

12+50

ARCHEOLOGY BUFFER - 4.6 ACRES

15+00

ROCK CHECK

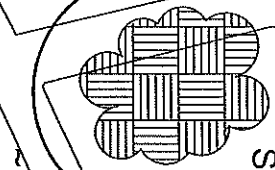
~250' DRAINAGE DITCH

17+50

12 LEFT TUF BH  
N:35713.40  
E:5852.06  
SURFACE EL: 6873'  
BOTTOM EL: 5612'  
BH DEPTH ~1253'  
12-1/4" DIAMETER BH  
8-5/8" DIAMETER CASING

~250' DRAINAGE DITCH

0.9 ACRE PAD



SOIL PILE

~100' STRAW WATTLES

ROCK CHECK

ACCESS ROAD OFF RCR#27  
~300' STRAW WATTLES

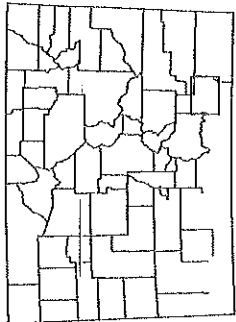
EXISTING FENCE LINE

ROUTT COUNTY ROAD #27

# 12 LEFT INBY TUF BH (CAMILLETTE LAND)

## Borehole Information

- Surface Elevation: 6,873'
- Top of Coal Elevation: 5,612'
- Total BH Depth: ~1253'
- Surface Casing Size: 14"
- Surface Casing Depth: 60'
- Borehole Diameter: 8-5/8"



## Ditch Design

10'

2'



TWENTYMILE COAL, LLC  
23615 RCR #27  
OAK CREEK, CO 80467

12 LEFT THICKENER UNDERFLOW BOREHOLE  
SURFACE PAD AND ACCESS ROAD  
MR17-307  
Exhibit EX49S-F4

|                                 |                          |
|---------------------------------|--------------------------|
| DESIGNED BY: Technical Services | COUNTRY: USA             |
| DRAWN BY: Technical Services    | STATE/PROVINCE/COLORADO  |
| APPROVED BY: Supervisor         | GCs: SECTION 20 TSN R07W |
| DATE: 2017-04-10                | DRAWING/SHEET: 1 of 1    |
| SCALE: 1" = 75'                 | C.L.: 0                  |

Representative Scale of Borehole and Access Road

