EXHIBIT 310-3
BULL MOUNTAIN MINE #1 BLASTING RECORD

SHOT #: _____ **DATE:** _____ **TIME BLAST:** _____

LOCATION OF BLAST: _____

DESCRIPTION: _____

NAME OF BLASTER: _____**LICENSE #:** _____

DIRECTION-DISTANCE TO NEAREST BUILDING/STRUCTURE NOT OWNED BY PERMITTEE:

NORTH _____ **SOUTH** _____ **EAST** _____ **WEST** _____

DISTANCE _____

WEATHER CONDITIONS: _____

TYPE MATERIAL BLASTED: **COAL** _____ **O.B.** _____ **OTHER:** _____

TOTAL # HOLES: _____ **PIT WIDTH:** _____

BURDEN: _____ **SPACING:** _____ **HOLE DIAMETER:** _____

AV HOLE DEPTH: _____ **STEM TYPE:** _____ **STEM DEPTH:** _____

TYPE EXPLOSIVES USED:	**AMOUNT OF EXPLOSIVES USED:**
BULK ANFO:	_____
EMULSION 100%	_____
EMULSIFIED ANFO 40/60	_____
EMULSIFIED ANFO 60/40:	_____
1 LB CST PRIMERS:	_____
TOTAL LBS EXPLOSIVES USED:	_____

MAXIMUM NUMBER OF HOLES WITHIN ANY 8 MILLISECOND PERIOD: _____

MAXIMUM WEIGHT OF EXPLOSIVES DETONATED WITHIN ANY 8 MILLISECOND PERIOD: _____

METHOD OF FIRE AND TYPR OF CIRCUIT: **18GR:** _____ **50 GR:** _____

DETCORD WITH – 17, 25, 42, 65, 100 MS DELAY _____**PATTERN.**

TRUNKLINE INITIATED WITH: _____

TYPE DELAY USED: **17MS** _____ **25 MS** _____ **42 MS** _____

65 MS _____ **100 MS** _____ **9 MS** _____

TOTAL USED: _____

METHOD OF PROTECTION: _____

ARE CLEARED FOR RE-ENTRY, INITIALS: _____

NUMBER OF BLASTING CREW MEMBERS: **BEFORE:** _____ **AFTER:** _____

COMMENTS:

_____

_____

SUPERVISOR IN CHARGE: _____