

Mine Bell Signs by Ted Bobrink

The Colorado State mine bell sign illustrated to the right was found recently by Steve Eady of Bisbee, Arizona.

Printed on cloth, the lettering is black on a white background. The sign is 34" long and 13" wide.

The name Walter E. Scott, Commissioner of Mines from 1934 to 1947, can be found at the bottom of the sign. The extensive use of bold lettering makes this sign somewhat unique and one of the most attractive cloth mine bell signs I have seen.

If you own or know about a mine bell sign you would like to see illustrated in the MAC newsletter, send us a clear closeup black and white photo and a complete description.

BUREAU OF MINES

STATE OF COLORADO

Code of Signals adopted by the State Bureau of Mines in accordance with Section 303, Chapter 110 Colorado Statutes Annotated, 1935

SIGNALS

1 Bell, HOIST

1 Bell, STOP, (if in motion)

3-3 Bells, CAGE RELEASE

2 Bells, LOWER

3 Bells, MEN ON

7 Bells, Shaft Accident and Danger Signal

The cage or other shaft conveyance must not be moved until further signals are given by means of 8 Bells, which shall signify conveyance is again free.

3-3-1 Bells, Hoist Slowly and with Great Care

3-3-2 Bells, Lower Slowly and with Great Care

3-4 Bells, Tools, Timber or Other Material on; Run Slowly

3-5-3 Bells, General Danger and Fire Alarm

This should be flashed on the electric lighting circuit as well as on the signal system.

3-2-1 Bells, Ready to Shoot, In or Near Shaft

Engineer shall stop a haul 3-2-1 raise cage, stop or bucket two feet and lower again and remain at his post until final signal is given and command executed.

The system of using one bell for release will be retained on smaller operations, especially shafts with pull bells.

LEVEL SIGNALS

1-1 Bells	1st Level	4-3 Bells	13th Level
1-2 "	2d "	4-4 "	14th "
1-3 "	3d "	4-5 "	15th "
1-4 "	4th "	5-1 "	16th "
1-5 "	5th "	5-2 "	17th "
2-1 "	6th "	5-3 "	18th "
2-2 "	7th "	5-4 "	19th "
2-3 "	8th "	5-5 "	20th "
2-4 "	9th "	6-1 "	21st "
2-5 "	10th "	6-2 "	22d "
4-1 "	11th "	6-3 "	23d "
4-2 "	12th "	6-4 "	24th "
		6-5 "	25th "

Approved:

WALTER E. SCOTT, JR.,

Commissioner of Mines