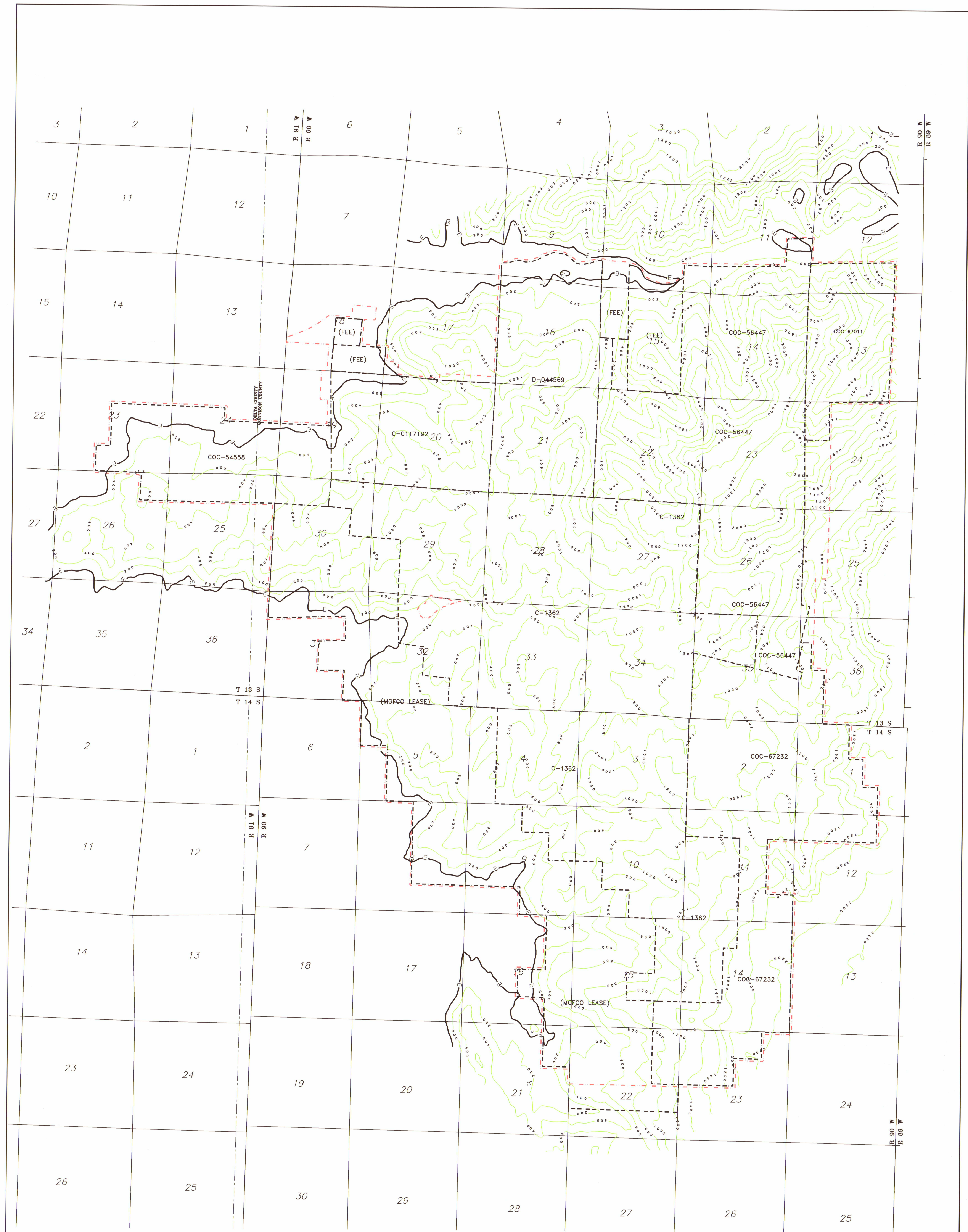


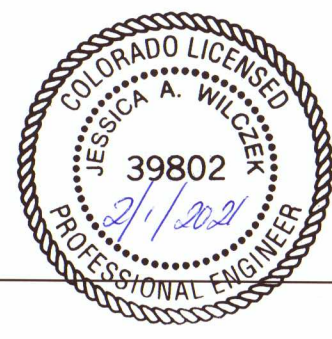


LEGEND

- Permit Area Boundary
- Coal Lease Boundary (Federal Lease
C-1362 Excludes 24.8 Acres In
Independent Reservoir A.K.A.
Minnesota Reservoir)
- 800
E
Contour of E-Seam Cover Thickness in Feet
- E-
E-Seam Outcrop

THIS DRAWING WAS PREPARED UNDER
MY SUPERVISION AND REPRESENTS
INFORMATION THAT IS ACCURATE TO
THE BEST OF MY KNOWLEDGE

Jessica A. Wilcox



DATE	BY
9-24-07	GBG
REVISION	
DATE	BY
3-24-08	GBG
3-19-08-PP-15	GBG
8-1-01-18-149	GBG

ARCH
WEST ELK

5174 Highway 133
Someset, CO 81434
Operated by Mountain Coal Company, L.L.C.
A subsidiary of Arch Resources, Inc.

**MAP 19
E-SEAM
OVERBURDEN**

COORDINATE
SYSTEM

SCALE 2000'
0 Feet

FILE NO.
TR-149-M19.DWG