

Resume

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Resume

- 1. NAME: Jerry Holechek
- 2. TITLE AND SPECIALIZATION:  
Professor – Range Science
- 3. EDUCATION:

<u>Degree</u>	<u>Institution</u>	<u>Major</u>	<u>Dates Attended</u>	<u>Dates of Degree</u>
B.S.	Oregon St. Un	Biol/Wlsc	1970-1971	1970
M.S.	Montana St. Un.	Rg.Sc	1974-1976	1976
Ph.D.	Oregon St. Un	An. Nutr./RgSc	1976-1979	1980

4. NON-ACADEMIC PROFESSIONAL AND RESEARCH EXPERIENCE:

<u>Employer</u>	<u>Nature of Work</u>	<u>Total Title</u>	<u>Date</u>	<u>Years</u>
Or. Wild. Comm	Wild. Habit. Impr.	Hab. Biol.	1970-1971	1
U.S. Army	Field Artillery		1971-1974	3
Mont. St. Un.	Strip Mine Reclam.	Res. Asst.	1974-1976	2
Or. St. Un.	Grazing-Rg. Nutr.	Res. Asst.	1976-1979	3
NMSU	Rg. Animal Ecol.	Professor	1979-present	22

5. TEACHING EXPERIENCE

<u>Institution</u>	<u>Title</u>	<u>Total Specialization</u>	<u>Dates</u>	<u>Years</u>
New Mex. St. Un.	Professor	Rg. Animal Ecol.	1979	22

6. PRESENT APPOINTMENT

Asst. Prof. to Assoc. Professor: July 1, 1983  
 Tenure: July 1, 1984  
 Assoc. Prof. to Professor: July 1, 1987

7. PERCENT OF BUDGETED TIME:

Teaching 35%  
 Research 65%

8. COURSES CURRENTLY TAUGHT AT NMSU:

Fall Semester

RgSc 520	Range Animal Ecology	3 credits	odd numbered years
RgSc 611	Prin. & Eval. Rg. Improvement	3 credits	even numbered years

Spring Semester

RgSc 294	Range Management	3 credits
RgSc 317	Range Communities	3 credits

9. COURSES TAUGHT IN PREVIOUS YEARS AT NMSU: (Total 11)

- a. RgSc 294 Range Management
- b. RgSc 317 Range Communities
- c. RgSc 325 Range Improvements
- d. RgSc 402 Undergraduate Seminar
- e. RgSc 471 International Range Livestock Production
- f. RgSc 456 International Range Management
- g. RgSc 511 Noxious Plant Control
- h. RgSc 513 Advanced Range Ecology
- i. RgSc 515 Graduate Seminar
- j. RgSc 520 Range Animal Ecology
- k. RgSc 611 Principles & Evaluations of Range Improvements

10. NUMBER OF GRADUATE STUDENTS ADVISED:

	<u>Present</u>	<u>1979-2000</u>
Masters	3	18
Ph.D.	6	12
Post-Doctoral	0	1

11. UNIVERSITY, COLLEGE, AND DEPARTMENT COMMITTEES:

University

1986	Northcentral Departmental Review Committee
1995-1997	University Curriculum Committee

College Committees

1988	Game Ranching Committee
1989	Publications Committee
1985-1995	Promotion & Tenure Committee
2001	Ad Hoc Publications Committee

Departmental Committees

1987-2002	Range Science Curriculum Committee
1987-2002	Range Science Graduate Committee
1989-1995	Promotion and Tenure Committee
1996-2000	Chihuahuan Desert Rangeland Research Center Steering Committee
2001	Promotion and Tenure Committee

12. PROFESSIONAL SOCIETIES:

- 1984-1989 Newsletter Editor, NM Section, Society for Rg. Management
- 1987-1989 Inform. & Education Committee Chairman, NM Section, Society for Range Management
- 1990-1994 Editorial Board, Journal of Range Management, Society for Range Management
- 1992 President, NM Section, Society for Range Management
- 1992-1994 Advisory Council, Society for Range Management
- 1992-1997 Newsletter Editor, NM Section, Society for Rg. Management

13. NATIONAL AND STATE COMMITTEES:

- 1994 - U.S. Dept. Interior Committee on Grazing Fee Incentives
- 1998 - U.S. Dept. Interior – Fish & Wildlife Service – Southwestern Willow Flycatcher Recovery Team
- 2001 - New Mexico Black-tailed Prairie Dog Working Group

14. TEN MOST SIGNIFICANT PUBLICATIONS: Total 128 Refereed Journal Publications

Holechek, J.L., M. Vavra, and J. Skovlin. 1981. Diet quality and performance of cattle on forest and grassland range. *J. Anim. Sci.* 53:291-298.

Holechek, J.L., M. Vavra, and D. Arthun. 1982. Relationships between performance, intake, diet nutritive quality, and fecal nutritive quality of cattle on mountain range. *J. Range Manage.* 35:741-744.

Holechek, J.L. 1988. An approach for setting the stocking rate. *Rangelands* 10:10-14.

Holechek, J.L., A. V. Munshikpu, L. Saiwana, G. Nunez-Hernandez, R. Valdez, J.D. Wallace, and M. Cardenas. 1990. Influences of six shrub diets varying in phenol content on intake and nitrogen retention by goats. *Tropical Grassl.* 24:93-98.

Holechek, J.L. 1993. Policy changes on federal rangelands: A perspective. *J. Soil and Water Conservation.* 48:166-174.

Holechek, J.L., J. Hawkes, and T.D. Darden. 1994. Macro-economics and cattle ranching. *Rangelands* 16:118-123.

Holechek, J.L., A. Tembo, A. Daniel, M.J. Fusco, and M. Cardenas. 1994 Long term grazing influences on Chihuahuan Desert Rangeland. *The Southwestern Naturalist* 39:342-349.

Holechek, J.L. and K. Hess, Jr. 1995. Government policy influences on rangeland conditions in the United States: A case example. *Environmental Monitoring and Assessment* 37:1-9.

Holechek, J.L., R.D. Pieper, and C.H. Herbel. 1998. *Range Management: Principles and Practices*. Third Edition. Prentice-Hall, Upper Saddle River, NJ.

Holechek, J.L., R. Cole, J. Fisher, and R. Valdez. 2000. *Natural Resources: Ecology, Economics, and Policy*. Prentice-Hall, Upper Saddle River, NJ.

## 15. OFF-CAMPUS CONSULTING:

Consultant, Sheldon National Wildlife Refuge, 1994  
 Consultant, U.S. Forest Service, Copper Allotment Grazing Survey, 1996, 1997  
 Consultant, U.S. Forest Service, Y and Long Canyon Grazing Surveys, 1997  
 Consultant, U.S. Forest Service, Sacramento Allotment Grazing Survey, 1997  
 Consultant, Lazy Triangle Anchor Ranch, 1997-2000  
 Consultant, Chilton Ranch, 1998-2000  
 Consultant, York Ranch, 1999-2001  
 Consultant, Burlington Northern Railroad, 2001  
 Consultant, City of El Paso, 2000-2001  
 Consultant, Mescalero Apache Indian Reservation 1998-2001  
 Consultant, Modrail Sperling Law Firm, 1998-2001

## 16. AWARDS

Distinguished Research Award, College of Agriculture & Home Economics, NMSU, 1986  
 President's Award, New Mexico Section, Society for Range Management, 1997  
 Outstanding Achievement Award, Society for Range Management, 1998

## 17. LANGUAGES:

French            2 years of study  
 Spanish          3 years of study

18. NUMBER OF INVITED PAPERS: 26

19. NUMBER OF INVITED TALKS: 56

20. TOTAL NUMBER OF PROFESSIONAL PUBLICATIONS: 204

21. TOTAL NUMBER OF REFEREED JOURNAL ARTICLES: 128

22. TOTAL NUMBER OF BOOKS: 2

## 23. LISTING OF REFEREED JOURNAL ARTICLES:

1. Holechek, J.L. 1980. Livestock grazing impacts on rangeland ecosystems. *J. Soil and Water Cons.* 35:162-165
2. Holechek, J.L. 1980. Concepts concerning forage allocation to livestock and big game. *Rangelands* 2:158-160.
3. Vavra, M. and J.L. Holechek. 1980. Factors influencing microhistological analysis of herbivore diets. *J. Range Manage.* 33:371-374.
4. Holechek, J.L. 1981. Initial establishment of four species on a mine spoils. *J. Range Manage.* 34:76-77.
5. Holechek, J.L. 1981. A brief history of range management in the United States. *Rangelands* 3:16-18.

6. Holechek, J.L. 1981. Livestock grazing impacts on public lands: A viewpoint. *J. Range Manage.* 34:251-254 (invited paper).
7. Holechek, J.L. and M. Vavra. 1981. Effect of slide and frequency observation number on microhistological analysis. *J. Range Manage.* 34:337-338.
8. Holechek, J.L. 1981. Crested wheatgrass. *Rangelands* 3:151-153.
9. Holechek, J.L. 1981. Rangeland management for upland gamebirds. *Rangelands* 3:163-165.
10. Holechek, J.L., E. Deput, J.G. Coenenberg, and R. Valdez. 1981. Fertilizer effects on seeding mixture establishment in southeastern Montana. *J. Soil and Water Cons.* 36:241-245.
11. Holechek, J.L., M. Vavra, and J. Skovlin. 1981. Diet quality and performance of cattle on forest and grassland range. *J. Animal Sci.* 53:291-299.
12. Holechek, J.L. 1981. Brush control impacts on rangeland wildlife. *J. Soil and Water cons.* 36:265-270.
13. Holechek, J.L. 1982. Rangeland management for mule deer. *Rangelands.* 3:18-24.
14. Holechek, J.L. 1982. Fertilizer effects on biomass relationships of four species. *J. Range Manage.* 35:39-43.
15. Holechek, J.L., M. Vavra, J. Skovlin, W. Krueger. 1982. Cattle diets in the Blue Mountains of Oregon, I. Grasslands. *J. Range Manage.* 35:109-112.
16. Holechek, J.L., M. Vavra, and R.D. Pieper. 1982. Methods for determining nutritive quality of range ruminant diets. *J. Anim. Sci.* 54:353-378 (invited paper).
17. Holechek, J.L. 1982. Sample preparation techniques for microhistological analysis. *J. Range Manage.* 35:267-269.
18. Holechek, J.L., B. Gross, S. Dabo, and T. Stephenson. 1982. Effects of growth stage and observer on microhistological analysis. *J. Wildl. Manage.* 46:502-505.
19. Holechek, J.L., M. Vavra, J. Skovlin, and W. Krueger. 1982. Cattle diets in the Blue Mountains of Oregon, II. Forests. *J. Range Manage.* 35:239-243.
20. Holechek, J.L. 1982. Root biomass on native range and mined lands in southeastern Montana. *J. Range Manage.* 35:185-188.
21. Holechek, J.L., E. Deput, J. Coenenberg, and R. Valdez. 1982. Legume establishment on mined lands in southeastern Montana. *J. Range Manage.* 35:298-300.
22. Holechek, J.L., M. Vavra, and R.D. Pieper. 1982. Methods for determining the botanical composition of range herbivore diets: a review. *J. Range Manage.* 35:309-316 (invited paper).

23. Holechek, J.L., E. Deput, J. Coenenberg, and R. Valdez. 1982. Long term plant establishment on mined lands in southeastern Montana. *J. Range Manage.* 35:522-525.
24. Arthun, D. and J.L. Holechek. 1982. The American Bison. *Rangelands* 4:123-126.
25. Holechek, J.L., R. Valdez, R.D. Pieper, S. Schemnitz, and C. Davis. 1982. Livestock grazing strategies for wildlife enhancement. *Wildl. Soc. Bull.* 10:204-210.
26. Holechek, J.L., J.S. Shenk, D. Arthun, and M. Vavra. 1982. Prediction of forage quality using near infrared spectroscopy of esophageal fistula samples from cattle on mountain range. *J. Anim. Sci.* 55:971-976.
27. Holechek, J.L. and B.D. Gross. 1982. Training needed for quantifying simulated diets from fragmented range plants. *J. Range Manage.* 35:644-647.
28. Holechek, J.L. and M. Vavra. 1982. Forage intake by cattle on forest and grassland range. *J. Range Manage.* 35:640-645.
29. Holechek, J.L., M. Vavra, and J. Skovlin. 1982. Cattle diet and performance on mountain meadows in Oregon. *J. Range Manage.* 35:652-655.
30. Holechek, J.L. and M. Vavra. 1982. A comparison of micro- and macro- digestion methods for fiber analysis. *J. Range Manage.* 35:746-748.
31. Holechek, J.L. and B.D. Gross 1982. Evaluation of diet calculation procedures for microhistological analysis. *J. Range Manage.* 35:743-745.
32. Holechek, J.L., D. Arthun, and M. Vavra. 1982. Relationships between cattle performance, diet nutritive quality, fecal nutritive quality and forage intake on forest and grassland range. *J. Range Manage.* 35:732-737.
33. Holechek, J.L. and C. Herbel. 1982. Seasonal suitability grazing in the western United States. *Rangelands* 4:252-255.
34. Gross, B.D., J.L. Holechek, D. Halford, and R.D. Pieper. 1983. Effectiveness of antelope pass structures on the restriction of livestock. *J. Range Manage.* 36:22-25.
35. Holechek, J.L. and M. Vavra. 1983. Drought effects on diet and weight gains of yearling heifers in northeastern Oregon. *J. Range Manage.* 36:227-231.
36. Holechek, J.L. and M. Vavra. 1983. Fistula sample numbers required to determine cattle diets on forest and grassland range. *J. Range Manage.* 36:323-326.
37. Holechek, J.L. and T. Stephenson. 1983. Comparison of big sagebrush vegetation in northcentral New Mexico under moderately grazed and grazing excluded conditions. *J. Range Manage.* 36:455-457.
38. Gross, B.D., E. Mahgoub, and J.L. Holechek, 1983. Mastication effects on cattle diets determined by microhistological analysis. *J. Range Manage.* 36:475-477.
39. Holechek, J.L. 1983. Considerations concerning grazing systems. *Rangelands.* 5:208-211.

40. Jasmer, G. and J.L. Holechek. 1984. Determining grazing intensity on rangelands. *J. Soil and Water Cons.* 39:32-36.
41. Holechek, J.L. 1984. Comparative contributions of grasses, forbs, and shrubs to the nutrition of range ungulates. *Rangelands* 6:245-248.
42. Stephenson, T.E., J.L. Holechek, and C.B. Kuykendall. 1985. Drought effect on pronghorn and other ungulate diets. *J. Wildl. Manage.* 49:146-152.
43. Holechek, J.L. and R. Valdez. 1985. Magnification and shrub stemmy material influences on fecal analysis accuracy. *J. Range Manage.* 38:350-352.
44. Holechek, J.L. and R. Valdez. 1985. Evaluation of in vitro digestion for improving botanical estimates of mule deer fecal samples. *J. Mammalogy* 66:574-577.
45. Wofford, H., J.L. Holechek, M.L. Galyean, J.D. Wallace, and M. Cardenas. 1985. Evaluation of fecal indices to predict cattle diet quality. *J. Range Manage.* 38:450-455.
46. Stephenson, T.E., J.L. Holechek, and C.B. Kuykendall. 1985. Diet of four ungulates on winter range in northcentral New Mexico. *Southwestern Naturalist* 30:55-58.
47. Mubanga, G., J.L. Holechek, R. Valdez, and S.D. Schemnitz. 1985. Relationships between diet and fecal nutritive quality in mule deer. *Southwestern Naturalist* 30:64-67.
48. Holechek, J.L., M.L. Galyean, H. Wofford, D. Arthun, and J.D. Wallace. 1985. Relationships between cattle forage intake and fecal physical characteristics. *Nutrition Repts. Int'l.* 4:371-376.
49. Holechek, J.L., M.L. Galyean, J.D. Wallace, and H. Wofford, 1985. Evaluation of fecal indices for predicting phosphorus status of cattle. *Grass and Forage Science.* 10:332-336.
50. Holechek, J.L. and C. H. Herbel. 1986. Supplementing range livestock. *Rangelands* 8:29-33.
51. Holechek, J.L., H. Wofford, D. Arthun, M.L. Galyean, and J.D. Wallace. 1986. Evaluation of total fecal collection for measuring cattle forage intake. *J. Range manage.* 39:2-4.
52. Holechek, J.L., T.J. Berry, and M. Vavra. 1987. Grazing system influences on cattle performance on mountain range. *J. Range Manage.* 40:55-59.
53. Hakkila, M.D., J.L. Holechek, J.D. Wallace, D.M. Anderson, and M. Cardenas. 1987. Diet and forage intake of cattle on desert grassland range. *J. Range Manage.* 40:339-342.
54. Roth, T.E., J.L. Holechek, and M.Y. Hussaih. 1987. Germination response of three globemallow species to chemical treatment. *J. Range manage.* 40:173-175.
55. Musimba, N.K.R., M.L. Galyean, J.L. Holechek, and R.D. Pieper. 1987. Ytterbium-labeled forage as a marker for estimation of cattle fecal output. *J. Range Manage.* 40:418-421.



56. Mahgoub, E.F., R.D. Pieper, J.L. Holechek, J.D. Wright, and V.W. Howard, Jr. 1987. Botanical content of mule deer diets in southcentral New Mexico. *New Mexico J. Sci.* 27:21-27.
57. Holechek, J.L. 1988. An approach for setting the stocking rate. *Rangelands* 10:10-14.
58. Hakkila, J., J.L. Holechek, J.D. Wallace, D.M. Anderson, and M. Cardenas. 1988. Fecal indicators of cattle protein status on desert grassland range. *Nutrition Repts. Int'l.* 37:137-147.
59. Holechek, J.L., R.E. Estell, M.L. Galyean, and W. Richards. 1989. Chemical composition, in vitro digestibility, and in vitro VFA concentrations of New Mexico native forages. *Grass and Forage Science* 44:101-1.
60. Holechek, J.L., R.E. Estell, C.B. Kuykendall, R. Valdez, M. Cardenas, and G. Nunez-Hernandez. 1989. Seeded wheatgrass yield and nutritive quality on New Mexico sagebrush range. *J. Range Manage.* 42:118-122.
61. Holechek, J.L., C.B. Kuykendall, J. Jeffers, R. Valdez, and M. Cardenas. 1989. Manipulation on north central New Mexico rangeland to increase pronghorn and mule deer forage. *New Mexico J. Sci.* 29:51-60.
62. Nunez-Hernandez, G., J.L. Holechek, J.D. Wallace, M.L. Galyean, A. Tembo, R. Valdez, and M. Cardenas. 1989. Influence of native shrubs on nutritional status of goats: nitrogen retention. *J. Range Manage.* 42:228-232.
63. Holechek, J.L., A.V. Munshikpu, L. Saiwana, G. Nunez-Hernandez, R. Valdez, J.D. Wallace, and M. Cardenas. 1990. Influences of six shrub diets varying in phenol content on intake and nitrogen retention by goats. *Tropical Grasslands* 24:93-98.
64. Boutouba, A., J.L. Holechek, M.L. Galyean, G. Nunez-Hernandez, J.D. Wallace, and M. Cardenas. 1990. Influence of two native shrubs on goat nitrogen status. *J. Range Manage.* 43:530-534.
65. Hamedeh, S., C.V. Hulet, R.R. Rouda, and J.L. Holechek. 1990. Supplementation effects on sheep diet and weight on semi-desert range. *Sheep Ind. Dev. Res. Dig.* 7:162-167.
66. Holechek, J.L. 1991. Chihuahuan desert rangeland, livestock grazing and sustainability. *Rangelands* 13:115-120.
67. Nunez-Hernandez, G., J.D. Wallace, J.L. Holechek, M.L. Galyean, and M. Cardenas. 1991. Condensed tannins and nutrient utilization by lambs and goats fed low-quality diets. *J. Animal Sci.* 69:1167-1177.
68. Nunez-Hernandez, G., J.D. Wallace, J.L. Holechek, M.L. Galyean, D.W. King, and R.M. Kattinig. 1991. Mountain mahogany and cottonseed meal as supplements for grass hay. *J. Range Manage.* 44:497-500.
69. Neel, J.P., D.M. Manzanares, J.E. Kiesling, J.L. Holechek, G.B. Donart, T. Goodman, and M. Southward. 1991. Cattle diets on riparian and upland New Mexico pinyon-juniper range. *New Mexico J. Sci.* 31:84-88.

70. Holechek, J.L. and R.D. Pieper. 1992. Estimation of stocking rate on New Mexico rangelands. *J. Soil and Water. Conser.* 47:116-119.
71. Holechek, J.L. 1992. Financial aspects of cattle production in the Chihuahuan Desert. *Rangelands* 14:145-149.
72. Holechek, J.L. 1992. Financial benefits of range management practices in the Chihuahuan Desert. *Rangelands* 14:179-184.
73. Nunez-Hernandez, F., J.L. Holechek, D. Arthun, A. Tembo, J.D. Wallace, M.L. Galyean, M. Cardenas, and R. Valdez. 1992. Evaluation of fecal indicators for assessing energy and nitrogen status of cattle and goats. *J. Range Manage.* 45:143-147.
74. Arthun, D., J.L. Holechek, J.D. Wallace, M.L. Galyean, M. Cardenas, and S. Rafique. 1992. Forb and shrub influences on steer nitrogen retention. *J. Range Manage.* 45:133-136.
75. Arthun, D., J.L. Holechek, J.D. Wallace, M.L. Galyean, and M. Cardenas. 1992. Forb and shrub effect on ruminal fermentation in cattle. *J. Range Manage.* 45:519-522.
76. Alipayo, D., R. Valdez, J.L. Holechek, and M. Cardenas. 1992. Evaluation of microhistological analysis for determining ruminant diet botanical composition. *J. Range Manage.* 45:148-152.
77. Rafique, S., J.D. Wallace, J.L. Holechek, M.L. Galyean, and D. Arthun. 1992. Influence of forbs and shrubs on nutrient digestion and balance in sheep fed grass hay. *Small Ruminant Res.* 7:113-122.
78. Holechek, J.L. 1993. Policy changes on federal rangelands: A perspective. *J. Soil and Water Conser.* 48:166-174 (invited paper).
79. Holechek, J.L. and J. Hawkes. 1993. Desert and prairie ranching profitability. *Rangelands* 15:70-75.
80. Daniel, A., J.L. Holechek, R. Valdez, A. Tembo, L. Saiwana, and M. Cardenas. 1993. Range condition influences on Chihuahuan Desert cattle and jackrabbit diets. *J. Range Manage.* 46:296-301.
81. Daniel, A., J.L. Holechek, R. Valdez, A. Tembo, L. Saiwana, and M. Cardenas. 1993. Jackrabbit densities on fair and good condition Chihuahuan desert range. *J. Range Manage.* 46:524-528.
82. Holechek, J.L. and K. Hess, Jr. 1994. Free market policy for public land grazing. *Rangelands* 16:63-67.
83. Holechek, J.L., J. Hawkes, and T.D. Darden. 1994. Macro-economics and cattle ranching. *Rangelands* 16:193-194.
84. Holechek, J.L. and K. Hess, Jr. 1994. Brush control considerations: A financial perspective. *Rangelands* 16:193-194.

85. Holechek, J.L. 1994. Financial returns from different grazing management systems in New Mexico. *Rangelands* 16:237-240.
86. Holechek, J.L., A. Tembo, A. Daniel, M.J. Fusco, and M. Cardenas. 1994. Long term grazing influences on Chihuahuan desert rangeland. *Southwestern Naturalist* 39:342-349.
87. Smith, G., J.L. Holechek, and M. Cardenas. 1994. Cattle diets on excellent and good condition Chihuahuan desert rangelands. *J. Range Manage.* 47:405-409.
88. Rafique, S., J.D. Wallace, M.L. Galyean, and J.L. Holechek. 1994. Influence of forbs and shrubs on ruminal fermentation and digested kinetics in sheep fed a grass hay/stray diet. *J. Agro Forestry Systems* 24:95-104.
89. Fusco, M., J.L. Holechek, A. Tembo, A. Daniel, and M. Cardenas. 1995. Grazing influences on watering point vegetation in the Chihuahuan desert. *J. Range Manage* 48:32-38.
90. Clemente, F., R. Valdez, J.L. Holechek, and M. Cardenas. 1995. Pronghorn home range relative to permanent water in southern New Mexico. *Southwestern Naturalist* 40:38-41.
91. Holechek, J.L. and K. Hess, Jr. 1995. Government policy influences on rangeland conditions in the United States: A case example. *J. Environmental Monitoring and Assessment*. 37:1-9 (invited paper).
92. Hess, K., Jr. and J.L. Holechek. 1995. Policy roots of land degradation in the Arid Region of the United States: An overview. *J. Environmental Monitoring and Assessment*. 37:10-19.
93. Mohammad, A., R.D. Pieper, J. Wallace, J.L. Holechek, and L. Murray. 1995. Comparison of fecal analysis and rumen evacuation techniques for sampling diet botanical composition of grazing cattle. *J. Range Manage.* 48:202-206.
94. Holechek, J.L. and K. Hess, Jr. 1995. The emergency feed program. *Rangelands* 17:133-136.
95. Warren, A., J.L. Holechek, and M. Cardenas. 1996. Honey mesquite influences on Chihuahuan desert vegetation. *J. Range Manage.* 49:46-52.
96. Holechek, J.L. 1996. Drought and low cattle prices: hardship for New Mexico ranchers. *Rangelands* 18:11-13.
97. Holechek, J.L. 1996. Financial returns and range condition on southern New Mexico ranches. *Rangelands* 18:52-56.
98. Holechek, J.L. and K. Hess Jr. 1996. Grazing lands: Prices, value and the future. *Rangelands* 18:102-105.
99. Smith, G., J.L. Holechek and M. Cardenas. 1996. Wildlife numbers on excellent and good condition Chihuahuan desert rangelands. *J. Range Manage.* 49:489-493.
100. Holechek, J.L. 1996. Drought in New Mexico: prospects and management. *Rangelands* 18:225-227.

101. Holechek, J.L. and K. Hess, Jr. 1997. Market forces would benefit rangelands. *Forum for Appl. Res. & Public Policy* 11:10-15. (invited paper)
102. Holechek, J.L. and K. Hess, Jr. 1997. The grazing fee smokescreen. *Forum for Appl. Res. & Public Policy*: 16-17. (invited paper)
103. Holechek, J.L. 1997. The stock market: What ranchers should know. *Rangelands* 19:14-17.
104. Nelson, T., J.L. Holechek, R. Valdez and M. Cardenas. 1997. Wildlife numbers on late and mid-seral Chihuahuan desert rangelands. *J. Range Manage.* 50:593-600.
105. DeAlba, R., J. Winder, and J.L. Holechek. 1998. Diets of 3 cattle breeds on Chihuahuan desert rangeland. *J. Range Manage.* 51:270-275.
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