

**West Virginia State Fire Marshal  
APPROVED BLASTING LOG**

**General Information**

Company Conducting Blast \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Blast Location (NAD 27 or 83) N _____ W _____ Type of Blast _____ _____	Structure Location (NAD 27 or 83) N _____ W _____ Distance _____ ft. Direction _____ Owner/Address _____	Utility Location (NAD 27 or 83) N _____ W _____ Distance _____ ft. Direction _____ Description _____
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Material Blasted \_\_\_\_\_ Stemming/Inert Deck Material Type \_\_\_\_\_

Blasting Mats or Other Protection Used \_\_\_\_\_

Weather \_\_\_\_\_ Temperature \_\_\_\_\_ Wind Direction and Speed \_\_\_\_\_

**Borehole Information**

Row #	# Holes	Diameters	Depths	Burdens	Spacings	Subdrill	Top Stem Hts.	Inert Deck Hts.	Angles	Lbs/Hole
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Total Holes	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

**Explosives Information**

**Bulk**

ANFO lbs. \_\_\_\_\_ ANFO density \_\_\_\_\_

Emulsion lbs. \_\_\_\_\_ Emulsion density \_\_\_\_\_

Blend lbs. \_\_\_\_\_ Blend density \_\_\_\_\_

**Packaged**

Product Type	Lbs. Used	Units Used
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_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Total Explosive Lbs. \_\_\_\_\_

**Detonating Cord Type** \_\_\_\_\_ **Ft.Used** \_\_\_\_\_

**Detonator Information**

Detonator Type	Length	Delay	# Used
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_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Circle Initiation Type    Electric    Non-Electric    Electronic

Max. lbs/del \_\_\_\_\_    Closest Structure Scaled Distance \_\_\_\_\_    Closest Utility Scaled Distance \_\_\_\_\_  
 Powder Factor \_\_\_\_\_ lbs/yd<sup>3</sup> or tons/lb. or lb/ft<sup>2</sup>

**Seismograph Information**

Seismograph Monitoring     Yes     No    If triggered, full waveforms to be attached.

Seismograph Trigger?

Seismograph Location #1 N \_\_\_\_\_ W \_\_\_\_\_ Serial # \_\_\_\_\_    Yes     No   
 Location Description \_\_\_\_\_

Seismograph Location #2 N \_\_\_\_\_ W \_\_\_\_\_ Serial # \_\_\_\_\_    Yes     No   
 Location Description \_\_\_\_\_

Seismograph Operator \_\_\_\_\_ (Print)  
 \_\_\_\_\_ (Sign)

# Blast Sketch

Show North Arrow & Direction to Nearest Structure and Utility. Include Firing Time for Each Hole or Charge

Blaster-in-Charge \_\_\_\_\_ (Print) \_\_\_\_\_ (Signed)

WV Fire Marshal License Number \_\_\_\_\_

Comments or Unusual Conditions:

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