

Lives Saved by Barricading

Mine Name	State	Mineral	Date	Disaster Cause	Men Killed	Barricades Built	Confinement	Value of Barricades	
								Lives Saved	Lives Lost
<u>St. Paul</u>	Illinois	Coal	11/13/1909	Fire	259	2	7 days	20	—
<u>Victor American No. 3</u>	Colorado	Coal	11/08/1910	Explosion/Fire	79	2	5 days, 21 hrs.	18	—
<u>Cross Mountain</u>	Tennessee	Coal	12/09/1911	Explosion	84	1	58 hrs.	5	—
<u>San Bois No. 2</u>	Oklahoma	Coal	03/20/1912	Explosion	73	1	20 hrs.	13	1
<u>Eccles No. 6</u>	West Virginia	Coal	04/28/1914	Explosion	181	1	4 hrs.	35	—
<u>Layland No. 3</u>	West Virginia	Coal	03/02/1915	Explosion	112	2	4 days	46	1
<u>Boomer No. 2</u>	West Virginia	Coal	11/30/1915	Explosion	23	1	7 hrs.	27	—
<u>Sesser No. 1</u>	Illinois	Coal	03/15/1916	Fire	—	1	2 hrs.	95	—
<u>Oliphant-Johnson</u>	Indiana	Coal	12/19/1916	Explosion	2	2	2¾ hrs.	42	—
<u>Pittsburgh-Idaho</u>	Idaho	Lead and silver	01/03/1917	Fire	1	1	12 hrs.	8	—
<u>North Butte</u>	Montana	Copper	06/08/1917	Fire	138	3	36 hrs. 50 hrs. —	25 6 —	4 2 19
<u>West Kentucky No. 7</u>	Kentucky	Coal	08/04/1917	Explosion	62	2	3½ hrs.	43	—
<u>Villa</u>	West Virginia	Coal	05/20/1918	Fire	4	1	4 hrs.	—	9
<u>Amsterdam No. 2</u>	Ohio	Coal	10/29/1919	Fire	2	1	—	—	18
<u>Kathleen</u>	Illinois	Coal	02/23/1921	Fire	—	1	19 days	—	7
<u>Argonaut</u>	California	Gold	08/27/1922	Fire	1	2	21 days	—	46
<u>Dolomite No. 3</u>	Alabama	Coal	11/22/1922	Explosion	90	2	4 - 5 hrs.	50	—
<u>Frontier No. 1</u>	Wyoming	Coal	08/14/1923	Explosion	99	1	6 hrs.	22	—
<u>McClintoch</u>	Illinois	Coal	01/25/1924	Explosion	33	5	6 hrs.	47	—
<u>Cardinal</u>	Colorado	Pb, Au, Ag, Cu	12/05/1925	Fire	—	1	16 hrs.	20	1
<u>Jamison No. 8</u>	West Virginia	Coal	01/14/1926	Explosion	17	1	18 hrs.	20	2
<u>Eccles No. 5</u>	West Virginia	Coal	03/08/1926	Explosion	19	1	23 hrs.	10	—
<u>Industrial No. 18</u>	Illinois	Coal	01/09/1928	Explosion	21	1	Several hrs.	3	—
<u>East No. 5</u>	West Virginia	Coal	12/27/1929	Explosion	2	1	3 hrs.	12	—
<u>Standard Nos. 3 & 1</u>	Utah	Coal	02/06/1930	Explosion	20	1	24 hrs.	5	—
<u>Wolf Run</u>	Ohio	Coal	03/10/1930	Fire	2	3	Several hrs.	89	—
<u>Carbonado</u>	Washington	Coal	04/12/1930	Explosion	17	2	Several hrs.	16	—
<u>Sunday Creek No. 6</u>	Ohio	Coal	11/05/1930	Explosion	82	2	Several hrs.	19	7
<u>Little Betty</u>	Indiana	Coal	01/28/1931	Explosion	28	1	Several hrs.	7	—
<u>Glen Rogers No. 2</u>	West Virginia	Coal	02/21/1934	Explosion	4	2	Several hrs.	38	—
<u>Sinclair</u>	Indiana	Coal	04/03/1934	Tipple Fire	—	2	5½ hrs.	5	—
<u>Wolf Run</u>	Ohio	Coal	12/05/1935	Explosion	4	1	1 - 2 hrs.	20	—

See pages 2 and 3 for footnotes related to these incidents.

TABLE 1.—Summary of instances of barricading in the United States

No.	Name of mine	State	Mineral mined	Date	Kind of disaster	Men killed out-right ¹	Barricades built by miners	Length of confinement	Value of barricades	
									Lives saved	Lives lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	St. Paul (Cherry)	Illinois	Coal	Nov. 13, 1909	Fire	259	2	7 days	20	
2	Delagua	Colorado	do	Nov. 8, 1910	Explosion and fire	79	2	5 days and 21 hours	18	
3	Cross Mountain (Briceville)	Tennessee	do	Dec. 9, 1911	Explosion	84	1	58 hours	5	
4	San Bois No. 2 (McCurtain)	Oklahoma	do	Mar. 20, 1912	do	73	2	20 hours	13	1
5	Eccles No. 6	West Virginia	do	Apr. 28, 1914	do	181	1	4 hours	35	
6	Layland No. 3	do	do	Mar. 2, 1915	do	112	2	4 days	46	1
7	Boomer No. 2	do	do	Nov. 30, 1915	do	23	1	7 hours	27	
8	Besser No. 1	Illinois	do	Mar. 15, 1916	Fire		1	2 hours	95	
9	Oliphant-Johnson	Indiana	do	Dec. 19, 1916	Explosion	2	2	2¾ hours	42	
10	Pittsburgh-Idaho	Idaho	Lead and silver	Jan. 3, 1917	Fire	1	1	12 hours	8	
11	North Butte	Montana	Copper	June 8, 1917	do	138	3	36 hours 50 hours	25 6	4 2
12	West Kentucky No. 7	Kentucky	Coal	Aug. 4, 1917	Explosion	62	2	3½ hours	43	
13	Villa	West Virginia	do	May 20, 1918	Fire	4	1	4 hours		9
14	Amsterdam No. 2	Ohio	do	Oct. 29, 1919	do	2	1			18
15	Kathleen	Illinois	do	Feb. 23, 1921	do		1	19 days		7
16	Argonaut	California	Gold	Aug. 27, 1922	do	1	2	21 days		46
17	Dolomite No. 3	Alabama	Coal	Nov. 22, 1922	Explosion	90	2	4 to 5 hours	50	
18	Frontier No. 1	Wyoming	do	Aug. 14, 1923	do	99	1	6 hours	22	
19	McClintoch	Illinois	do	Jan. 25, 1924	do	33	5	do	47	
20	Cardinal	Colorado	Lead, gold, silver, copper	Dec. 5, 1925	Fire		1	16 hours	20	1
21	Jamison No. 8	West Virginia	Coal	Jan. 14, 1926	Explosion	17	1	18 hours	20	2
22	Eccles No. 5	do	do	Mar. 8, 1926	do	19	1	23 hours	10	
23	Industrial No. 18	Illinois	do	Jan. 9, 1928	do	21	1	Several hours	3	
24	East No. 5	West Virginia	do	Dec. 27, 1929	do	2	1	3 hours	12	
25	Standard Nos. 3 and 1	Utah	do	Feb. 6, 1930	do	20	1	24 hours	5	
26	Wolf Run	Ohio	do	Mar. 10, 1930	Fire	2	3	Several hours	89	
27	Carbonado	Washington	do	Apr. 12, 1930	Explosion	17	2	do	16	
28	Sunday Creek No. 6	Ohio	do	Nov. 5, 1930	do	82	2	do	19	7
29	Little Betty	Indiana	do	Jan. 28, 1931	do	28	1	do	7	

30	Glen Rogers No. 2.....	West Virginia.....	do.....	Feb. 21, 1934	do.....	4	¹¹ 2	do.....	38	-----
31	Sinclair.....	Indiana.....	do.....	Apr. 3, 1934	Tipple fire		¹² 2	5½ hours	5	-----
32	Wolf Run.....	Ohio.....	do.....	Dec. 5, 1935	Explosion.....	4	² 1	1 to 2 hours	20	-----
	Total.....	-----	-----	-----	-----	1,459	51	-----	766	117

¹ Add columns 7 and 11 to get total deaths in each mine; columns 10 and 11 together show how many men were behind the barricades.

² Canvas brattice.

³ Of these, 4 were lost after leaving the barricade and were gassed, 2 died from exhaustion behind the barricade, and 19 overlooked an open manway through which gases entered the bulkheaded drift.

⁴ Only partly built; men waited too long.

⁵ One built and another partly built, but an explosion blew down the first one.

⁶ Second barricade unfinished; air bad from start.

⁷ 1 started out from barricade too soon and was found dead; 1 horse saved.

⁸ 2 started out from barricade too soon and were found dead; 13 horses saved.

⁹ 22 men behind barricade of gob and canvas; 27 men between doors; 40 men inside of a door.

¹⁰ 19 men rescued alive from behind one barricade, 7 men found dead behind another barricade; men waited too long.

¹¹ 38 men behind closed doors reinforced with canvas; 3 later escaped around explosion area; 1 returned and led 35 from barricade.

¹² Sealed pair of entries using gob material plastered with mud; mine had only one opening to surface.