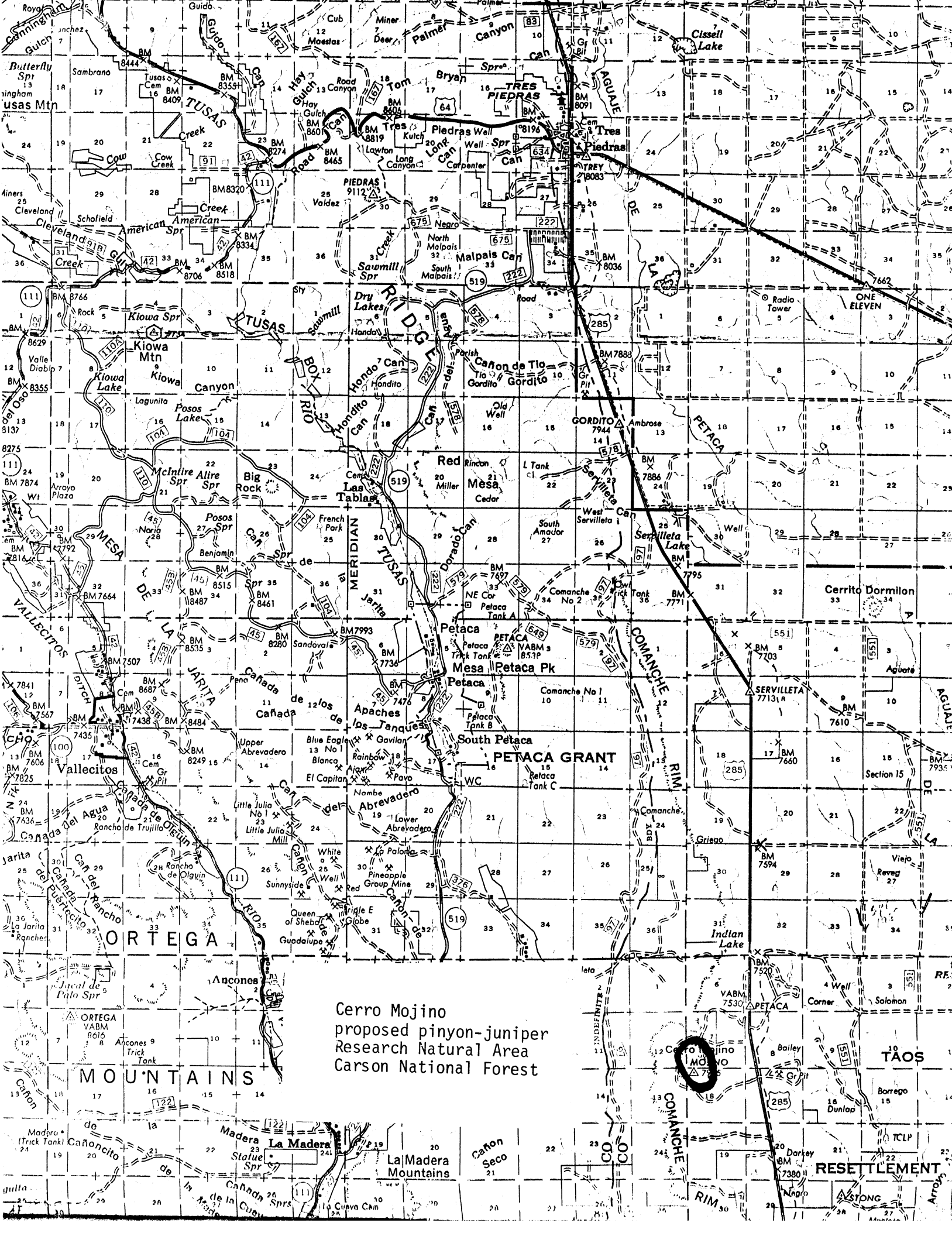
Enclosure



*revised*  
CERRO MOJINO SPECIES LIST

Agropyron smithii  
Allium cernuum  
Androsace septentrionalis  
Aristida fendleriana  
Artemisia ludoviciana  
Artemisia tridentata  
Astragalus ripleyi  
Atriplex canescens  
Bahia dissecta  
Bouteloua curtipendula  
Bouteloua gracilis  
Carex pityophila  
Cercocarpus montanus var. montanus  
Chenopodium sp.  
Chrysopsis canescens  
Chrysothamnus pulchellus  
Cirsium sp.  
Coryphantha vivipara  
Descurainia sp.  
Echinocereus triglochidiatus var. triglochidiatus  
Echinocereus triglochidiatus var. neomexicanus  
Echinocereus viridiflorus  
Erigeron flagellaris  
Eriogonum jamesii  
Eriogonum racemosum  
Festuca arizonica  
Gutierrezia sarothrae  
Hilaria jamesii  
Juniperus monospermae  
Juniperus scopulorum  
Koeleria cristata  
Lesquerella intermedia  
Leucelene ericoides  
Lithospermum incisum  
Opuntia phaeacantha  
Opuntia polyacantha  
Oryzopsis hymenoides  
Oryzopsis micrantha  
Oxybaphus linearis var. linearis  
Penstemon linarioides  
Phoradendron juniperinum  
Pinus edulis  
Piptochactium fimbriatum  
Poa fendleriana  
Polygonum swatchense  
Quercus gambellii

Quercus undulata  
Ribes leptanthum  
Sisymbrium linearifolium  
Sitanion hystrix  
Solidago petradoria  
Tetradymia canescens  
Viguieria multiflora  
Yucca baccata  
Yucca glauca

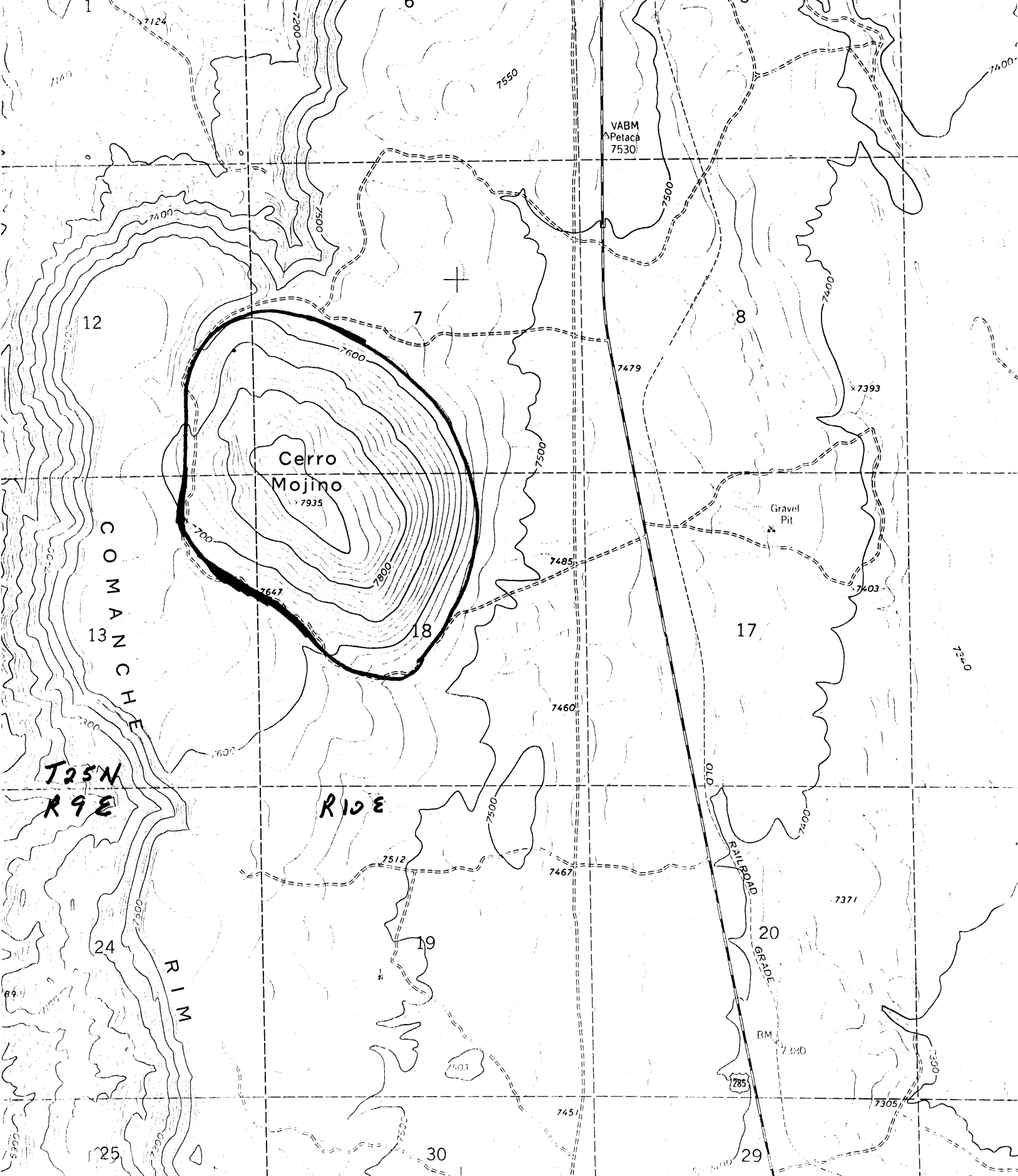


Cerro Mojino  
proposed pinyon-juniper  
Research Natural Area  
Carson National Forest

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United States  
Department of  
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Forest  
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Reply to: 4060 Research Facilities

Date: November 5, 1982

Subject: Botanical Information on Proposed Natural Areas

To: Forest Supervisor, Carson NF

Enclosed is some followup work by Reggie Fletcher, Regional Botanist, on the botanical characteristics of natural areas that have been proposed. We believe you will find this information interesting and valuable.

If you have specific questions on the botanical feature, please contact Reggie at 766-2428.

DON RENTON  
RNA Committee Chairman

Enclosure

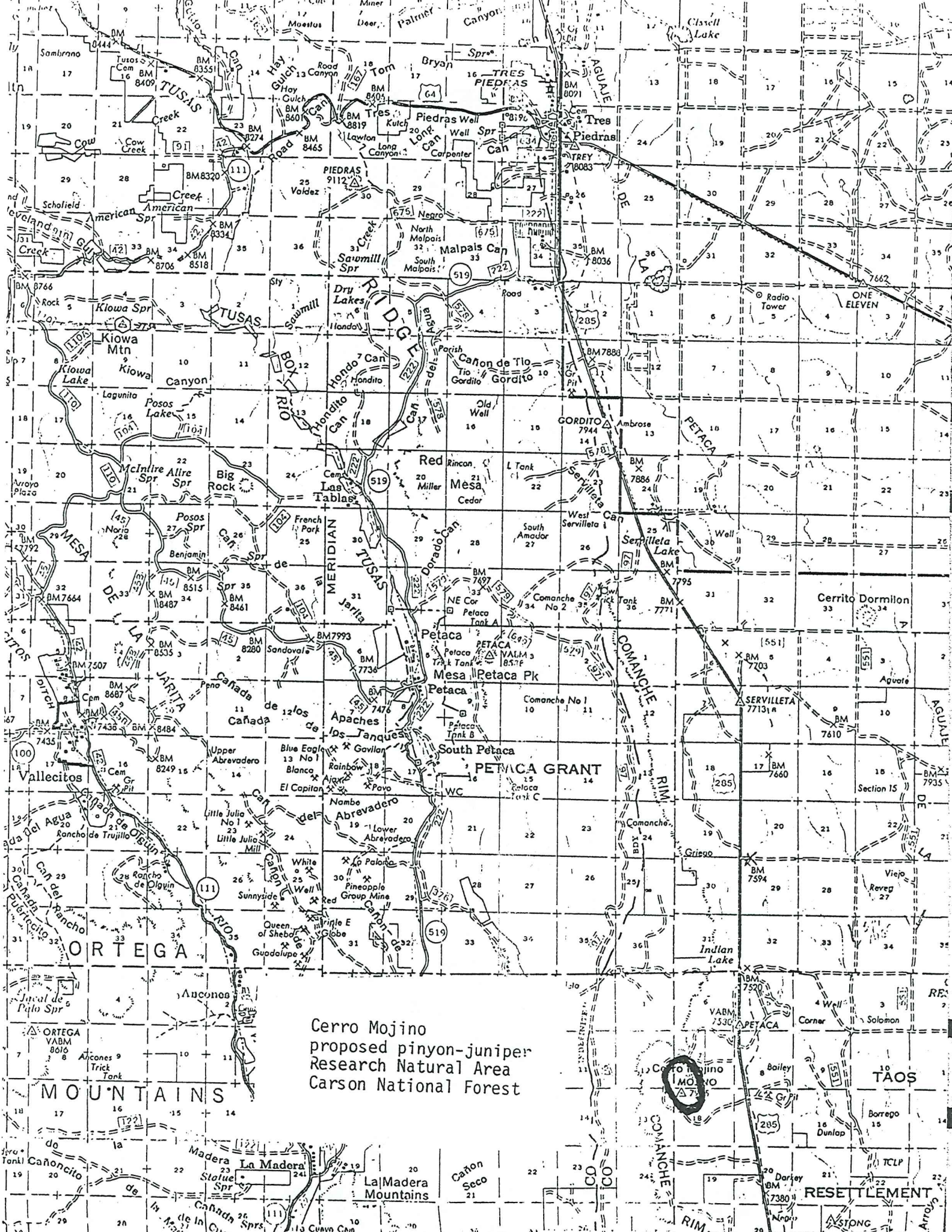
cc: Tres Piedras Ranger District



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Carex pityophila  
Cercocarpus montanus var. montanus  
Chenopodium sp.  
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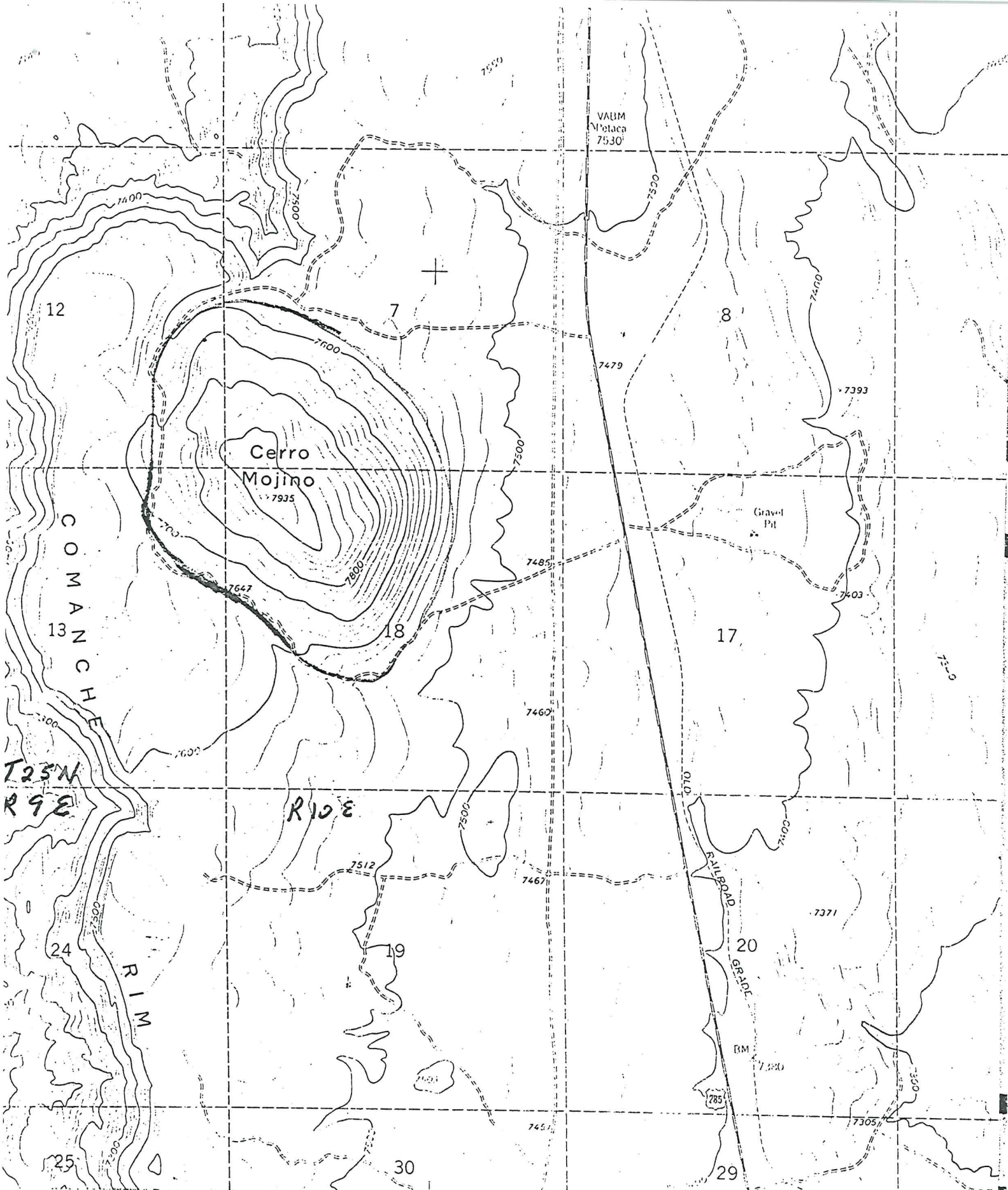


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Cerro Mojino

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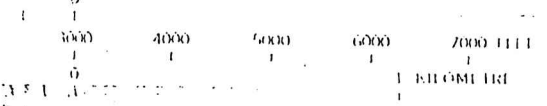
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