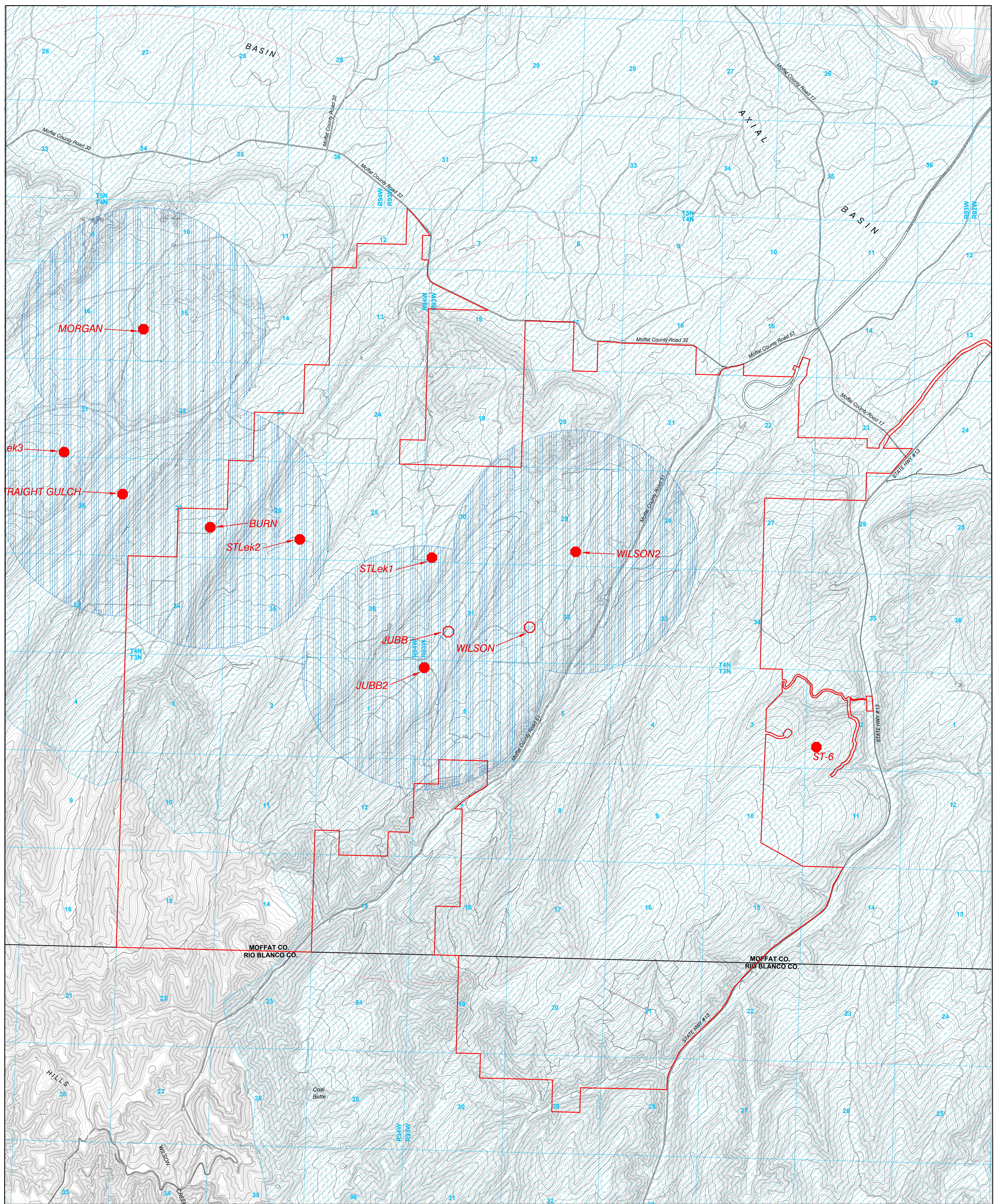
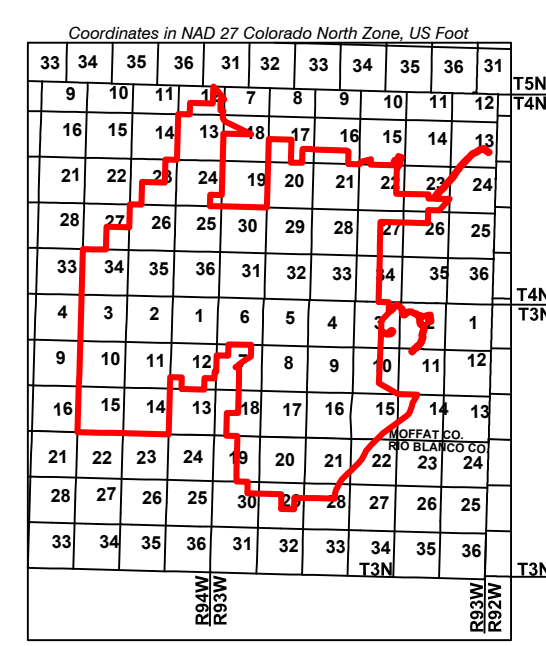
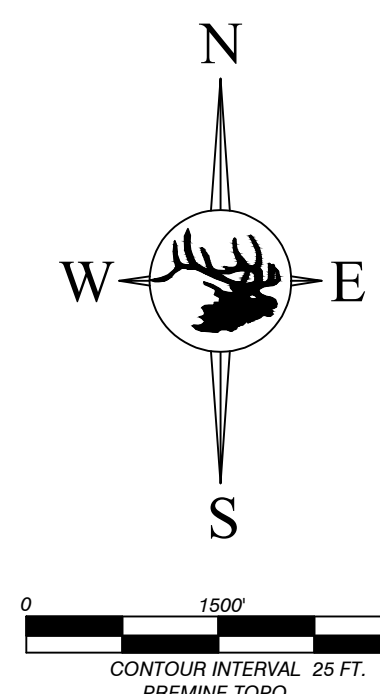




LEGEND

- Permit Boundary
- Section Line
- Columbian Sharp-tailed Grouse Lek - Active
- Columbian Sharp-tailed Grouse Lek - Inactive
- Columbian Sharp-tailed Grouse Overall Range
- Columbian Sharp-tailed Grouse Production Areas
- Columbian Sharp-tailed Grouse Winter Range

Mapping Information: Habitat Data Obtained from Colorado Division of Wildlife's Natural Diversity Information System database, updated August, 2008. Lek locations were determined from Cedar Creek's 2006 and 2007 field surveys.

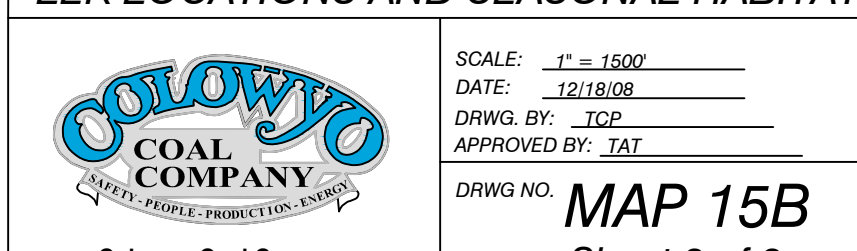


ENGINEERS CERTIFICATION

I, LEE E. SAMPSON, hereby certify that this map has been reviewed by me and is true and correct to the best of my knowledge and information, relying on information supplied by experts employed by Coloway Coal Company or qualified consultants working for Coloway Coal Company, and that I am a Professional Engineer licensed in Colorado as required by the provisions of C.R.S. 12-25-101 through C.R.S. 12-25-119. IN WITNESS WHEREOF, I have hereunder set my hand and affixed my seal.



WILDLIFE OBSERVATIONS: COLUMBIAN SHARP-TAILED GROUSE LOK LOCATIONS AND SEASONAL HABITAT



REVISION		DATE	BY	CHK
78-155	Updated Permit Boundary	12/20/18	TOWY	AA
78-155	Updated Permit Boundary, Added Map 16A Data	12/20/18	TOWY	AA
78-141	Updated Permit Boundary	8/13/20	TOWY	AA
78-155	Updated Permit Boundary	8/13/20	TOWY	TOWY