

**QUALITATIVE RANGELAND HEALTH
ASSESSMENT FOR LAS HUERTAS CREEK
ALLOTMENT #972 IN SANDOVAL
COUNTY, NEW MEXICO**

Prepared for

BUREAU OF LAND MANAGEMENT

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Prepared by

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Environmental Planning • Regulatory Compliance

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Evaluation Sheet (front)

Aerial Photo: NRCS
 Management Unit: 972 State: NM Office: RPPD Range/Ecol. Site Code: R070XE121NM
 Ecological Site Name: Yellow Limy ^(Allotment or pasture) Savannah Soil Map Unit/Component Name: Pasture Loam
 Observers: B. Harper, M. McDonald, R. Klattekar Date: 8/19/07
 Location (description): Flat mesa/ridge top
 T. R. or N. lat. Or UTM E 367381 m Position by GPS ON N
 UTM Zone 13N Datum NAD83
 Sec. W. long. N 3913169 m Photos taken 10 / N N-61 E-62
 Size of evaluation area: 1 acre, circle 117.4' radius 9.63 W-64 T-65
 Composition (Indicators 10 and 12) based on: Annual Production, Cover Produced, During Current Year or Biomass

Soil/site verification:
 Range/Ecol. Site Descr. Soil Surv., and/or Ecol. Ref. Area: Evaluation Area: Scattered 1/2-1" limestone cobbles on
 Surface texture: Loamy Alluvium Surface texture: Gravelly Clay
 Depth: very shallow shallow moderate deep Depth: very shallow shallow moderate deep surface
 Type and depth of diagnostic horizons: Type and depth of diagnostic horizons:
 1. 3. Caliche @ 20" 1. Clay loam 3.
 2. 4. 2. Cobble granular
 Surf. Efferv.: none v. slight slight strong violent Surf. Efferv.: none v. slight slight strong violent
 Parent material lime sand Slope 6% Elevation 5550 ft. Topographic position Flat mesa/ridge Aspect 790°
 Average annual precipitation 13-14 inches Seasonal distribution Summer rains dominate

Recent weather (last 2 years) (1) drought , (2) normal , or (3) wet .

Wildlife use, livestock use (intensity and season of allotted use), and recent disturbances:
Horse droppings. No signs of heavy grazing. Deer evident scat, tracks

Off-site influences on evaluation area:
Transmission line running through allotment
Gravel pit operation to north. Residential to east. Neither affecting site at this time.

Criteria used to select this particular evaluation area as REPRESENTATIVE (specific info. and factors considered; degree of "representativeness")
Area is flat mesa top with warm and cool season grasses dominant. No steep slopes as in some of the allotment

Other remarks (continue on back if necessary)
Heavy Russian thistle. Young junipers invading. Deposition from road caused possible flow to drainage problems.

Reference: (1) Reference Sheet: 70-121 ; Author: M. McDonald ; Creation Date: 8-18-07
 or (2) Other (e.g., name and date of ecological site description; locations of ecological reference area(s))
Ecological Site Description E. Loviaget 07/05/02 R070XE121NM