

State inspector of coal mines reports

Section 115, Pages 3421 - 3450

These reports of the Kansas State Mine Inspector mostly concern coal mining, though by 1929 the scope of the reports broadens to include metal mines. The content of individual reports will vary. The reports address mining laws and mining districts; industry production and earnings; fatal and non-fatal accidents; accident investigations and transcripts of oral interviews; labor strikes; mine locations; mining companies and operators; and proceedings of mining conventions. The reports document the political, economic, social, and environmental impacts of more than seventy years of mining in southeastern Kansas.

Creator: Kansas. Inspector of Coal Mines

Date: Between 1884 and 1956

Callnumber: SP 622 K13

KSHS Identifier: DaRT ID: 210191

Item Identifier: 210191

www.kansasmemory.org/item/210191

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF CRAWFORD COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923--Continued.

Office No.	Employees.					Number of days worked.	Explosives.		Accidents.		Remarks.
	Miners.	Under-ground day men.	Total under-ground.	Top men.	Total number of men employed.		Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
85	29	8	37	2	39	113	1,199	5,250			
86	5	1	6	1	7	177	70				Idle from January 1 to March 31, 1923.
87	3		3			124	60				
88	10	2	12	1	13	135	450	3,150			
89	2		2		3	34	22				
90	16	4	20	3	23	155	1,087	1,650			
91	3		3	1	4	200	300	600			
92	19	4	23	2	25	150	440				Idle from January 1 to November 6, 1923.
93	8	1	9	1	10	142	350	250			Idle from July 1 to December 31, 1923.
94	4		4	2	6	107	135				Leased to Progressive Coal Co.
95	5		5	2	7	90	100				Started to operate in September, 1923.
96	5		5		8	181	12	180			Idle from January 1 to March 31, 1923.
97	35	5	40	3	43	97	506	8,301	1	3	
98	14	3	17	2	19	160	670	5,850	1	1	
99	7		7	1	8	183	322	1,700			
100	3		3	1	4	67	12	89			Idle from January 1 to November 15, 1923.
101	2		2	1	3	108	89	175			
102	44	9	53	6	59	138	1,002	24,200		1	
103	65	17	82	9	91	16	445	678			Sold to Ryan & Reedy Coal Co.
104	3	1	4	1	5	71	70	50			
105	14	2	16	1	17	174	760	2,550			
106	3	1	4	1	5	82	80	100			Succeeded North Side Coal Co., November, 1923.
107	19	2	21	2	23	146	715	14,350			
108	40	7	47	4	51	130	1,368	7,284			Idle from January 1 to April 30, 1923.
109	87	19	106	8	114	84	2,760	1,150			Purchased from Pittsburg Northern Coal Co.
110	20		20		20	58	800	3,060			Reported under Wilson Coal Co.
111	7	1	8	1	9	211	615	1,950			Leased to Newlands & Haynie Coal Co.
112	3	1	4	1	5	120	120				
113	25	7	32	2	34	155	867	3,963			
114	6	2	8	1	9	179	394	800			
115	128	27	155	7	162	108	7,525	64,770	2	13	
116	149	20	169	8	177	146	6,260	36,000		11	
117	4		4	1	5	40	200				Shut down in March, 1923.
118	10		10		10	110	925	4,250			
119	10		10		10	110	925	4,250			

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120	18	7	25	5	30	41	289	672	Abandoned September 30, 1923.
121	36	9	45	3	48	78	1,358	2,728	Idle from April 1 to June 30, 1923.
122	22	5	27	4	31	15	70	2,000	Shut down from April 1 to December 31, 1923.
123	7	1	8	2	10	113	144		
124	12	2	14	3	17	152	235	8,950	
125	7		7	1	8	40	100	150	
126	5		5	2	7	46	46	100	
127	3	1	4	1	5	99	71	170	
128	4	1	5	1	6	75	173	700	
129	12	3	15	2	17	216	862	2,600	
130	3		3	1	4	123	165	1,000	
131	33	5	38	3	42	140	373	28,250	
132	4		4	2	7	125	425	3,375	
133	3	1	4	1	5	200	150	600	Leased from Ritchey & Bradley Coal Co.
134	3	1	4	1	5	200	150	600	
135	104	31	135	9	144	53	1,262	19,180	Leased to Knott Coal Co.
136	99	33	132	8	140	234	8,782	33,177	
137	106	23	129	9	138	225	6,976	57,900	
138	175	41	216	10	226	218	12,402	32,208	
139	131	39	170	10	180	217	9,805	53,951	
140									Abandoned.
141	143	37	180	10	190	219	9,849	55,574	
142	81	23	104	8	112	233	6,699	26,370	
143	210	43	253	10	263	193	13,299	95,614	
144	3		3	1	4	100	75	300	
145	3		3	1	4	133	118	450	
146	2		2	1	3	27	35		
147	35	7	42	4	46	140	1,200	12,650	
148	3	1	4	1	5	79	103	500	
149	15	2	17	2	19	190	1,108	812	
150	6	1	7	1	8	105	205	600	
151	2		2	1	4	70	135		
152	15	5	20	4	24	181	891	6,535	
153	86	40	126	8	134	167	5,245	18,411	
Totals	5,460	1,325	6,785	481	7,266	18,355	243,524	1,988,353	15 738

Mine Inspection Department.



PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF CHEROKEE COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923.

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Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine run coal.	Total number of tons of coal produced.
1	Atkinson Coal Co.	3	950	1,528	573	3,051
2	Atwood Coal Co. (R. A.)				4,922	4,922
3	Bennett Coal Co.				900	900
4	B. & H. Coal Co.				640	640
5	Big Four Coal Co.		302	354	335	1,091
6	Bradfield Coal Co.		240	210		450
7	Bradwood Coal Co.				1,125	1,125
8	Brassart Coal Co.				689	689
9	Britton & Barrow Coal Co.				1,091	1,091
10	Brohl & Grosschler Coal Co.	1	249	1,282	1,313	2,353
11	Brownie Coal Co. (G. A.)				722	722
12	Brunbach & Richardson Coal Co.				850	850
13	Butler & Glodius Coal Co.	2			363	363
14	Butler & Glodius Coal Co.	1			1,586	1,586
15	Cain Coal Co. (C.)				736	736
16	Clagg Coal Co.				400	400
17	Clemens Coal Co.	17	5,944	11,987		17,931
18	Collier Mathias Coal Co.		394	1,136	1,198	2,728
19	Calvin Coal Co.	3			50	50
20	Coon & Brainer Coal Co.	1	332	555	503	1,390
21	Corkle Coal Co. (James)				2,210	2,210
22	Corkle, Davidson & Scroggins Coal Co.				726	726
23	Davidson Coal Co.				426	426
24	Davis Melhuish Coal Co.				405	405
25	Dixon Coal Co.				750	750
26	Dehrrie Coal Co.				201	201
27	Delaney & Demsey Coal Co.				1,066	1,066
28	Diamond Coal Co.				1,604	1,604
29	Dixon Coal Co. (Ed.)				2,800	2,800
30	French & Crab Coal Co.				840	840
31	Fuller Coal Co.	1			1,166	1,166
32	Fuller Coal Co.				587	587
33	Gamble & Hubbard Coal Co.	4	1,166	1,800	82	3,048
34	Gay Coal Co. (M. C.)				300	300
35	Hiller Coal Co.		785	689	2,156	3,621

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36	Hursley & Fry Coal Co.	1			3,130	3,130
37	Hursley & Fry Coal Co.	1			3,568	3,568
38	Hurtle Coal Co.	1	300	300	600	600
39	Johnson Bros. Coal Co.				954	954
40	Johnson Coal Co. (Gr.)				639	639
41	Kansas Coal Co.	2			1,907	1,907
42	Kierl & Skahan Coal Co.	1			2,853	2,853
43	Kilger Bros. Coal Co.		2,939	3,281	1,715	1,715
44	Lightning Creek Coal Co.				6,220	6,220
45	Loose Star Coal Co.				3,420	3,420
46	Louisa Coal Co.	1	791	1,058	600	600
47	Magnolia Coal Co.	2			1,186	1,186
48	Mallams & Bailestad Coal Co.	1			612	612
49	Martin Coal Co. (Robt.)			44	1,007	1,051
50	Masson Coal Co. (W. B.)				414	414
51	Miller Bros. Coal Co.				200	200
52	Million & Berwin Coal Co.		2,530	8,725	2,343	13,598
53	Mineral Coal Co.				7,860	7,860
54	Mummet Coal Co.				1,440	1,440
55	Myers Coal Co.	1			395	395
56	Newlands & Haynie Coal Co.	2			4,247	4,247
57	Newlands & Haynie Coal Co.	11			31,572	31,572
58	Oberhaus Coal Co.				948	948
59	O'Neil Coal Co. (Wm.)	1			430	430
60	Pankin Coal Co.				1,290	1,290
61	Patton Coal Co.	1	50	109		159
62	Patton & Big Coal Co.	1			276	276
63	Pease Coal Co. (Elmer)	1			339	339
64	Pierard & Hartman Coal Co.	1			5,862	5,862
65	Quality Coal Co.	2			1,275	1,275
66	Regan & McNary Coal Co.	1	133	920	1,490	2,483
67	Richards & Croves Coal Co.				225	225
68	Richards & Finch Coal Co.				222	222
69	Richards & Rose Coal Co.				180	180
70	Richards & Uher Coal Co.				563	563
71	Robinson Coal Co. (Abe)	1			750	750
72	Robinson Coal Co. (L.)				910	910
73	Robinson & Soto Coal Co.				3,970	3,970
74	Robinson Coal Co. (John)	1			1,310	1,310
75	Robinson & Henderson Coal Co.			1,100	310	1,410
76	Ryals Coal Co.				1,122	1,122
77	Rummer & Ketterman Coal Co.	6	4,968	16,309	17,113	38,390
78	Russel Coal Co. (Pete)	7	4,538	12,829	15,881	33,248
79	Russel Coal Co. (Pete)	2	95	300	480	875
80	Scott & Dilaver Coal Co.	2			50	50
81	Scott & Wellman Coal Co.				275	275
82	Schwinn Coal Co.				275	275
83	Schwinn-Hartman-Mapes Coal Co.					

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF CHEROKEE COUNTY.
FOR THE YEAR ENDING DECEMBER 31, 1923—CONTINUED.

Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine-run coal.	Total number of tons of coal produced.
84	Simons Coal Co. (Mike)				1,069	1,069
85	Southeastern Coal Co.				160	160
86	Sunflower Coal Co.		211	211	422	422
87	Star Coal Co.				200	200
88	Swan Coal Co.	1	350	197	1,310	1,857
89	Swan Coal Co.	2		98	1,100	1,298
90	Thompson Bros. Coal Co.	1			3,038	3,038
91	Thornburg Coal Co.	2			50	50
92	Vanduker Coal Co.	1			3,430	3,430
93	Wahl Owens & Payden Coal Co.	2		170	518	518
94	Walker Coal Co. (J. R.)				107	107
95	Walker & Sons Coal Co.				570	570
96	Walsh Coal Co. (Jack)				2,195	2,195
97	Western Coal & Mining Co.	21	80,878	31,462	13,409	125,749
98	W. W. B. Coal Co.				150	150
99	Zinnik Coal Co.	1	11	41	595	647
	Totals		108,046	97,042	187,304	392,392

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF CHEROKEE COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923—Continued.

Office No.	Employees.					Number of days worked.	Explosives.		Accidents.		Remarks.
	Miners.	Under-ground day men.	Total under-ground.	Top men.	Total number of men employed.		Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
1	10	1	11	1	12	74	350				
2	8	2	10	1	11	100	170	50			
3	2		2	1	3	152	38	200			
4	4		4	1	5	25	75	200			Started producing in November, 1923.
5	3		3	1	4	155	122	800			
6	4		4	1	5	35	40	75			
7	2		2		2	193	100				
8	4		4	1	5	35	21	250			Started to operate in October, 1923.
9	3		3		3	89	101	200			
10	3		3	2	5	190	100	75			
11	3	1	4	1	5	150	175	125			
12	3		3	1	4	145	56	525			
13	2		2	1	3	32	35				Abandoned June, 1923.
14	4	1	5	1	6	86	172	150			Sold to James Davidson April, 1923.
15	4		4	1	5	70	13	425			Abandoned May, 1923.
16	3	1	4	1	5	25	30				Idle during month of August, 1923.
17	28	12	40	5	45	108	1,180	10,380			Abandoned in March, 1923.
18	5		5	2	8	112	203	350			
19	1		1		1	20	6	2			Abandoned October 23, 1923.
20	3	1	4	1	5	284	104	650			Abandoned April, 1923.
21	4	1	5	1	6	90	170	200			Abandoned.
22	7	1	8		8	30	70	50			Abandoned June 30, 1923.
23	3		3	1	4	42	43	50			Shut down in August, account of water in mine.
24	3		3	1	4	40	42	150			Started to operate in July, 1923.
25	5		5	1	6	40	80	40			Shut down in June, 1923.
26	3		3	1	4	83	118	50			
27	3		3	1	4	102	80	195			
28	4		4	1	5	135	105	300			
29	2		2	1	3	65	75	50			
30	3	1	4	1	5	93	82	47	1		Started producing coal April 1, 1923.
31	6	1	7	1	8	105	179	550			Abandoned June, 1923.
32	12	1	13	2	15	25	4	50			Idle from July to September 30, 1923.
33	3		3	1	4	108	80	200			Abandoned March, 1923.
34	2		2	1	3	168	282	425			
35	5	1	6	1	7	256	257	100			Idle from April 1 to June 30, 1923.
36	3		3	1	4						

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF CHEROKEE COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923—CONCLUDED.

Office No.	Employees.					Number of days worked.	Explosives.		Accidents.		Remarks.
	Miners.	Under- ground day men.	Total under- ground.	Top men.	Total number of men em- ployed.		Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
37	6	1	7	1	8	104	259	50			
38	3		3	1	4	17	30	300			
39	5	1	6		6	96	68	300			
40	3	1	4	1	5	83	39	150			
41	3		3	1	4	201	200	195			
42	5	1	6	1	7	79	210	50			
43	5		5	1	6	91	126	50		1	
44	19	9	28	2	30	128	25				Succeeded by Utility Coal Co.
45	31	4	35	3	38	45	365	488			Shut down February, 1923.
46	2		2	1	3	100	40				Abandoned April, 1923.
47	2	1	3	1	4	209	80	1,200			
48	3		3	1	4	103	85				Idle from January 1 to June 30, 1923.
49	3		3	1	4	67	41	100			Idle from January 1 to July 31, 1923.
50	2		2	1	3	77	75				
51	2		2		2	77	70				
52	2		2	1	3	40	17	25			
53	16	1	17	1	18	297	2,300	2,300			
54	7	1	8	1	9	345	820	400			
55	4		4	1	5	108	145	50			
56	10	2	12	1	13	11	32	140			Idle from April 1 to December 31, 1923.
57	24	5	29	3	32	46	125	3,750			Idle from May 1 to September 30, 1923.
58	24	11	45	4	49	292	2,000	4,000			
59	2		2	1	3	78	70				
60	2		2		2	61	36				Started operating in September, 1923.
61	3		3	1	4	90	95	275			
62	2		2	1	3	32	10	50			Abandoned February 15, 1923.
63	2		2	1	3	97	42				
64	2		2		2	45	30	25			Started to operate in September, 1923.
65	27	4	31	2	33	136	694	1,722			
66	3	1	4	2	6	74	116	300			Idle from July 1 to December 31, 1923.
67	3		3	1	4	248	281	100			Sold to Richards & Casper Coal Co.
68	3		3	1	4	13	18				
69	3		3	1	4	22	16	25			
70	3		3	1	4	8	8				Operated only 8 days in 1923.
71	4		4	1	5	53	42	250			

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72	4	4	1	5	50	71	50	Abandoned in April, 1923.
73	2	2	1	3	92	80	150	Abandoned.
74	5	1	6	1	7	218	225	350
75	3	.....	2	1	3	133	69	36	.....	.....
76	3	.....	2	1	4	221	34	630	.....	.....
77	2	.....	2	1	3	132	38	73	.....	.....
78	39	19	78	7	85	175	3,321	15,722	.....	.....
79	45	13	48	7	95	186	3,132	8,530	.....	.....
80	2	1	3	1	4	93	504	630	.....	Sold to Barrett & McKenney.
81	2	.....	2	1	3	6	3	645	.....	Succeeded by Schwinn Coal Co.
82	2	.....	2	1	3	30	10	100	.....	Idle from April 1 to June 30, 1923.
83	2	.....	2	1	3	30	10	100	.....	.....
84	4	1	5	1	6	50	63	100	.....	.....
85	4	.....	4	1	5	3	15	100	.....	Idle from January 1 to September 30, 1923.
86	3	1	4	1	5	130	70	150	.....	Idle from September 30, to December 31, 1923.
87	5	.....	5	1	6	14	6	50	.....	.....
88	3	1	4	1	5	119	135	300	.....	New mine; started to produce in August, 1923.
89	4	.....	4	1	5	138	80	299	.....	Shut down in June, 1923.
90	21	4	25	3	28	14	196	700	.....	Mine full of water from July 2 to December 31, 1923.
91	2	.....	2	1	3	6	5	.....	.....	Idle from April 1 to June 30, 1923.
92	12	2	14	2	16	83	417	275	.....	Abandoned December, 1923.
93	2	.....	2	1	3	86	34	.....	.....	.....
94	2	.....	2	1	3	34	11	35	.....	.....
95	4	1	5	1	6	52	52	425	.....	.....
96	4	1	5	1	6	38	81	100	.....	.....
97	103	26	129	9	138	255	10,487	36,150	.....	Operated only 9 days in 1923.
98	4	4	1	5	9	9	100	Purchased from Wm. Knight Coal Co., June 2.
99	2	2	1	3	73	67	40
Totals	726	139	865	132	967	9,533	32,804	105,040	1 46

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR STRIP MINES OF CRAWFORD COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923.

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Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine run coal.	Total number of tons of coal produced.
1	Aene Coal & Mining Co.	1	1,906	2,225	164	4,295
2	Big Ben Coal Co.	3			10,324	10,324
3	Carlson Coal Co.	1			50,843	50,843
4	Carmey Cherokee Coal Co.	112	7,981	8,552	14,844	14,844
5	Central Coal & Coke Co.	1			3,530	3,530
6	Harmony Coal Co.	1			4,400	4,400
7	Litchfield Coal Co.	110	46,520	24,667		71,187
8	Menighini Coal Co.				40,375	40,375
9	Patton Coal & Mining Co.				34,530	34,530
10	Reddick & Demar Coal Co.	1			125	125
11	Reliance Coal & Mining Co.	1	11,967	24,319	23,621	59,907
12	Taft Coal Co. (A. S.)				160	160
13	Wilson Bros. Coal & Mining Co.				13,462	13,462
	Totals		68,374	59,765	196,378	324,517

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR STRIP MINES OF CRAWFORD COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923—CONCLUDED.

Office No.	Total number of men employed.	Number of days worked.	Explosives.		Accidents.		Remarks.
			Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
1	28	33	29	115			Idle from March 31, to December 31, 1923.
2	12	197					
3	30	165	452	4,400		1	
4	22	434	488	1,000		3	Did not operate from April 1 to September 30, 1923.
5	29	344					
6	5	180	100	200			
7	57	76	692	2,820	1	3	Idle from January 1 to March 31, 1923. Estimated.
8	28	160	325	1,375			
9	31	129	399	7,400			Abandoned; operated only 12 days.
10	3	12	10	50			Started to operate December 12, 1923.
11	38	120	1,093	1,500			
12	5	16	4	25			
13	17	154	469	963			
Totals.	302	1,197	4,172	20,348	1	7	

Mine Inspection Department.

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR STRIP MINES OF CHEROKEE COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923.

Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine run coal.	Total number of tons of coal produced.
1	Carbon Coal Co.	2			74,193	74,193
2	Carbon Coal Co.	4			9,332	9,332
3	Carbon Coal Co.	5			46,079	46,079
4	Carbon Coal Co.	6			19,424	19,424
5	Crabb Coal Co.				277	277
6	Crowe Coal Co.	22	7,674	45,016	1,121	53,811
7	Crowe Coal Co.	23	39,526	28,472	2,910	70,908
8	Miller Coal Co.		288		2,094	2,382
9	O'Neil Coal Co. (Wm.)				3,422	3,422
10	Pallet Coal Co. (Fred)				400	400
11	Southern Kansas Coal Co.	3	176	2,386	1,197	3,759
12	Superior Coal Co.		1,569	6,038	45,533	53,140
	Totals.		49,233	81,912	206,182	337,327

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Count of Industrial Relations.

State inspector of coal mines reports

PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR STRIP MINES OF CHEROKEE COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923—Continued.

Office No.	Total number of men employed.	Number of days worked.	Explosives.		Accidents.		Remarks.
			Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
1	32	151	710	6,500			
2	14	285½	75	650			Operated only 26½ days.
3	17	114	385	4,250			Operated only 64 days in 1923.
4	20	94	145	1,700			Abandoned January 30, 1923.
5	4	14	16				
6	33	97½	1,024	4,880			
7	35	105½	2,733	26,940			
8	12	89		73			Idle from March 31 to September 30, 1923.
9	3	150	25	15			
10	6	30	8	30			Operated only 40 days in 1923.
11	7	137	35	350			Idle from July 1 to September 30, 1923.
12	25	92	547	2,000			
Totals.	208	1,070½	5,703	47,410			

Mine Inspection Department.

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF BOURBON COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923.

Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine run coal.	Total number of tons of coal produced.
1	Manlove Coal Co. (Geo.)				270	270
2	Fort Scott Hydraulic Cement Co.				249	249
3	Owens Coal Co. (Sam.)				785	785
4	Smallwood Coal Co. (T. H.)				912	912
5	Ward Coal Co. (John)					
	Totals				2,207	2,207

PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS OF DEEP MINES OF BOURBON COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923—Continued.

Office No.	Employees.					Number of days worked.	Explosives.		Accidents.		Remarks.
	Miners.	Under-ground day men.	Total under-ground.	Top men.	Total number of men employed.		Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
1	4		4	2	6	30					Operated only 30 days during the year. Operated only 48 days during the year. No production in 1923.
2	4		4		4	48					
3											
4	4		4		4	180	28	15			
5	3	2	5		5	260	4	10			
Totals.	15	2	17	2	19	518	32	25			

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Count of Industrial Relations.



State inspector of coal mines reports

PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF LEAVENWORTH COUNTY.
FOR THE YEAR ENDING DECEMBER 31, 1923.

Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine run coal.	Total number of tons of coal produced.
1	Kansas State Prison	1	25,285	10,949	28,908	64,340
2	Home Riverside Coal Co.	2			59,567	59,567
3	Home Riverside Coal Co.				13,756	13,756
	Totals		25,285	10,949	101,329	137,563

PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF LEAVENWORTH COUNTY.
FOR THE YEAR ENDING DECEMBER 31, 1923—CONCLUDED.

Office No.	Employees.					Number of days worked.	Explosives.		Accidents.		Remarks.
	Miners.	Under-ground day men.	Total under-ground.	Top men.	Total number of men employed.		Number of 25-pound bags of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
1	132	118	250	38	288	360		1,060			
2	90	55	145	14	159	205		794			
3	95	24	119	17	136	63		156	1		Idle from April 1 to September 30, 1923.
Totals	317	197	514	69	583	571		1,902		1	

Mine Inspection Department.



PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF LINN COUNTY.
FOR THE YEAR ENDING DECEMBER 31, 1923.

Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine run coal.	Total number of tons of coal produced.
1	Black Diamond Coal Co.	2			2,465	2,465
2	Douglas Coal Co.		2,647	3,403		6,050
3	Economy Coal Co.		1,731	1,730		3,461
4	Green Valley Mining Co.				7,675	7,675
5	Kesley Coal Co.	1	650	132		782
6	Payton Coal Co.				9,800	9,800
7	Pleasanton Coal & Mining Co.				440	6,862
8	State Line Coal Co.		4,890	1,532		1,990
9	Walshour Coal Co.				1,600	1,900
Totals			9,918	6,797	23,940	40,655

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Count of Industrial Relations.

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF LINN COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923—Concluded.

Office No.	Employees.					Number of days worked.	Explosives.		Accidents.		Remarks.
	Miners.	Under-ground day men.	Total under-ground.	Top men.	Total number of men employed.		Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
1	3		3	1	4	191	185				
2	28	5	33	3	36	60	591	875			Idle from April 1 to September 15, 1923.
3	30	4	34	3	37	33	142	1,000			Operated only 33 days in 1923.
4	18	20	38	12	50	89	162	197	1		Idle from April 1 to September 15, 1923.
5	2		2	1	3	185	65	209			
6	30	3	33	2	35	100	509	148			
7	23	8	31	5	34	78	116	350			
8	6	1	7	1	8	50	142	350			Idle from April 1 to September 30, 1923.
9	12	2	14	2	16	36	60	250			Operated only 36 days in year 1923.
Totals.	152	43	195	28	223	822	1,963	3,370	1		

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF OSAGE COUNTY.
FOR THE YEAR ENDING DECEMBER 31, 1923.

Office No.	NAME OF COMPANY.	Mine No.	Production.			
			Number of tons of lump coal.	Number of tons of nut or slack coal.	Number of tons of mine run coal.	Total number of tons of coal produced.
1	Bell Coal Co.		6,000			6,000
2	Carlson Coal	6	7,506			7,506
3	Carlson Coal Co.	7	985			985
4	Carlson Coal Co.	30	8,785			8,785
5	Central Coal & Mining Co.	2	7,127			7,127
6	Coughlin Coal Co.		2,231			2,231
7	Handy Coal Co.	1	3,000			3,000
8	Klondike Cooperative Coal Co.		4,483			4,483
9	Labor Exchange Coal Association	1	1,513			1,513
10	Miller Coal Co.	0	4,036			4,036
11	Mines Fuel Co.	2	8,167			8,167
12	Morgan Coal Co. (Arist)		1,953			1,953
13	Moore & Nelson Coal Co.	1	463			463
14	Osage City Labor Exchange	5	8,156			8,156
15	Seelye & Bros. Coal Co.		917			917
16	Standard Coal Co.		3,556			3,556
17	Western Fuel Co.		4,509			4,509
	Totals		74,047			74,047

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Count of Industrial Relations.

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PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES USED, AND ACCIDENTS FOR DEEP MINES OF OSAGE COUNTY,
FOR THE YEAR ENDING DECEMBER 31, 1923—CONCLUDED.

Office No.	Employees.					Number of days worked.	Explosives.		Accidents.		Remarks.
	Miners.	Under-ground day men.	Total under-ground.	Top men.	Total number of men employed.		Number of 25-pound kegs of powder used.	Number of pounds of dynamite used.	Number of fatal accidents.	Number of nonfatal accidents.	
1	16	8	24	2	26	180	200	2,800		1	Idle from April 1 to June 30, 1923.
2	22	12	34	4	38	188	20	2,500			Operated only 52 days in year 1923.
3	12	12	24	2	26	52					
4	18	13	31	3	34	212					
5	26	5	31	1	32	223		800			Idle from January 1 to August 31, 1923.
6	15	2	17	1	18	63					
7	16	1	17	1	18	140	2	135			
8	9	8	17	1	18	182		455		1	Idle from April 1 to June 30, 1923.
9	15	1	16	1	17	75		100			Operated only 46 days in year 1923.
10	17	4	21	2	23	83					
11	18	11	29	3	32	189		1,150		1	Operated only 71 days in year 1923.
12	19	2	21	1	22	71		150			Idle from January 1 to March 31, 1923.
13	3		3	1	4	75					
14	30	8	38	2	40	158					Operated only 80 days during the year.
15	7		7	1	8	80		20			
16	15	2	17	1	18	130				1	Idle from April 1 to June 30, 1923.
17	12	8	20	1	21	148		525			
Totals.	261	97	358	28	386	2,250	222	8,770	1	4	

Mine Inspection Department.



COAL PRODUCTION, EMPLOYES, DAYS WORKED, EXPLOSIVES, ACCIDENTS, AVERAGE DEPTH OF MINES, AND AVERAGE HEIGHT OF COAL, BY COUNTIES OF KANSAS, FOR THE YEAR ENDING DECEMBER 31, 1923.

COUNTY.	Total coal production, classified.					Total employees, classified.					
	Tons of lump coal.	Tons of nut or slack coal.	Tons of mine-run coal.	Total tons of coal produced.	Percentage of total production of state.	Miners.	Under-ground day men.	Total under-ground.	Top day men.	Total employees.	Percentage of total employees of state.
Crawford (deep mines).....	983,167	1,008,917	1,009,859	3,001,743	66.48	5,460	1,325	6,785	481	7,266	6.947
Cherokee (deep mines).....	108,046	97,042	187,304	392,392	8.44	726	139	865	122	997	.953
Crawford (strip mines).....	68,374	59,793	196,378	324,545	6.98				302	302	.289
Cherokee (strip mines).....	46,355	31,912	306,182	337,327	7.25				208	208	1.99
Bourbon (deep mines).....		2,207	2,207	2,207	.05	15	2	17	2	19	.18
Leavenworth (deep mines).....	25,285	10,949	101,329	137,563	2.96	317	197	514	69	583	.558
Linn (deep mines).....	9,518	6,797	33,940	40,655	.87	152	43	195	28	223	.213
Osage (deep mines).....	74,047			74,047	1.59	261	97	358	28	386	.369
Miscellaneous mines*			250,000	250,000	5.38	400	50	450	25	475	.454
Totals.....	1,318,070	1,355,410	1,976,999	4,650,479	100%	7,331	1,853	9,184	1,275	10,459	100%

* This item includes mines in other counties and those not reporting to the Mine Inspection Department.

State inspector of coal mines reports

COAL PRODUCTION, EMPLOYEES, DAYS WORKED, EXPLOSIVES, ACCIDENTS, AVERAGE DEPTH OF MINES, AND AVERAGE HEIGHT OF COAL,
BY COUNTIES OF KANSAS, FOR THE YEAR ENDING DECEMBER 31, 1923—Continued.

COUNTY.	Average number of days worked.	Total explosives used.				Total number of accidents.						Average number of feet of overburden.	Average height of coal.	
		Powder.		Dynamite.		Fatal.			Nonfatal.				Feet.	Ins.
		Number of 25-pound kegs.	Percentage of total powder used in state.	Number of pounds.	Percentage of total dynamite used in state.	No.	Percentage of total of fatal accidents.	Number of tons of coal produced per accident.	No.	Percentage of total of nonfatal accidents.	Number of tons of coal produced per accident.			
Crawford (deep mines).....	121½	243,524	83.62	1,988,353	91.10	15	78.96	206,116	728	92.71	4,189	85	3	0
Cherokee (deep mines).....	94	32,894	11.27	105,940	4.82	1	5.26	392,392	46	5.78	8,536	38	3	6
Crawford (strip mines).....	92	4,172	1.43	20,448	.93	1	5.26	324,545	7	.88	3,345	2	2	6
Cherokee (strip mines).....	89	5,703	1.96	47,410	2.17								3	0
Bourbon (deep mines).....	103½	32	.01	25								20	2	0
L'n's worth (deep mines).....	190			1,962	.09				1	.13	187,563	715	1	8
Lin (deep mines).....	91	1,963	.67	3,370	.15	1	5.26	49,655				76	2	7
Osage (deep mines).....	132	222	.08	8,770	.42	1	5.26	74,047	4	.50	18,512	76	1	10
Miscellaneous mines*.....	150	2,809	.96	7,900	.32									
Totals.....	118	291,220	100%	2,182,278	100%	19	100%	244,762	796	100%	8,542	168	2	6

* This item includes mines in other counties and those not reporting to the Mine Inspection Department.

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FATAL ACCIDENTS

FOR THE YEAR ENDING, DECEMBER 31, 1923.

1. (Investigated by Dunn.) L. D. ANDERSON, a miner, was instantly killed by a fall of rock in the Miners' Fuel Company mine, Osage City, Kan., on January 24, 1923. Mr. Anderson was taking out a piece of coal that was standing, when he was caught by the rock. The rock which fell on him measured 12 feet long, two feet wide, and would average about 12 inches in thickness. About 5 feet of the rock rested on the coal which was not yet taken out. Mr. Anderson was working in the first room of the first north off the first west entry, on the south side of the mine. This accident happened about 9 a. m. on the above date.

2. (Investigated by White.) JOE BARRETT, a miner, was injured by a fall of rock in mine No. 21 of the Western Coal and Mining Company, in Cherokee county, on January 31, 1923. He died February 7, 1923.

3. (Investigated by Sherwood, Glennon, Bishop and Keegan.) ROBERT HOWELL, shot-firer in mine No. 16 of the Jackson-Walker Coal and Mining Company, was killed by explosion on February 1, 1923. See details under the heading of "Explosions."

4. (Investigated by Glennon and Keegan.) GEORGE ASHBACHER was instantly killed by rock fall at mine No. 17 of the Jackson-Walker Coal and Mining Company on February 14, 1923. This accident happened about 2 p. m., in the fifteenth south entry on the east side of the mine. The rock which fell on him was 7½ feet long and 7 feet wide and would average 10 inches in thickness. It fell about 18 feet from the edge of the brushing, which was about 28 feet from the face of the entry. The entry was 9 feet wide where the rock fell. There were 8 props lying in the place, but the men who helped take the rock off Ashbacher stated they had brought them in. This was what is known as a pot rock and it was thought to be an unavoidable accident.

5. (Investigated by Sherwood.) L. D. THOMAS, a fireman, was injured at mine No. 110 of the Litchfield Coal Company, a steam shovel mine on February 19, 1923. Thomas had been standing on the exhaust pipe of the swinging engine of the shovel about 7 feet from the floor of the shovel, and was in the act of nailing a block on a stringer to serve as a hanger for the pipe line. As he started to come down he slipped and fell, his stomach striking the counter-balance of the engine, injuring him internally, causing his death five days later. Mine Inspector Sherwood recommended a step ladder be kept on the shovel for use in a case of this kind. The foreman agreed to have this recommendation complied with.

6. (Investigated by Sherwood.) HARRY MCGOEY, a driver, was injured at mine No. 18 of the Clemens Coal Company on February 15, and died February 24, 1923. The mule which he was driving sat down on him, fracturing his hip. A blood clot formed on this fracture, which caused a blood clot on the heart, resulting in death. He finished his shift the day he was injured and did not know his hip was fractured until he was examined by a doctor.

7, 8, 9, 10. (Investigated by Sherwood, Glennon, McGavern, Keegan and Hislop.) T. W. PEARSON, RICHARD MEDLAND, SHELTON REEDER and LOREN REEDER were killed in a mine explosion which occurred at mine No. 1 of the T. R. & G. Coal Company, March 20, 1923. See details under the heading "Explosions."

11. (Investigated by Glennon and O'Hara.) CHARLES VANGUNDY was instantly killed by a fall of rock in mine No. 18 of the Western Coal and Mining Company. The body of Charles Vangundy was found in his working place,

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which is the first room on the third east off the sixth south, by Abe Bennett, shot firer. Vangundy was found under the rock about $2\frac{1}{2}$ feet from the face of his room, about 5:35 p. m. He was single and twenty-eight years of age. This room was driven up 141 feet and was $22\frac{1}{2}$ feet wide at the face and has crosscuts on either side of the place at the face. The distance in the center of the place from the nearest prop to the face was 9 feet, and 8 feet from the nearest prop to the face on the left side. The room was well timbered. He evidently had two shots tamped, and was in the act of drilling or had just finished the third hole, which was drilled about $5\frac{1}{2}$ feet on the right side of his place. The rock was 9 feet 7 inches long, 3 feet 3 inches wide and 3 inches thick on the inside edge and about 1 inch thick on the outside edge. Vangundy's pit cap was found under the rock at the time of the investigation. In the opinion of Deputy Inspector Glennon this was an accident which could not have been foreseen.

12. (Investigated by McGavran.) WILLIAM DOUGLASS, a miner, was injured by a fall of rock in mine No. 7 of the Sheridan Coal Company about 2:30 p. m., September 19, 1923, in the sixth east off the first south entry. This entry was stopped and had been driven on as a room. The roof was driven in 47 feet under the brushing and was 18 feet wide. The rock which fell on Douglass was triangular in shape and would weigh approximately 500 pounds. He was in the act of mining off a shot when the rock fell on him at a point just inside of a roll. He was taken from under the rock by Frank Kozi, Martin Kozi, Jack Halstead and John Douglass. The injured man was taken to Mount Carmel hospital and upon examination it was found his back was broken. Douglass died of this injury October 27, 1923.

13. (Investigated by Glennon.) JOE HAWKIN was killed by falling down the main shaft of the Sunshine Coal Company mine No. 1, about 10:30 a. m., September 19, 1923. He previously complained of the air being bad and was coming out of the mine. He started to climb the ladder, and was up to the last step when he fell back, a distance of 52 feet. He was still living when he was picked up, and lived about an hour after the accident. He was married and had a family of eight. He was about forty-nine years of age.

14. (Investigated by Sherwood and O'Hara.) JOE MILLER was instantly killed by a fall of rock in the Green Valley Coal and Mining Company mine, near Pleasanton, about 11:30 a. m., October 8, 1923. The accident happened in the third working place in the first south entry. The room was driven up about 92 feet and was about 30 feet wide at the face. There were four rows of props 9 feet back from the face on the left side and also four rows of props 6 feet back from the face on the right side. The height of the coal in this place is 3 feet, and the six inches of clay underneath the coal makes a total height of about 42 inches. Mr. Miller was 55 years of age and had a family of four. He lived in Boicourt, which is about $3\frac{1}{2}$ miles north of Pleasanton. The driver stated that on his last trip to Joe Miller's place Miller told him he would not load a car at that time as he had some bad rock to timber. It is believed that he was in the act of timbering this rock when it fell and caught him. The length of the rock was 8 feet, and was 5 feet wide, about 6 inches thick on the inside, and tapered out to a featheredge to the outside. The unsafe roof conditions at this mine is largely due to a short strike at this mine recently. However, the mine is well timbered and everything possible is being done to promote safety.

15. (Investigated by Glennon and O'Hara.) FRED OBERLECHNER, a miner, was instantly killed by a fall of rock about 11:05 a. m., October 22, 1923, at mine No. 6 of the Cherokee Coal Company. The place in which this accident occurred was driven in 42 feet and was 23 feet wide at the face. It was the fifth working place on the third stub north off the eleventh east entry. The rock which fell upon Oberlechner measured 8 feet 9 inches long and 5 feet 9 inches wide and was 6 inches thick. There were also two small pieces of rock; one was 2 feet 9 inches long and 2 feet wide and 3 inches thick; the other was 2 feet 8 inches long, 2 feet 5 inches wide and 2 inches thick. There were six



props set on the left side of the place and five on the right. The distance from the nearest prop to the face was 18 feet and the distance from the inside edge of the rock to the face was 15 feet. The indications were that props had been set closer to the face, but the coal shots from the night previous had blown them out. There were also ten loose props lying in the place. It was found upon examination by a doctor that Oberlechner's neck was broken.

16. (Investigated by Clark.) J. W. HARRIS, a miner, was instantly killed by a fall of rock about 10 a. m., November 1, 1923, in mine No. 5 of the Patton Coal and Mining Company, near Englevale. The place in which the accident happened was driven in 40 feet and was about 12 feet wide at the face. It was the sixth working place on the first northeast angle entry off the west. The rock which fell measured 11 feet long, 12 inches thick, and was 3 feet wide. The indications were that Mr. Harris was in the act of mining off a coal shot at the time of the accident, as the pick was found underneath the rock. The top generally was solid from the switch to the face and the room was no wider than 16 feet at any point.

17. (Investigated by Glennon and Morrison.) JOHN NIEDZIELSKI, a miner, was killed by the explosion of a shot about 8:30 a. m., November 8, 1923, in the Last Chance Coal Company mine. This man was thirty-eight years of age, unmarried, and has no relatives in the United States. The accident occurred in the fourth working room on the straight west back entry. The room was driven in 134 feet and was just through a horseback. He evidently had a large and a small shot in the horseback and the top shot missed. He must have started to dig the top shot out with a pick and hit the cap which exploded the dynamite. There was one stick of dynamite at the face that did not explode. The explosion of the shot tore the handle off the pick, which was in fragments. We also found fragments of the left hand, which had been blown off at the wrist.

18. (Investigated by Glennon.) W. L. CERIGHT, a miner, was instantly killed by a fall of rock in mine No. 1 of the Valley Coal Company, about 2:30 p. m., November 14, 1923. The accident happened in the first west stub south on the north side of the mine. The rock measured 9 feet long, 5 feet 2 inches wide and 8 inches thick. The rock was resting on the end of a loaded car. The distance from the face to the inside edge of the rock was 25 feet. The place was only 5 feet 10 inches wide at the face. There was a standing shot on the left side of the place. It was evident he was making a crosscut on the outside at about the edge of the brushing and was 7 feet wide between the outside edge of the brushing and the face. One prop was lying underneath the rock, and evidently he had been caught under the inside edge. The coal in this place was 3½ feet high.

19. (Investigated by Glennon and McGavran.) LEO URBICH, a miner, was killed by an explosion of powder in mine No. 7 of the Sheridan Coal Company, about 11 a. m., November 28, 1923. The accident happened in the second south entry on the west side of the mine. There were twelve empty powder kegs at the place where Urbich made up his powder. One powder keg had a pick hole in it. There were two powder kegs bursted open as though from powder explosion. The distance from the face to where his powder box was located was 144 feet. There were two shots drilled at the face of his place, one having been tamped the day previous and missed. There was no indication of any powder burning at the face. Urbich's lamp and cap were found at the curtain in the second south entry.

NONFATAL ACCIDENTS.

JANUARY.

Central Coal and Coke Company, Mine No. 45.

1. Mike Stimian, miner; left leg and ankle injured; caught between cars; January 2, 1923.
2. John Billiard, miner; piece of coal in right eye; January 3, 1923.
3. M. Chubiano, miner; piece of coal in left eye; January 4, 1923.
4. Albert Midoux, miner; left thigh injured by fall of coal; January 9, 1923.
5. William Snyder, miner; piece of coal in right eye; January 17, 1923.
6. John Bernick, miner; left hand injured by fall of piece of coal; January 18, 1923.
7. (Investigated by Gilday.) Frank Angel, miner, was injured by fall of rock at about 8 a. m., January 23, 1923. At the time of the accident Mr. Angel was engaged in shoveling coal from a crosscut that had just been holed through to back east. The rock that struck him was broken in two pieces. One piece measured 6 feet long, 2 feet 6 inches wide and was about 8 inches thick in the center; tapering to a featheredge on both sides of rock. The smaller piece measured 3 feet 6 inches long, 2 feet wide, and was 4 inches thick. The crosscut that the rock fell in was 5 feet wide. The thickness of coal in the crosscut was 2 feet 8 inches.
8. Joe McAllister, shot-firer; back injured by windy shot; January 31, 1923.
9. John Rizzi, miner; mining shot and piece of coal hit his eye; January 31, 1923.

Central Coal and Coke Company, Mine No. 48.

10. H. Sanomia, miner; sprained shoulder by pushing a chunk of coal; January 2, 1923.
11. M. Sparksman, miner; little finger of right hand injured, caught between rock and roof.
12. E. L. McGuire, miner; left hand injured by falling on drilling machine; January 20, 1923.

Central Coal and Coke Company, Mine No. 49.

13. Leon Miseroulle, miner; wrenched back while pushing car; January 6, 1923.
14. James Watkins, miner; sprained hips while pushing a car; January 18, 1923.

Central Coal and Coke Company, Mine No. 50.

15. Eddie O'Conner, day man; hand broken by hitting it against rock; January 2, 1923.
16. Harry Wadsworth, blacksmith; eye injured by piece of cinder; January 6, 1923.
17. Walter Roper, topman; eye injured by hot water from lubrication; January 9, 1923.
18. Rudy Grudnick, driver; mule stepped on cap piece, which hit him in face; January 12, 1923.
19. George Rogers, driver; hand broken by mule knocking him down; January 13, 1923.
20. Andrew Norman, miner; small piece of rock from horseback fell and piece hit him in eye; January 15, 1923.
21. Dominic Chiado, miner; left hand cut by fall of rock; January 17, 1923.
22. Sam Hodgson, timberman; right foot injured by fall of timber; January 22, 1923.
23. Clyde Ford; fireman; piece of coal hit him in right eye; January 22, 1923.

Central Coal and Coke Company, Mine No. 51.

24. T. Conrad, miner; large finger mashed; caught between rail and car; January 2, 1923.



25. F. A. Dunstan, day man; piece of steel in eye; January 6, 1923.
26. Bryan Zurek, miner; sprained back while working in room; January 9, 1923.
27. A. Adamson, miner; sprained ankle while working in room; January 10, 1923.
28. Noble Bass, miner; back sprained by fall of rock; January 12, 1923.
29. L. S. Hariston, miner; sprained left side by pushing car; January 15, 1923.
30. L. Delaney, driver; piece of sulphur hit right eye; January 19, 1923.
31. Dominic Piagnorelli, miner; piece of sulphur hit right eye; January 19, 1923.
32. Clint Rowe, trip rider; right side, leg and arm bruised; caused by car jumping track; January 20, 1923.
33. Jack Toschi, miner; right knee bruised while working in room; January 31, 1923.

Cherokee Coal Company, Mine No. 1.

34. (Investigated by White.) Frank Bowen, miner, was injured by a fall of rock on January 25, 1923, at about 1 p. m., in room 2 in the stub north off the eleventh east. The rock was 5 feet 8 inches long, and 3 feet 3 inches wide, and about 4 inches thick, tapering to a featheredge all around the rock. Mr. Bowen was loading a car of coal when the rock fell, first striking the car and then Mr. Bowen. The rock striking the car first took part of the weight off of Mr. Bowen. He called for Thomas Mellons, who works in room 1. Mr. Mellons and Fred Bowen lifted the rock from Frank Bowen, while he crawled from underneath it.

Clemens Coal Company, Mine No. 18.

35. (Investigated by Glennon.) Walter Finn, miner, was burned by gas, January 27, 1923, at about 7:45 a. m., in the fourth working room in the fourth east on the north side of the mine. On investigation, I found the place full of gas from the face of the room back to a horseback about 12 feet. I recommended this place be bratticed and the gas driven out by putting a check curtain on the entry between this room and the inside room. The room is in about 80 feet and two crosscuts on each side.

Faulkner Coal Company, Mine No. 14.

36. W. Marshall, driver; little finger of left hand injured by getting finger in car hitching; January 5, 1923.
37. William Calloway, miner; eyes injured, caused by mule kicking dust in eyes; January 18, 1923.
38. James Satter, miner; side strained by foot slipping; January 31, 1923.

Jackson-Walker Coal and Mining Company, Mine No. 16.

39. W. Brunetti, miner; knee bruised by slipping and bumping knee; January 29, 1923.

Katy Coal Company, Mine No. 2.

40. Thomas Starkey, miner; slightly injured by fall of rock; January 29, 1923.

Litchfield Coal Company, Mine No. 110 (Shovel).

41. George York, shovel engineer; chisel hit him in right eye, which caused removal of the eye; January 5, 1923.

Patton Coal and Mining Company, Mine No. 5.

42. Earl Babcock, miner; slightly injured thumb; January 6, 1923.

Sheridan Coal Company, Mine No. 7.

43. Ollie Ray, miner; hit in eye by piece of coal; January 9, 1923.

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Simion & Jones Coal Company, Mine No. 1.

44. (Investigated by McGavran.) James Jones was injured by fall of rock, January 6, 1923, at about 3 p. m. Frank Simion and Floyd Jones raised the rock, and with a little assistance James Jones crawled out from under the rock. His place was well timbered, and a row of props were set up in the center of the working place and the widest part of the working place was about 10 feet. The nearest prop was within 5 feet of the place where the rock fell.

Western Coal and Mining Company, Mine No. 13.

45. J. H. Miller, driver; caught right leg between car and door; January 24, 1923.

Western Coal and Mining Company, Mine No. 14.

46. George Kaplza, miner; sprained back by lifting car; January 9, 1923.

Western Coal and Mining Company, Mine No. 15.

47. Louis Klimek, miner; left hand bruised by fall of rock; January 2, 1923.
48. William Gardner, boss driver; left eye cut and bruised; January 7, 1923.
49. George Dibble, driver; back sprained by rolling large piece of rock; January 7, 1923.

50. William Coop, miner; hit in left eye by piece of coal; January 11, 1923.
51. Albert Holeman, Spragger; bruised left leg while uncoupling loaded car; motor jammed into car; January 15, 1923.

52. Earl Fogerty, miner; alleges hernia; January 18, 1923.
53. A. Venazzi, miner; burned head and left hand; January 23, 1923.
54. Charles Perry, motor helper; head injured by being thrown from pit car; January 26, 1923.
55. Rapheal Phelps, miner; second finger of left hand mashed; January 31, 1923.

Western Coal and Mining Company, Mine No. 16.

56. Thos. McGaffrey, miner; left leg bruised while pushing a car; January 8, 1923.

57. Jules Pernot, driver; caught hand between trip of cars and barrel; January 9, 1923.

58. John Strobe, miner; incomplete hernia caused by pushing a car; January 23, 1923.

59. Guido Paffi, driver; mashed finger of right hand with small piece of falling rock; January 24, 1923.

60. John Shuster, miner; threw rock in gob and caught fingers of left hand; January 24, 1923.

61. Thomas Bird, miner; claims he sprained back and shoulder by putting car on track; January 26, 1923.

Western Coal and Mining Company, Mine No. 18.

62. T. Kovach, miner; piece of sulphur in right eye; January 9, 1923.
63. Elie Brassart, miner; piece of rock hit him in right eye; January 10, 1923.

64. Pete Frescona, miner; piece of rock fell and hit him on left thumb; January 11, 1923.

65. Mike Caput, miner; mashed thumb by being caught on hook of car; January 16, 1923.

66. Charles Ingram, miner; bruised left knee by pushing car; January 18, 1923.

67. D. Furetti, miner; bruised left knee by pushing car; January 18, 1923.

Western Coal and Mining Company, Mine No. 19.

68. John McCall, miner; piece of sulphur in right eye; January 10, 1923.
69. Joe Beltram, mule driver; back of right hand cut; January 20, 1923.



Western Coal and Mining Company, Mine No. 20.

70. John Fikes, miner; left wrist injured by piece of coal falling and striking him on wrist; January 4, 1923.
71. S. Sancellotti, miner; sprained right hand by fall while pushing loaded car; January 4, 1923.
72. H. Anderson, miner; while pushing loaded car, slipped and bruised right knee; January 6, 1923.
73. Ludwick Beazkow, miner; while pushing loaded car, bruised left knee; January 6, 1923.
74. Samuel Police, miner; slightly burned by gas, causing two small blisters on back; January 8, 1923.
75. Frank Alish, miner; piece of coal fell on left knee, which became infected; January 12, 1923.
76. Joe Kochoski, miner; sprained back by lifting loaded car on track; January 12, 1923.
77. Frank Merceisf, miner; sprained back by pushing loaded car out of room; January 13, 1923.
78. Jim Campbell, day man; foot caught between loaded cars; sprained ankle; January 18, 1923.
79. John Miller, miner; left knee bruised; January 16, 1923.
80. Lon Loomis, miner; bruised finger while pushing car out of room; January 17, 1923.
81. Pete Lecash, miner; slightly cut on left wrist while loading rock in car; January 23, 1923.
82. Pete Jumet, miner; left ankle sprained by being caught on rail; January 24, 1923.
83. Henry Black, driver; little finger slightly bruised by pulling car out of room; January 26, 1923.
84. Joe Rice, driver; cut palm of hand by shutting car door; January 29, 1923.

Western Coal and Mining Company, Mine No. 21.

85. Lester Claybrooks, boss driver; cut over left eye; January 16, 1923.
86. Robert Wooten, miner; piece of slate fell and hit him on left hand; January 18, 1923.
87. R. R. Moberly, foreman; broken finger; January 23, 1923.
88. John Gallagher, timberman; rock fell and caught his right foot; January 22, 1923.
89. (Investigated by White.) Joseph Barrett was injured by fall of rock, January 31, 1923, at about 2:30 p.m., in the first west off the north of the northeast side of the mine. The rock was 8 feet long, 3 feet 7 inches wide at widest point and tapered to a point of 2 feet, 7 inches thick at the thickest point and tapered to 1 foot 2 inches on the other side.

Wear Coal and Mining Company, Mine No. 21.

90. John Polepeck, miner; piece of wood in left eye; January 19, 1923.
91. George Newberry, miner; foreign body in right eye; January 23, 1923.
92. Joe Marrgilli, miner; left foot sprained and hand broken by fall of rock; January 26, 1923.
93. J. Freese, miner; hit finger with pick; January 30, 1923.

FEBRUARY.

Central Coal and Coke Company, Mine No. 45.

94. Joe Zurek, miner; injury to right groin by pushing car; February 5, 1923.
95. _____
96. Wm. Sarley, driver; eyes injured; February 8, 1923.
97. John Semois, miner; finger of left hand injured; February 8, 1923.
98. Dan Goldinia, miner; knee injured; February 12, 1923.



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99. Tony Roitz, cager; left foot injured by fall of piece of coal; February 13, 1923.

100. J. B. Davis, miner; eyes injured; February 14, 1923.

Central Coal and Coke Company, Mine No. 48.

101. Fred Konec, miner; slipped and injured knee while pushing car; February 6, 1923.

102. George Chaus, miner; left knee bruised by fall of small piece of coal; February 12, 1923.

103. E. L. McGuire, fireman; left hip and back sprained by shoveling coal; February 12, 1923.

104. Ralph Walker, miner; piece of coal hit him in eye; February 16, 1923.

Central Coal and Coke Company, Mine No. 49.

105. L. Cannon, driver; sprained left ankle; February 6, 1923.

106. L. Duiler, topman; mule kicked him; right side of face cut; February 9, 1923.

107. John Krohn, miner; left side and back sprained by fall of coal; February 13, 1923.

Central Coal and Coke Company, Mine No. 51.

108. Con. Enright, empty handler; cut over right eye; February 1, 1923.

109. H. Allia, driver; caught between car and roof and sprained back; February 12, 1923.

110. John Pasonell, miner; crank slipped and hit his head; February 14, 1923.

111. F. A. Dunstan, carpenter; left arm injured by fall of coal; February 21, 1923.

112. T. Gillard, driver; right hand injured by being caught between car and rib; February 22, 1923.

Dittman-Wachter Coal Company, Mine No. 2.

113. Mike Bludnick, miner; rupture; February 19, 1923.

Faulkner Coal Company, Mine No. 12.

114. John Niedzelski, miner; index finger of right hand cut by fall of rock; February 21, 1923.

115. Ike Williams, driver; sprained back by lifting car on track; February 21, 1923.

Howe Coal Company, Mine No. 19.

116. Albert Golune, miner; mashed hand on rock; February 23, 1923.

Jackson-Walker Coal and Mining Company, Mine No. 16.

117. Carl Benso, miner; back, leg and hand bruised by fall of rock; February 3, 1923.

118. Dom. Weberger, miner; eye injured; February 17, 1923.

Jackson-Walker Coal and Mining Company, Mine No. 17.

119. John Lamonti, miner; back injured by fall of rock; February 5, 1923.

120. George Clark, miner; finger cut and nail torn loose by lifting car; February 5, 1923.

121. E. Temperelli, miner; piece of sulphur hit left eye; February 27, 1923.

Litchfield Coal Company, Mine No. 110 (Shovel).

122. (Investigated by Sherwood.) Kenneth Norris, tracklayer, was injured by falling from a steam shovel, February 24, 1923. He had gone onto the shovel to get a wrench, and on coming back, while walking on the running board, he hit his head against a window brace and lost his balance, falling



from the shovel platform to the ground. His left wrist was fractured and his nose cut. This accident could have been prevented. I recommended a hand-rail be placed all around the running board. The shovel was in motion at the time Mr. Norris fell.

Swan Coal Company, Mine No. 1.

123. (Investigated by White.) Frank Vanduker, miner, was injured by falling down the shaft, February 21, 1923. From the evidence obtained it seemed as though Mr. Vanduker was pushing a car of coal on the cage, and the shuts must have moved, letting the cage and the car of coal and Mr. Vanduker fall back down the shaft.

Western Coal and Mining Company, Mine No. 13.

124. Jess Wade, driver; claims injury of back; February 5, 1923.

Western Coal and Mining Company, Mine No. 14.

- 125. John Supon, miner; right wrist injured; February 3, 1923.
- 126. Tony Hartman, miner; bruised right knee, causing abscesses; February 8, 1923.
- 127. Frank Gasperut, miner; injured right thumb; February 12, 1923.
- 128. Camille Lawrent, miner; caught index finger by pulling rail; February 21, 1923.
- 129. Dan Stephen, miner; claims rupture was caused by pushing car; February 29, 1923.

Western Coal and Mining Company, Mine No. 15.

- 130. Antone Panalsek, driver; lower lip cut and bruised; February 4, 1923.
- 131. Thos. Slack, miner; right shoulder sprained; February 20, 1923.
- 132. Vick Vignatelli, miner; piece of sulphur in left eye, inflaming it; February 28, 1923.

Western Coal and Mining Company, Mine No. 16.

- 133. Jules Russian, miner; finger bruised by being hit with hammer; February 1, 1923.
- 134. Charles Kerr, gasman; claims he sprained back; February 1, 1923.
- 135. Vincent Esqorsheck, miner; left elbow injured; February 9, 1923.
- 136. Joe Bell, miner; right eye injured; February 9, 1923.
- 137. Jake Zavilla, miner; left eye and back injured; February 13, 1923.

Western Coal and Mining Company, Mine No. 18.

- 138. Martin Gida, miner; right ankle injured by fall of coal; February 19, 1923.
- 139. John Short; miner; nail of right thumb torn off; February 22, 1923.

Western Coal and Mining Company, Mine No. 19.

- 140. Robert Frederick, engineer; knee bruised; February 3, 1923.
- 141. August Manief, miner; right hand cut; February 17, 1923.

Western Coal and Mining Company, Mine No. 20.

- 142. Orley Hare, machinist; caught finger between iron and drill table; February 6, 1923.
- 143. Harvey Black, driver; caught under cars; legs, back and chest bruised, and cut over left eye; February 17, 1923.

Western Coal and Mining Company, Mine No. 21.

- 144. Henry Wright, miner; piece of slate fell and hit him on back; February 23, 1923.
- 145. P. B. Wright, miner; car jumped track, catching thumb between car and prop; February 23, 1923.
- 146. J. F. Haley, miner; right leg injured by fall of coal; February 23, 1923.



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Weir Coal and Mining Company, Mine No. 21.

- 147. C. Miller, roadman; left knee bruised by fall of rock; February 6, 1923.
- 148. F. Moutz, miner; back sprained by pushing car; February 8, 1923.
- 149. A. J. Fare, miner; strained right shoulder by pushing car; February 23, 1923.

MARCH.

Carbon Coal Company, Mine No. 3 (Shovel).

150. (Investigated by White.) Price Freeman was injured by a premature blast, March 17, 1923, at about 2:15 p. m., while he was pouring some black powder in a hole. The loader had been stopped about five minutes. The fireman of the loader told Mr. Freeman to go ahead and tamp his hole, and as soon as Mr. Freeman poured the powder in the hole the powder went off. Upon investigation it was found that either the hole that the powder was poured into was hot, or a spark from a locomotive, which was pulling a trip of loaded cars around the turn of the pit, ignited it.

Central Coal and Coke Company, Mine No. 45.

- 151. Gus Derks, room boss; one rib broken and knee cut by cars jumping track; March 5, 1923.
- 152. Oran Mast, rope rider; cuts about head caused by car jumping track; March 5, 1923.
- 153. Pete Maiso, miner; big toe of left foot injured; March 7, 1923.

Central Coal and Coke Company, Mine No. 48.

- 154. Dick McKnight, driver; caught ankle between two cars; right ankle sprained; March 7, 1923.
- 155. Philip Pernot, miner; cut on chin by being caught between car and rib; March 7, 1923.

Central Coal and Coke Company, Mine No. 49.

- 156. Frank Ross, miner; injured index finger of left hand by dropping rail on it; March 26, 1923.
- 157. Frank Medil, driver; second finger of left hand injured by being caught between cars; March 26, 1923.

Central Coal and Coke Company, Mine No. 50.

- 158. Joe Stuss, timberman; ruptured by lifting rock; March 9, 1923.

Central Coal and Coke Company, Mine No. 51.

- 159. Ferfeto Alva, trackman; right foot dislocated, caused by slipping while unloading ties; March 1, 1923.
- 160. Eddie Welsh, motorman; caught index finger between cars; March 2, 1923.
- 161. Ralph Montesetcia, miner; strained left side by pushing car; March 9, 1923.
- 162. Frank Kocen, miner; accident not reported; date not given.
- 163. George Johnson, gasman; claims disability from fighting fire in mine; date not given.
- 164. Wm. Hariston, driver; left leg injured by being caught between cars; March 22, 1923.

Central Coal and Coke Company, Mine No. 112 (Shovel).

- 165. R. McIlwrath, dinkey engineer; grate shaker fell on his foot, mashing big toe; March 19, 1923.
- 166. E. A. Rosensteel, coupler; body bruised; March 20, 1923.