

State inspector of coal mines reports

Section 51, Pages 1501 - 1530

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.

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State inspector of coal mines reports

COAL PRODUCTION IN CHEROKEE COUNTY, 1901—CONCLUDED.

Office No.	Tons of coal produced.			Average number of employees.			Wages paid.			Kegs of powder used.	Average per man for year.			Remarks.		
	Lump.	Not and slack.	Mine run.	Total.	Miners.	Boys.	Day men.	Miners.	Boys.		Earnings.	Expenses.	Net.			
1			29,692	29,692	30	19	49	125	80	65	1,844	\$558 63	\$63 44	\$463 19	Abandoned.	
2	73,725	54,448		128,171	131	4	45	180	235	65	8,946	661 66	120 76	540 90		
3			166,015	166,015	178	5	36	219	201	65	10,242	687 66	116 18	571 48		
4	56,399	44,894	12,239	113,532	128	4	42	174	202	65	7,443	569 61	105 12	458 49		
5			58,502	58,502	102	4	20	126	286	65	4,956	454 45	92 59	361 86		
6	12,600	9,400		22,000	42	2	18	62	264	65	820	406 53	36 71	369 82		
7	36,000	36,000		72,000	123	2	20	145	250	65	6,624	442 94	106 26	336 68		
8	39,000	39,000		78,000	133	3	20	156	276	65	9,080	451 91	131 41	320 50		
9	12,000	7,300		19,300	40	2	8	50	200	65	704	385 00	39 60	325 40		
10	16,350	16,250		32,500	77	20	99	300	85	2 05	4,740	387 44	105 62	282 82		
11	57,315	29,915	8,799	91,029	105	5	30	140	271	65	6,936	614 06	118 40	495 66		
12			123,641	123,641	145	3	30	178	259	65	9,324	421 12	85 93	335 19		
13	50,819	25,207	154	76,180	125	4	20	149	267	65	2,504	490 46	85 31	405 15	Shut down two months.	
14			26,813	26,813	28	3	10	41	289	65	2,500	682 20	141 54	540 66		
15			26,463	26,463	38	3	10	51	278	65	2,000	552 29	93 99	458 30		
16			42,359	42,359	62	4	16	82	155	65	2,022	463 14	64 81	398 33		
17			15,087	15,087	27	3	12	42	141	65	691	365 71	43 44	322 27	Shut down four months.	
18			30,224	30,224	52	3	14	69	182	65	1,796	416 77	67 14	349 63		
19	10,984	13,425	3,088	27,497	50	2	15	67	150	65	1,600	377 76	60 01	316 75		
20	7,225	8,830	2,072	18,127	30	1	9	40	190	65	1,150	424 43	71 09	353 34		
21	9,309	11,379	1,620	22,308	50	2	16	68	120	65	1,300	304 45	44 82	259 63		
22			14,121	14,121	23	1	11	35	300	65	1,669	479 64	107 47	372 17		
23	50,819	25,207	154	76,180	125	3	21	149	267	65	4,504	490 46	85 31	405 15		
24	11,660	8,908	192	20,360	65	1	10	76	175	65	1,440	298 00	37 89	260 11		
25			64,132	64,132	71	1	18	90	239	65	4,060	634 78	111 59	523 19	Just worked two weeks in 1901.	
26			20,000	20,000	65	11	76	276	65	2 05	1,436	243 32	45 68	197 64		
27			3,746	3,746	8	4	12	220	65	2 05	160	230	367 95	47 61		320 34
28			120	120	4	4	12	65	2 25	2 00	6	25 60	2 00	23 60		
29			4,360	4,360	12	3	15	250	65	2 05	160	250	299 50	39 50	260 00	
30			3,800	3,800	6	4	10	150	4	2 25	2 00	238	450 50	58 00	392 50	
31			2,080	2,080	6	2	8	300	65	2 05	1 75	132	326 25	40 80	285 45	
32	882	638	1,518	2,983	5	5	10	175	65	2 05	2 55	373 45	60 00	313 45		
33			9,000	9,000	14*	14	73									
34			769	769	12*	12	115									
35			3,250	3,250												
36			6,000	6,000												
37			12,500	12,500												
	445,177	330,274	687,490	1,462,941	2,082	67	556	2,705			101,442					

* Men and teams.

BIENNIAL REPORT.

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COAL PRODUCTION IN OSAGE COUNTY, 1901.

Office No.	Name of operator.	Post-office address.	Number of mine.	Name of pit boss.	Location of mine.	Railroad connections.	Kind of opening.	Kind of power used.
1	Mount Carmel Coal Company	Osage City	14	A. Andrews	1 mile S. W. Scranton	Santa Fe	Shaft.	Horse.
2	"	Topeka	23	Ed. Cliff	2 miles N. E. Osage City	"	"	"
3	"	"	29	Jno. Emelia	2 miles N. E.	"	"	"
4	Western Fuel Company	Osage City	2	Wm. Noel	2 miles E.	"	"	"
5	"	"	4	C. Swanson	1 1/4 miles E.	Mo. Pac.	"	"
6	"	"	5	P. Fosberg	1/4 mile W.	"	"	"
7	Isaiah Jones	"	1	Isaiah Jones	South of	"	"	"
8	A. R. Galatia	"	Peterton drift	A. R. Galatia	1 1/4 miles E.	None	Drift.	Man.
9	A. M. Granstrom	"	5	E. Anderson	2 miles S. E.	Mo. Pac.	Shaft.	Horse.
10	Sunflower Mine	"	Sunflower	A. F. Grosvenor	1 1/4 miles E.	None	"	"
11	Labor Exchange, No. 223	"	2	E. Charlston	2 miles S. Burlingame	Santa Fe	"	"
12	"	"	3	R. J. Cahill	1/4 mile W. Osage City	"	"	"
13	"	"	1	E. Fullerman	1 mile W.	None	"	"
14	Black Diamond	"	B. Diamond	E. Nettleblad	1 mile W.	Mo. Pac.	"	"
15	J. Johnson	"	2	Chas. Young	Osage City	None	"	"
16	Johnson & Anderson	"	1	Chas. Anderson	"	"	"	"
17	Karr Coal Company	Lawrence	Four K's	T. R. Jones	1 1/4 miles W. Osage City	Mo. Pac.	"	"
18	J. W. Murray	Osage City	1	J. W. Murray	Osage City	None	"	"
19	Carlson Coal Company	"	1	J. Samuelson	"	"	"	"
20	Bellville Coal Company	Scranton	1	R. M. Bunton	Scranton	Santa Fe	"	"
21	Bell Coal Company	Burlingame	1	Jno. Bell	2 1/4 miles E. Burlingame	None	"	"
22	Hotchkiss Bros.	"	1	J. Hotchkiss	Burlingame	Santa Fe	"	"
23	Henry Isaacs	Scranton	1	H. I. Isaacs	2 miles S. Scranton	"	"	"
24	McFarland Coal Company	Burlingame	1	H. McFarland	Burlingame	None	"	"
25	Kansas Mine and Fuel Company	"	Foster	A. M. Sommers	2 1/4 miles N. E. Burlingame	Santa Fe	"	"
26	Thos. Whitcomb	"	1	T. Whitcomb	2 1/4 miles E.	"	"	"
27	R. Elliott	"	1	G. Elliott	3 miles S. E.	None	"	"
28	Ross Coal Company	"	1	A. Ross	3 miles E.	"	"	"
29	Coughlin Coal Company	Peterton	2	M. Coughlin	1 mile N. E. Peterton	"	"	"
30	Chappel Coal Company	Scranton	3	Jas. Gaber	2 miles E. Burlingame	Santa Fe	"	"
31	Robt. Simpson	Burlingame	Red Jacket	Wm. Macdeford	Burlingame	None	"	"
32	O. K. Knight	"	1	O. K. Knight	"	Mo. Pac.	"	"
33	Ryan Bros.	Scranton	1	Jno. Ryan	Scranton	Santa Fe	"	"
34	Thos. Noble & Sons	"	1	Sam Noble	"	None	"	"
35	T. J. Harvey	Peterton	1	Wm. Harvey	Peterton	Santa Fe	"	Steam.
36	M. L. Washington	Burlingame	1	M. L. Washington	2 1/4 miles S. W. Burlingame	None	"	Horse.
	Totals							

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INSPECTOR OF COAL MINES.



BIENNIAL REPORT.

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COAL PRODUCTION IN OSAGE COUNTY, 1901—CONCLUDED.

Office No.....	Tons of coal produced.....	Average number of employees.				Number days mine worked...	Wages paid.			Average per man for year.		
		Miners.....	Boys.....	Day men...	Total.....		Mining.....	Under-ground day men..	Above-ground day men..	Earnings...	Expenses...	Net.....
1	2,850	25		3	28	57	\$1 30	\$2 25	\$2 00	\$148 60	\$9 15	\$139 44
2	15,720	83		7	92	149	1 45	2 25	1 80	281 72	18 31	263 41
3	12,172	62	2	5	69	122	1 45	2 25	1 80	287 83	15 87	271 46
4	4,883	21		6	27	140	1 45	2 25	2 00	322 47	9 80	312 67
5	5,861	29	1	5	35	150	1 45	2 25	2 00	293 55	13 39	280 16
6	3,415	16	1	2	19	118	1 45	2 25	2 00	306 43	14 00	292 43
7	1,400	10		1	11	200	1 45		1 25	211 09	11 45	199 64
8	1,420	5		1	6	280	1 50	2 00		422 10	21 19	400 91
9	9,892	60		8	68	200	1 45	2 25	2 00	266 40	13 09	253 31
10	1,991	9		3	12	240	1 45	2 25	1 60	359 22	14 93	344 29
11	2,563	12		2	14	160	1 40	1 60	1 60	298 87	16 47	281 90
12	4,476	28		3	31	190	1 55	1 60	1 60	257 51	13 00	244 51
13	2,824	24		4	28	150	1 55	1 60	1 60	199 28	9 40	189 88
14	2,768	15		2	17	180	1 45	2 25	1 60	281 15	14 65	266 50
15	4,960	18		3	21	28	1 45	2 25	1 50	422 40	21 20	401 20
16	661	6		2	8	43	1 55	2 25	1 60	61 92	3 30	58 62
17	5,121	20		3	23	240	1 45	1 80	1 60	377 10	20 03	357 07
18	500	4			4	150	1 45			271 87	11 25	260 62
19	4,800	25		4	29	180	1 45	2 25	2 25	338 95	14 98	323 97
20	6,561	20		5	25	198	1 30	2 25	2 00	240 07	10 49	229 58
21	8,850	37		6	33	246	1 30	2 05	1 50	340 72	18 10	322 62
22	5,000	27		5	32	200	1 30	1 50	2 50	225 31	14 06	211 25
23	8,500	30		2	32	200	1 30	2 25	2 00	379 84	23 90	355 94
24	3,412	19		3	22	220	1 30	2 05	1 60	263 81	13 95	249 86
25	3,246	27		5	32	150	1 30	2 25	1 65	174 28	9 13	165 15
26	2,200	35		4	39	160	1 30	2 25	1 60	194 61	5 07	189 54
27	4,416	17		3	20	209	1 30	2 10	2 00	377 32	20 09	357 23
28	700	7		1	8	180	1 50		1 50	158 25	7 00	151 25
29	4,400	22		4	26	200	1 35	2 25	2 00	300 84	15 23	285 61
30	20,585	83		8	91	224	1 30	2 05	2 00	340 89	20 35	320 54
31	3,029	16		2	18	200	1 30	2 25	1 25	262 70	15 14	247 56
32	979	10		2	12	102	1 35	2 25	1 75	146 58	7 42	139 16
33	4,110	32		2	34	160	1 30	2 15	1 60	177 90	16 04	161 86
34	1,028	10		2	12	220	1 35	2 00	1 60	184 15	7 71	176 44
35	2,750	18		3	21	150	1 45	2 25	2 00	239 76	11 78	227 98
36	600	5		1	6	232	1 50		1 60	206 33	9 00	197 33
	171,753	887	6	122	1,015							



COAL PRODUCTION, OTHER COUNTIES, 1901.

Office No.	Name of operator.	Post-office address.	Number or name of mine.....	Name of pit boss.	Location of mine.
	Atchison County.				
1	W. F. Donald.....	Atchison	1	Jas. Maynard.....	2½ miles south of Atchison.
	Chautauqua County.				
1	Elliott Coal Company.....	Leads.....	1	J. Elliott.....	1 mile north of Leads.
2	W. M. Pool.....	".....	1	W. M. Pool.....	¼ mile east of "
	Cloud County.				
1	Thomas Struthers.....	Concordia.....	1	F. Struthers.....	Concordia.
2	Herr & Bennett.....	".....	1	".....	8 miles east of Concordia.
3	A. Richardson.....	".....	1	".....	5 " south of Concordia.
4	S. F. Curtis.....	".....	1	J. Blackford.....	7 " northeast of Concordia.
5	Linn & Jackson.....	".....	1	C. G. Linn.....	8 " " "
6	A. Richardson.....	".....	1	A. Richardson.....	8 " " "
	Ellsworth County.				
1	F. M. Lingo.....	Wilson.....	1	F. M. Lingo.....	Wilson.
2	W. H. Modrow.....	Glenn.....	1	W. H. Modrow.....	1 mile northwest of Glenn.
3	C. B. Anderson.....	Wilson.....	1	C. B. Anderson.....	3 " west of Wilson.
	Elk County.				
1	J. P. Jenks.....	Howard.....	1	".....	Howard.
	Franklin County.				
1	J. H. Ransom.....	Ransomville.....	4	J. Sims.....	Ransomville.
2	G. Caple.....	".....	1	G. Caple.....	"
3	J. T. Morgan.....	".....	1	".....	"
4	J. E. Richards.....	Pomona.....	1	".....	2 miles south of Pomona.
5	William Morris.....	Williamsburg.....	1	".....	Williamsburg.
6	Thomas Kearney.....	".....	1	T. Kearney.....	"
7	R. F. Hackett.....	Ottawa.....	1	".....	Ottawa.

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INSPECTOR OF COAL-MINES.



State inspector of coal mines reports

Leavenworth County.			
	Home-Riverside Coal Company.....	Leavenworth.....	{ 1 } Jno. Paterson..... Leavenworth.
2	Kansas State Mine.....	Lansing.....	{ 2 } W. H. Bird..... Lansing.
3	Carr Coal Mining Company.....	Leavenworth.....	{ 3 } Pen. M. Hunt..... 2¼ miles south of Leavenworth.
			1
Linn County.			
1	W. D. Burnett.....	Pleasanton.....	Geo. Brown..... 2¼ miles south of Pleasanton.
2	M. L. Barron.....	La Cygne.....	M. L. Barron..... 3 miles west of Amsterdam, Mo.
3	Other strip pits (estimated).....		
Shawnee County.			
1	W. A. Eaton.....	Topeka.....	1 W. A. Eaton..... 4 miles west of Topeka.
Lincoln County.			
1	L. P. Nelson.....	Denmark.....	L. P. Nelson..... 2 miles north of Denmark.
2	Chas. Bailey.....	"	2 " "

BIENNIAL REPORT.



INSPECTOR OF COAL-MINES.

COAL PRODUCTION, OTHER COUNTIES, 1901—CONCLUDED.

Office No.....

Railroad connections.	Kind of opening.....	Kind of power used....	Tons of coal produced....	Average number of employees.				Number days mine worked...	Wages paid.		
				Miners.....	Boys.....	Day men...	Total.....		Mining.....	Under-ground day men...	Above-ground day men...

Atchison County.

1	Mo. Pacific....	Drift.	Horse.	1,800	10	2	12	150	\$1 50	\$2 00	\$1 50
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Chautauqua County.

1	None.....	Drift.	Man. Horse.	400	6	2	8	180	\$1 50	\$1 50	\$1 25
2	"	"	"	1,000	14	5	19	200	1 50	1 75	1 25
	Totals.....			1,400	20	....	7	27	380			

Cloud County.

1	None	Shaft.	Horse.	3,800	10	2	3	15	212	\$1 45	\$2 00	\$2 00
2	"	"	"	986	4	....	1	5	195	1 60	1 50	1 50
3	"	Slope.	"	684	8	1	....	9	....	1 55	1 75	1 25
4	"	"	"	1,318	7	1	....	5	13	140	1 45	1 50
5	"	"	"	1,000	8	2	....	1	11	170	1 50	1 50
6	"	"	"	1,328	7	....	1	8	180	1 60	....	2 00
	Totals.....			8,576	44	6	11	61	490			

Ellsworth County.

1	None	Drift.	Man. Horse.	515	6	....	2	8	103	\$2 00	....	\$2 00
2	"	Shaft.	"	150	4	....	1	5	90	2 50	....	1 00
3	"	Drift.	Man.	472	8	1	9	59	2 12	2 00
	Totals.....			1,137	18	4	22	252			

Elk County.

1	None	Strip.		800								
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Franklin County.

1	A. T. & S. F....	Shaft.	Horse.	3,000	18	4	22	180	\$1 45	\$1 75	\$1 50
2	None	"	Man.	310	2	2	150
3	"	Slope.	"	280	4	....	1	5	....	....	....	....
4	"	Drift.	Horse.	4,800	22	....	....	22	250	1 50	1 50	1 25
5	"	"	"	300	3	....	....	3	....	....	....	....
6	"	"	"	680	6	....	1	7	250	1 50	1 50	2 00
7	"	"	"	320	3	....	....	3	....	....	....	....
	Totals.....			9,690	58	....	6	64	830			

Leavenworth County.

1	*	Shaft.	Steam.	194,440	476	10	147	633	153	\$0 84	\$2 20	\$1 60
2	"	"	"	58,336	261	....	43	304	303	....	....	....
3	S. F. and N. W..	"	"	37,147	....	....	75	75	220	85	2 25	1 60
	Totals.....			289,923	737	10	265	1,012	676			

Linn County.

1	Mo. Pacific....	Shaft.	Steam.	25,600	60	....	12	72	213	\$0 85	\$2 05	\$1 60
2	None	"	Horse.	2,674	....	....	....	....	....	....	....	....
3	"	Strip pits	....	14,600	....	....	....	....	....	....	....	....
	Totals.....			42,874	60	12	72	213			

Shawnee County.

1	None	Shaft.	Horse.	53	2	2	70	\$2 00	\$1 25
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Lincoln County.

1	None	Shaft.	Horse.	464	4	6	10	120	\$2 00	\$1 25
2	"	"	"	250	6	1	7	80	2 50	1 25
	Totals.....			714	10	7	17	200			
	Grand totals..			444,424								

*All roads reaching Leavenworth.
†Convict labor.

COAL PRODUCTION,
1902.



COAL PRODUCTION IN CRAWFORD COUNTY, 1902.

Office No.	Name of operator.	Post-office address.	Number of mine.	Name of pit boss.	Location of mine.	Railroad connections.	Kind of opening.	Kind of power used.
1	Mount Carmel Coal Company	Frontenac and Topeka.	5	Wm. Hart	1½ miles northwest of Chicopee	A. T. & S. F.	Shaft.	Steam.
2	"	"	6	Phil. Jones	1 mile west of Frontenac	"	"	"
3	"	"	7	John McFarney	2 miles southeast of Frontenac	"	"	"
4	Western Coal and Mining Company	Pittsburg and St. Louis.	8	Francis Keegan	1½ miles southwest of Chicopee	"	"	"
5	"	"	3	John Ryder	Fleming	Mo. Pac.	"	"
6	"	"	5	Wm. Mooney	Yale	"	"	"
7	"	"	7	P. Roeser	Fleming	"	"	"
8	Central Coal and Coke Company	Weir City and E. C. Mo.	10	T. Oliver	1½ miles southwest of Fleming	"	"	"
9	"	"	9	John Barr	Nelson	"	"	"
10	"	"	15	Geo. T. McGrath	5 miles southwest of Pittsburg	K. C. South'n.	"	"
11	"	"	17	Geo. Walker	1½ miles northwest of Nelson	A. T. & S. F. & S. A.	"	"
12	"	"	26	Fred. Kemster	4 miles southwest of Pittsburg	Frisco	"	"
13	"	"	27	John Jenkins	3½ "	"	"	"
14	"	"	28	"	"	"	"	"
15	"	"	30	Geo. Elliott	4 " northeast	"	"	"
16	"	"	31	Alex. McAllister	7 "	"	"	"
17	"	"	37	D. Galbraith	6 "	"	"	"
18	"	"	41	D. B. White	2½ miles northwest of Weir City	"	"	"
19	Wear Coal Company	Pittsburg and E. C. Mo.	5	A. B. Kirkwood	2 miles northeast of Pittsburg	Mo. Pac. and Frisco	"	"
20	"	"	7	Gus Finburg	"	Frisco	"	"
21	"	"	9	D. Annett, lessee	3 " southwest	"	"	"
22	"	"	11	John Barritt	2 " west	"	"	"
23	"	"	12	"	3 " east	"	"	"
24	Great Western Coal Company	Fuller	1	S. Newlands	Fuller	K. C. South'n.	"	"
25	Pittsburg Coal and Coke Company	Pittsburg	3	P. White	4½ miles southwest of Pittsburg	Frisco	"	"
26	Weir Junction Coal Company	Weir City	1	J. Schwab	2½ miles east of Cherokee	"	"	"
27	Hamilton & Grant	"	1	A. Braidwood	2½ miles north of Weir City	"	"	"
28	J. E. Crowe Coal Company	"	6	John Lamb, lessee	Coalvale	"	"	"
29	Bruce Mining and Smelting Co.	Bruce	2	T. Harbottle	1½ miles east of Bruce	"	"	"
30	Davis Coal Company	Coalvale	1	"	Coalvale	"	"	"
31	Dr. A. Bell	"	1	A. Wyant	"	"	"	Horse.
32	M. H. Miller & Sons	Mulberry	1	John Turnbull	1½ miles northwest of Mulberry	"	Slope.	Steam.
33	"	"	2	J. C. Johnson	2 " north	None	"	"
34	"	"	3	Grant Ewing	Coalvale	"	"	"
35	Robson Bros	Pittsburg	1	Wm. Robison	Pittsburg	"	"	Horse.
36	Nicholas & Linthecum	Mulberry	2	Thos. Pearson	3½ miles northwest of Mulberry	Frisco	Slope.	Steam.
37	Chapman Coal Company	Pittsburg	1	D. Davison	1 mile south of Fuller	K. C. South'n.	Shaft.	"
38	Decker Mine	"	1	D. Decker	1 mile northwest of Pittsburg	None	"	Horse.
39	Baxter Coal Company	"	1	A. Barter	1 "	"	"	"

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INSPECTOR OF COAL MINES.



42	B. S. Chambers & Co.....	Mulberry.....	2	Thos. Reanley.....	2¼ miles N. W. Mulberry.....	Frisco.....	Slope.	Steam.
43	Mohawk Coal Co.....	Pittsburg.....	1	Henry Nesh.....	2 miles N. W. Pittsburg.....	None.....	Shaft.	"
44	La Belle Coal Co.....	Frontenac.....	1	H. W. Wilson.....	1 mile S. of Frontenac.....	A. T. & S. F.....	"	"
45	Jules & Demars.....	Pittsburg.....	1	".....	1 mile W. of Pittsburg.....	None.....	"	Horse.
46	Danna & Baxter.....	".....	1	A. Danna.....	1½ miles W.	".....	"	"
47	Boland-Darnall Coal Co.....	Yale and K. C.....	1	A. Gasoline.....	1 mile east of Yale.....	Mo. Pac.....	"	Steam.
48	Navis Coal Co.....	Pittsburg.....	1	James Barrowman.....	¾ miles W. Pittsburg.....	Frisco.....	"	Horse.
49	Peacock Coal Co.....	".....	1	".....	2 miles N. E.	None.....	Slope.	"
50	Pittsburg & Midway Coal Co.....	Midway.....	3	Strip pits.....	Midway.....	Frisco & Santa Fe.....	Strip pit.	"
51	".....	".....	4	Robt. Penman.....	".....	".....	Shaft.	Steam.
52	".....	".....	5	Wm. Morgan.....	".....	Frisco.....	"	"
53	".....	".....	6	T. R. Jones.....	".....	Frisco, L. T. & F.....	"	"
54	Harper Coal Co.....	Pittsburg.....	1	W. H. Harper.....	".....	None.....	"	Horse.
55	Lanyon & Gibson.....	".....	1	".....	West of Pittsburg.....	".....	"	"
56	W. C. Beck.....	".....	Strip	".....	Midway.....	".....	Strip pit	"
57	C. A. Beck.....	".....	".....	".....	Pittsburg.....	".....	"	"
58	C. C. Cockrell.....	".....	".....	".....	".....	".....	"	"
59	Wear Coal Co.....	".....	".....	".....	".....	".....	"	"
60	W. H. Miller.....	Mulberry.....	".....	".....	Mulberry.....	".....	"	Steam.
61	Other strip pits (estimated).....	".....	".....	".....	".....	".....	"	Horse.
62	Karns Coal Co.....	Englevale.....	6	".....	1 mile south Englevale.....	Mo. Pac.....	Shaft.	Steam.
Totals and averages.....								

BIENNIAL REPORT.



COAL PRODUCTION IN CRAWFORD COUNTY, 1902—CONTINUED.

Office No.	Tons of coal produced.				Average number of employees.				Number days mine worked.	Wages paid.			Keels of powder used.
	Lump.	Nut and slack.	Mine run.	Total.	Miners.	Boys.	Day men.	Total.		Mining.	Under-ground day work.	Above-ground day work.	
1			292,769	292,769	253	12	122	387	251	\$0 65	25	\$1 80	20,677
2			230,508	230,508	192	9	101	302	230	65	25	1 80	14,694
3			152,919	152,919	104	3	54	161	241	65	25	1 85	9,055
4			117,882	117,882	132	4	49	185	309	65	25	1 85	7,909
5	24,594	24,324	2,209	51,217	79	4	22	105	224	65	10	1 75	3,670
6	104,260	47,684		151,944	199	9	33	241	272	65	10	1 70	9,399
7	73,122	90,073	193	163,388	208	8	38	254	238	65	15	1 80	10,906
8	18,645	23,102		41,747	67	2	17	85	257	65	15	1 75	3,560
9			54,279	54,279	65	5	24	94	202	65	10	1 65	4,308
10	68,958	87,756	3,476	160,190	240	0	43	283	229	65	10	1 75	11,155
11			57,868	57,868	120	5	27	152	198	65	15	1 75	4,011
12	23,194	19,064		42,258	60	2	26	88	222	65	05	1 75	2,678
13	79,235	64,109	475	143,819	170	8	42	220	227	65	05	1 75	2,530
14			9,000	9,000	30	0	15	45	60	65	05	1 75	530
15	26,508	20,393		46,901	75	2	19	98	176	65	15	1 70	2,764
16	42,838	32,692		75,530	175	2	32	209	188	65	15	1 70	6,144
17	31,236	38,227		69,463	140	2	28	170	210	65	15	1 70	5,050
18	27,030	28,176		55,206	60	0	22	82	150	65	10	1 75	3,916
19	45,292	47,802		93,094	108	6	31	145	224	65	15	1 80	5,900
20	108,783	116,689	7,209	232,681	225	5	35	265	225	65	15	1 80	12,187
21	23,819	12,895	4,649	41,363	60	1	14	75	222	65	10	1 85	2,109
22	16,107	18,103	3,811	38,021	48	0	14	62	208	65	15	1 80	2,679
23			1,000	1,000			8	8	100		2 25	1 60	
24	12,302	13,822	15,072	44,196	60	0	20	80	275	65	2 25	1 80	3,087
25	25,835	18,464		44,298	40	2	15	57	235	65	2 00	2 00	1,955
26	13,520	7,074	6,785	27,384	32	2	24	58	212	65	2 05	1 60	1,875
27			22,866	22,866	22	5	13	40	230	65	2 05	1 60	1,448
28	6,770	4,590		11,360	27	2	9	38	234	65	2 05	1 60	1,302
29			3,200	3,200	30	0	0	30	80		2 25	1 80	
30			1,200	1,200	12	0	3	15	55	65	2 05	1 55	95
31			3,956	3,956	8	0	4	12	240	65	2 05	1 55	814
32			27,463	27,463	37	0	11	48	229	65	2 05	1 60	1,596
33			6,257	6,257	13	0	4	17	107	65	2 05	1 60	344
34			3,542	3,542	9	0	5	14	116	65	2 05	1 60	195
35			3,956	3,956	8	0	4	12	240	65	2 05	1 55	314
36			10,946	10,946	15	1	4	20	256	65	2 25	1 75	746
39	1,652	955	33,162	35,769	50	0	14	64	239	65	2 30	2 15	2,282
40			4,000	4,000	8	0	2	10	160	65	2 00	2 00	175
41			1,500	1,500	7	1	2	10	50	65	2 25		60
42	11,749	10,764	1,698	24,211	32	0	8	40	228	65	2 12	1 60	1,695
43			17,342	17,342	16	0	5	21	270	65	2 05	2 05	949
44	35,027	16,287		51,314	36	2	9	47	210	65	2 10	1 70	2,159
45	3,000	800	2,500	6,300	5	2	1	8	200	65	2 25	1 50	200
46			9,065	9,065	14	0	7	21	236	65	2 15	2 00	6,188
47	43,751	48,444	4,209	96,404	120	2	24	146	266	65	2 25	1 75	750
48	9,955	11,340	7,900	29,195	29	1	10	40	284	65	2 37	2 02	1,924
49			4,000	4,000	5	0	2	7	200	65		2 00	175
50			19,468	19,468									
51	32,276	38,019	335	70,630	91	5	33	129	237	65	2 20	1 75	4,781
52	14,569	17,765		32,338	75	1	25	101	112	65	2 10	1 75	1,762
53	16,332	22,105	9,679	48,116	57	3	21	81	235	65	2 10	1 75	2,767
54			1,000	1,000	2	0	0	2	200	65			30
55			1,800	1,800	10	0	2	12	60	65		1 80	190
56			15,000	15,000									
57			7,100	7,100									
58			22,000	22,000									
59			2,304	2,304									
60			3,750	3,750									
61			32,000	32,000									
62			530	530	0	0	12	12	140		2 15	2 00	55
	940,364	882,521	1,279,564	3,100,449	3,674	118	1,105	4,897					190,236



BIENNIAL REPORT.

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COAL PRODUCTION IN CRAWFORD COUNTY, 1902—CONCLUDED.

Office No.....	Gross earnings...	Gross expenses...	Net earnings...	Earnings per man.....	Expenses per man.....	Net earnings per man.....	Remarks.
1..	\$287,346 98	\$50,133 07	\$237,212 91	\$742 49	\$129 87	\$612 62	New mine.
2..	244,481 00	36,303 00	208,178 00	726 29	121 01	605 28	
3..	142,163 25	22,697 57	119,465 68	883 00	140 91	742 08	
4..	110,565 50	19,354 46	91,211 04	597 10	104 10	493 00	
5..	45,606 45	8,077 82	37,528 63	434 34	76 93	357 91	
6..	131,910 00	23,356 32	108,553 68	539 04	96 90	442 14	
7..	140,627 05	26,713 64	113,913 41	563 65	105 15	458 50	
8..	40,047 25	8,376 31	31,670 94	465 60	97 40	368 20	
9..	49,820 45	10,244 37	39,576 08	530 00	108 98	421 02	
10..	139,836 50	27,123 50	112,713 00	494 10	95 85	398 25	
11..	53,073 00	9,758 00	43,315 00	349 16	64 86	284 30	
12..	43,237 50	6,623 74	36,613 76	491 22	75 27	415 95	
13..	126,989 25	20,974 00	106,015 25	577 22	95 33	482 89	
14..	8,460 00	1,330 00	7,130 00	189 79	29 54	160 25	Closed down most of year.
15..	41,863 75	6,927 00	34,936 75	440 67	72 91	367 76	
16..	81,361 15	15,009 49	66,351 66	386 28	71 81	317 47	
17..	63,857 25	12,183 89	51,673 36	375 68	71 69	303 94	
18..	48,004 50	9,448 00	38,556 50	584 42	115 77	468 65	
19..	93,298 75	14,976 43	78,322 32	643 45	108 37	540 08	
20..	190,260 75	31,354 43	158,906 32	717 67	118 31	599 36	
21..	37,682 25	5,458 89	32,223 36	502 43	72 78	429 65	
22..	34,339 75	6,498 63	27,841 12	553 86	104 81	449 05	
23..	3,600 00	100 00	3,500 00	450 00	12 50	437 50	
24..	44,147 00	7,479 88	36,667 12	458 34	83 49	374 85	
25..	41,153 50	5,238 94	35,914 56	721 90	91 90	630 00	
26..	29,805 80	4,469 72	25,336 08	532 23	79 80	452 53	Worked three months.
27..	22,399 50	3,581 98	18,817 52	571 65	89 55	482 10	
28..	12,650 10	2,944 80	9,705 30	333 00	77 49	255 51	
29..	5,400 00	96 00	5,304 00	146 60	3 20	143 40	
30..	1,057 00	226 00	831 00	70 46	15 12	55 34	
31..	4,517 40	746 68	3,770 72	376 45	62 22	314 23	
32..	25,246 40	3,995 89	21,250 51	525 97	83 24	442 73	
33..	6,076 55	875 70	5,200 85	357 44	51 51	305 93	
34..	3,729 50	496 24	3,233 26	260 40	35 44	224 96	
35..	4,517 40	746 68	3,770 72	376 45	62 22	314 23	
36..	10,769 50	1,819 28	8,950 22	538 47	90 96	447 51	
37..	34,355 25	5,633 07	28,722 18	521 17	88 07	433 10	
38..	3,640 00	428 00	3,212 00	364 00	42 80	321 20	Worked four months.
39..	1,225 00	45 00	1,170 00	117 00	4 50	112 50	
40..	21,190 65	4,116 33	17,074 32	530 00	102 90	427 10	
41..	15,774 00	2,418 26	13,355 74	779 70	115 36	664 34	
42..	30,890 25	5,468 81	25,421 44	657 21	115 72	541 49	
43..	5,525 00	539 00	4,986 00	690 60	73 60	617 00	
44..	84,094 90	15,264 82	68,830 08	576 00	104 55	471 45	
45..	10,038 75	1,771 95	8,266 80	478 03	84 36	393 67	
46..	27,044 25	4,723 85	22,320 40	676 10	118 09	558 01	
47..	3,800 00	470 00	3,330 00	543 00	67 14	475 86	
48..							
49..							
50..							Worked five months.
51..	65,613 75	11,680 87	53,932 88	513 90	90 55	423 35	
52..	29,553 50	4,494 14	25,059 36	240 13	44 50	195 63	
53..	45,857 00	6,977 48	38,879 52	567 44	86 14	481 30	
54..	750 00	60 00	690 00	375 00	30 00	345 00	
55..	1,566 00	234 00	1,332 00	111 00	17 00	94 00	
56..							
57..							
58..							
59..							
60..							
61..							
62..	3,528 00	84 40	3,443 60	294 00	7 00	287 00	
	\$2,757,739 34	\$470,239 35	\$2,287,499 99	\$563 14	\$96 02	\$467 12	New mine.



COAL PRODUCTION IN CHEROKEE COUNTY, 1902—CONTINUED.

Office No.	Tons of coal produced.				Average number of employees.				Number days mine worked.	Wages paid.			Kags of powder used.
	Lump.	Nut and slack.	Mine run.	Total.	Miners	Boys	Day men	Total		Mining	Underground day men	Above-ground day men	
1	71,704	54,481	.....	126,185	118	0	49	167	229	\$0 65	\$2 15	\$1 90	8,445
2	49,063	67,885	.....	107,694	110	0	28	138	170	65	2 10	1 75	6,545
3	53,960	63,019	1,815	148,794	135	0	47	182	241	65	2 10	1 85	10,539
4	20,280	25,714	1,357	47,352	45	0	13	58	166	65	2 10	1 75	3,995
5	3,150	2,150	.....	5,300	40	4	19	63	66	65	2 05	1 60	205
6	21,490	19,900	.....	41,390	80	8	22	110	179	65	2 05	1 60	4,852
7	37,010	35,770	.....	72,780	97	8	25	130	269	65	2 05	1 60	9,220
8	7,260	600	.....	13,280	38	2	10	50	144	65	2 05	1 60	800
9	17,945	17,675	4,000	39,620	66	5	18	89	252	65	2 05	1 60	5,053
10	2,360	1,960	.....	4,320	40	0	15	55	140	65	2 05	1 60	443
11	.....	.....	29,044	29,044	45	2	16	63	188	65	2 10	1 80	1,858
12	1,066	1,304	3,422	5,794	25	0	12	37	72	65	2 05	1 60	400
13	28,661	35,065	4,624	68,350	72	0	23	95	209	65	2 05	1 60	4,225
14	3,871	4,731	2,721	11,323	27	0	10	37	97	65	2 05	1 60	780
15	6,135	6,115	400	12,650	15	0	12	27	180	65	2 05	1 60	635
16	.....	.....	13,327	13,327	10	0	6	16	236	65	2 05	1 60	625
17	31,822	20,493	.....	52,315	45	0	24	69	228	65	2 05	1 60	3,480
18	.....	.....	.....	19,200	25	2	13	40	220	65	2 15	1 75	700
19	.....	.....	88,270	88,270	92	2	21	115	280	65	2 20	2 00	6,316
20	.....	.....	5,220	5,220	12	1	7	20	168	65	2 10	1 75	277
21	.....	.....	3,925	3,925	4	0	2	6	180	65	2 05	1 80	196
22	.....	.....	2,000	2,000	5	0	4	9	227	75	2 25	1 75	200
23	.....	.....	2,080	2,080	2	0	2	8	160	65	2 05	1 25	72
24	22,411	28,420	.....	50,831	54	1	14	69	242	65	2 20	1 90	4,199
25	7,022	10,572	8,240	25,595	35	0	12	47	229	65	2 25	1 75	2,250
26	47,251	25,192	3,383	75,806	72	0	24	96	250	65	2 25	1 80	6,352
27	82,370	32,268	13,168	127,806	120	0	33	153	250	65	2 25	1 80	8,820
28	62,236	27,868	11,313	101,417	105	0	23	128	252	65	2 25	1 80	7,729
29	.....	.....	3,925	3,925	4	0	12	6	190	65	2 05	1 80	196
30	6,695	5,217	1,431	13,343	23	0	2	35	251	65	2 50	1 75	1,226
.....	.....	.....	5,300	5,300	8	0	5	13	195	65	2 25	1 75	230
.....	.....	.....	3,000	3,000	7	1	2	10	215	65	2 05	.....	151
.....	17,212	21,941	9,903	49,056	85	0	15	100	252	65	2 25	1 60	3,066
.....	2,853	1,364	1,980	6,987	5	1	2	8	294	65	2 25	2 00	267
.....	.....	.....	31,735	31,735	80	0	20	100	235	65	2 25	1 85	2,970
.....	.....	.....	59,543	59,543	70	0	24	94	217	65	2 05	1 60	3,746
.....	.....	.....	16,200	19,200	25	2	13	40	220	65	2 15	1 75	700
.....	936	730	.....	1,666	8	0	5	13	73	65	2 25	1 75	135
.....	.....	.....	151	151	2	0	3	5	6	65	2 15	1 75	10
.....	6,389	5,677	17,249	29,315	45	0	15	60	214	65	2 15	1 75	1,966
.....	.....	.....	2,000	2,000	8	1	3	12	125	65	2 05	1 60	200
.....	1,000	800	200	3,800	7	0	4	11	225	65	2 15	1 50	200
.....	.....	.....	871	871	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	4,000	4,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	4,000	4,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	6,025	6,025	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	2,526	2,526	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	6,200	6,200	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	5,000	5,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	3,000	3,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	12,000	12,000
.....	632,126	518,111	423,560	1,573,791	1,916	40	633	2,559	114,268



BIENNIAL REPORT.

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COAL PRODUCTION IN CHEROKEE COUNTY, 1902—CONCLUDED.

Office No.....	Gross earnings...	Gross expenses...	Net earnings.....	Earnings per man.....	Expenses per man.....	Net earnings per man.....	Remarks.
1	\$117,642 80	\$20,635 55	\$97,007 25	\$704 45	\$123 56	\$580 89	
2	88,497 40	16,320 82	72,176 58	641 29	118 05	523 24	
3	134,249 50	25,541 82	108,707 68	737 63	140 33	597 36	
4	39,830 00	9,410 56	30,419 44	686 72	160 55	526 17	
5	6,483 00	569 00	5,914 00	102 80	9 08	93 72	Abandoned.
6	38,918 50	11,045 70	27,872 80	353 80	100 41	253 39	
7	67,026 25	20,623 63	46,402 62	515 58	158 63	356 95	Closed down part time.
8	12,825 00	1,997 80	10,827 20	256 54	39 50	216 59	New mine.
9	38,106 60	11,284 60	26,822 00	577 37	170 92	406 45	Mine shut five months.
10	7,440 00	1,015 60	6,424 40	135 40	18 46	116 95	
11	27,799 00	4,587 32	23,211 68	436 48	72 02	364 46	
12	5,987 00	973 82	5,013 18	161 87	26 32	135 55	
13	60,295 80	10,500 50	49,795 30	634 69	110 52	524 17	
14	10,335 25	1,859 69	8,475 56	279 32	50 26	229 06	
15	14,347 50	1,649 50	12,698 00	470 29	61 09	409 20	
16	13,307 35	2,649 61	10,657 74	831 77	165 61	666 16	
17	51,620 25	8,529 45	43,100 80	624 64	121 84	502 80	
18	20,120 00	1,976 00	18,144 00	453 60	49 50	404 20	
19	78,550 50	13,280 10	65,270 40	683 04	115 50	567 56	
20	7,239 00	710 60	6,528 40	366 95	33 67	333 28	
21	3,609 75	515 75	3,094 00	601 62	85 93	515 96	
22	3,416 00	460 00	2,956 00	328 44	51 11	277 33	
23	2,130 00	206 40	1,923 60	532 50	51 60	480 90	
24	45,326 35	9,910 93	35,415 42	656 90	143 63	513 27	
25	24,669 80	5,317 94	19,351 86	531 26	113 14	418 12	
26	68,854 60	14,978 18	53,876 42	717 23	156 02	561 21	
27	112,354 50	20,474 18	91,880 32	734 34	133 81	600 53	
28	87,654 75	18,560 51	69,154 24	684 90	144 53	540 37	
29	3,697 75	515 75	3,094 00	601 62	85 93	515 69	
30	16,805 25	2,852 29	13,952 96	480 15	81 49	398 66	
....	5,925 00	619 00	5,306 00	535 61	47 61	408 16	
....	3,131 50	392 00	2,739 50	313 15	39 20	273 95	
....	44,352 00	7,503 68	36,848 32	434 32	75 08	368 29	
....	6,020 85	782 91	5,237 94	762 60	97 68	664 74	
....	34,438 25	6,892 05	27,546 20	344 38	68 92	285 46	Strike at this mine.
....	54,292 05	9,278 29	45,013 76	577 57	98 70	478 87	
....	20,120 00	1,976 00	18,144 00	453 60	49 50	404 20	
....	1,979 50	220 00	1,759 50	135 34	16 92	118 42	Part of year.
....	149 25	24 55	124 70	29 85	4 91	24 94	New mine.
....	28,406 25	4,811 45	23,594 80	393 24	60 19	333 05	
....	2,187 50	460 00	1,727 50	182 30	38 00	144 30	Worked five months.
....	3,680 00	514 00	3,166 00	332 71	46 90	285 81	
	\$1,407,594 83	\$271,434 02	\$1,136,160 81	\$549 79	\$109 33	\$440 46	



COAL PRODUCTION IN OSAGE COUNTY, 1902.

Office No.....	Name of operator.	Post-office address.	Number or name of mine..	Name of pit boss.	Location of mine.
1	Mt. Carmel Coal Co..	Osage City..	14	A. Anderson	1 mile S. W. Scranton.
2	" "	Topeka.....	28	H. Grunstreet....	2 miles N. E. Osage City.
3	" "	" "	29	John O'Mellia...	1 1/4 " " "
4	K. K. K.	Osage City..	4	T. R. Jones.....	Osage City.
5	Black Diamond	" "	1	E. Nettleblade...	1 mile west Osage City.
6	Western Fuel Co.....	" "	2	Wm. Noel.....	1 " " "
7	" "	" "	4	Chas. Swanson...	2 " " "
8	" "	" "	5	P. Fosberg.....	1 1/4 " " "
9	Johnson Coal Co.....	" "	1	Chas. Long.....	Osage City.
10	" "	" "	2	Wm. Harper.....	" "
11	" "	" "	3	C. Anderson.....	" "
12	Sunflower.....	" "	1	J. E. Raman.....	1 1/2 miles east Osage City.
13	Murray Coal Co.....	" "	1	J. W. Murry.....	" "
14	A. R. Galatia.....	" "	1	A. R. Galatia.....	2 " " "
15	Cliff & Son.....	" "	1	A. Cliff.....	2 " S. E. "
16	Sam Carlson.....	" "	1	S. Carlson.....	Osage City.
17	Shirley Coal Co.....	" "	"	"	"
18	Labor Exchange.....	" "	"	"	"
19	" "	" "	2	A. Lungrist.....	" "
20	" "	" "	3	A. Catlin.....	2 miles N. Burlingame.
21	Davis Coal Co.....	" "	"	R. J. Cahill.....	Osage City.
22	Granstrom Coal Co...	" "	"	A. Borley.....	" "
23	Isaac Jones.....	" "	1	Pat Ross.....	" "
24	Coughlin Coal Co.....	Peterton....	1	L. Jones.....	1 mile N. E. Peterton.
25	Harney Coal Co.....	" "	1	J. T. Coughlin...	1 " " "
26	Washington Exch'ge.	Burlingame...	1	Wm. Harney.....	Burlingame.
27	Hotchkiss Bros	" "	1	J. Hotchkiss.....	1/2 mile S. Burlingame.
28	Jack Coal Co.....	" "	1	John Jack.....	" "
29	Star Coal Associat'n..	" "	1	"	" "
30	Bell Coal Co.....	" "	1	John Bell.....	" "
31	McFarland Coal Co..	" "	1	John McFarland..	Burlingame.
34	Elliott Coal Co.....	" "	1	T. Elliott.....	" "
35	Whitcomb Coal Co...	" "	1	F. Whitcomb.....	" "
36	Ross Coal Co.....	" "	1	A. Ross.....	" "
37	Chappell Coal Co.....	Scranton & Topeka	3	John Gobler.....	Scranton.
38	" "	" "	4	H. Gilley.....	1/2 mile west Scranton.
39	Isaacville Coal Co....	Scranton...	1	H. Isaacs.....	2 miles " " "
40	Standard Coal Co.....	" "	1	C. S. Griffin.....	2 1/2 " " "
41	Bellville Coal Co.....	" "	1	R. M. Buntin.....	" " " "
42	A. G. White Coal Co..	" "	1	A. G. White.....	" " " "
43	Noble Coal Co.....	" "	1	S. Noble.....	" " " "
44	Kansas Mine & Fuel..	Burlingame...	1	A. M. Summers...	Burlingame.
45	Red Jacket.....	" "	1	Wm. Waddeford..	" "
Totals and averages.....					



COAL PRODUCTION IN OSAGE COUNTY, 1902—CONTINUED.

Office No.	Railroad connections.	Kind of opening.	Kind of power used.	Tons of coal produced.	Average number of employees.				Number days mine worked.	Wages paid.			Gross earnings.	Gross expenses.	Net earnings.	Earnings per man.	Expenses per man.	Net earnings per man.
					Miners.	Boys.	Day men.	Total.		Mining.	Underground day men.	Above-ground day men.						
1	A. T. & S. F.	Shaft.	Horse.	5,894	30	0	3	33	110	\$1 40	25	25	\$9,137 92	\$461 52	\$8,676 40	\$285 08	\$13 93	\$271 10
2	"	"	"	12,808	82	0	10	92	122	1 45	25	25	22,220 77	924 72	21,296 05	224 17	9 73	214 44
3	"	"	"	15,833	75	0	8	83	105	1 45	25	25	27,334 89	1,266 64	26,068 25	329 33	15 26	314 07
4	Mo. Pac. R. R.	"	"	3,884	12	0	3	15	162	1 45	25	25	6,440 32	310 72	6,129 60	429 35	20 70	408 64
5	"	"	"	2,325	11	0	3	14	181	1 45	25	25	4,710 40	186 00	4,524 40	336 00	13 29	322 71
6	"	"	"	5,950	22	1	5	28	191	1 45	25	25	10,954 75	476 00	10,478 75	391 20	17 10	374 10
7	"	"	"	6,586	30	0	4	34	170	1 45	25	25	11,243 28	526 88	10,716 40	330 68	15 43	315 25
8	"	"	"	2,833	12	0	2	14	174	1 45	25	25	4,839 63	226 64	4,612 90	345 70	16 05	329 65
9	None.	"	"	1,233	8	0	2	10	120	1 45	25	25	2,304 84	98 64	2,206 20	230 48	9 86	220 62
10	Mo. Pac. R. R.	"	"	3,000	12	0	3	15	161	1 45	25	25	5,396 00	240 00	5,156 00	357 73	16 00	341 73
11	"	"	"	682	16	0	2	18	43	1 45	25	25	1,350 60	49 96	1,300 64	75 03	8 00	122 03
12	None.	"	"	2,000	10	0	2	12	180	1 45	25	25	3,698 00	160 00	3,538 00	308 16	13 33	294 83
13	"	"	"	50	3	0	0	3	20	1 45	25	25	72 50	2 00	70 50	23 50	1 66	21 84
14	"	"	"	750	5	0	1	6	200	1 50	25	25	1,577 53	60 80	1,516 73	262 66	10 13	252 53
15	"	"	"	650	2	0	1	3	220	1 45	25	25	814 00	44 00	770 00	271 33	14 66	256 67
16	Mo. Pac. R. R.	Slope.	Man. Horse.	6,328	25	0	4	29	220	1 45	25	25	11,257 44	505 24	10,752 20	401 94	17 43	384 51
17	None.	Shaft.	"	350	7	1	2	9	100	1 45	25	25	557 00	28 00	529 00	85 70	2 80	526 90
18	"	"	"	4,018	24	0	3	27	219	1 50	25	25	7,461 54	321 44	7,140 10	270 00	11 90	258 10
19	A. T. & S. F.	"	"	2,270	11	0	2	13	300	1 50	25	25	4,273 10	180 60	4,092 50	328 90	12 00	316 90
20	None.	"	"	4,584	23	0	4	27	187	1 55	25	25	8,896 72	374 72	8,522 00	329 67	13 88	315 79
21	"	"	"	2,004	3	0	3	6	50	1 45	25	25	396 00	16 00	380 00	132 00	5 33	126 67
22	Mo. Pac. R. R.	"	"	6,416	34	0	4	38	180	1 45	25	25	10,935 68	513 28	10,422 40	392 76	16 04	287 72
23	None.	"	"	1,100	7	0	3	10	100	1 45	25	25	1,990 00	110 00	1,880 00	199 00	11 00	178 00
24	A. T. & S. F.	"	"	3,873	16	1	3	20	205	1 45	25	25	7,001 26	306 96	6,694 30	350 06	15 34	334 72
25	"	"	"	2,450	15	0	2	17	230	1 45	25	25	4,615 00	196 00	4,419 00	271 47	11 53	259 94
26	Mo. Pac. R. R.	"	"	3,200	12	1	2	15	180	1 50	25	25	5,517 40	256 00	5,261 40	364 50	17 06	347 44
27	None.	"	"	4,000	15	0	3	18	160	1 35	25	25	6,480 00	320 00	6,160 00	380 00	17 22	342 78
28	A. T. & S. F.	"	"	4,974	19	0	4	23	219	1 40	25	25	8,864 00	367 52	8,496 48	380 44	17 30	363 14
29	"	"	"	2,780	15	0	2	17	145	1 47	25	25	4,842 00	222 72	4,619 28	284 82	13 10	271 72
30	"	"	"	9,000	30	2	5	37	244	1 35	25	25	14,006 00	720 00	13,286 00	378 57	18 87	359 70
31	"	"	"	5,253	19	0	3	22	159	1 40	25	25	5,965 19	280 24	5,704 95	271 14	11 00	260 14
32	"	"	"	5,978	20	0	2	22	220	1 40	25	25	9,638 00	478 24	9,160 76	438 11	21 75	416 36
33	"	"	"	1,870	15	0	4	29	77	1 35	25	25	3,242 80	149 60	3,093 20	136 00	6 00	108 00
34	None.	"	"	200	3	0	0	3	50	1 45	25	25	396 00	16 00	380 00	132 00	5 33	126 67
35	"	"	"	17,195	62	0	9	71	211	1 35	25	25	28,506 90	1,375 60	27,131 30	401 50	19 35	382 15
36	A. T. & S. F.	"	Steam.	6,443	22	0	3	25	185	1 25	25	25	9,465 04	515 44	8,949 60	370 60	20 60	350 00
37	"	"	"	8,390	25	5	5	35	221	1 35	25	25	14,086 00	661 20	13,424 80	402 45	18 89	383 56

BIENNIAL REPORT.



COAL PRODUCTION IN OSAGE COUNTY—CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of power used.	Tons of coal produced.	Average number of employees.			Number days mine worked.	Wages paid.			Gross earnings.	Gross expenses.	Net earnings.	Earnings per man.	Expenses per man.	Net earnings per man.
					Miners.	Boys.	Day men.		Miners.	Boys.	Day men.						
40	None	Shaft.	Horse.	4,314	20	0	5	25	140	\$1 40	\$2 15	\$7,639 02	\$345 12	\$7,293 90	\$305 56	\$13 81	\$291 75
41	A. T. & S. F.	"	Steam.	2,275	18	1	4	23	304	1 30	2 25	6,144 25	262 00	5,882 25	267 33	11 30	256 03
42	None	"	Horse.	1,600	6	0	1	7	180	1 30	2 10	3,038 00	192 00	2,846 00	434 00	22 00	411 15
43	"	"	"	558	3	0	1	4	150	1 40	2 00	1,080 30	44 74	1,035 56	270 30	11 16	259 14
44	A. T. & S. F.	"	"	2,751	14	0	3	17	156	1 40	2 25	4,898 91	220 08	4,678 83	286 40	12 95	273 45
45	"	"	"	6,328	25	0	4	29	230	1 45	2 00	11,257 44	505 24	10,752 20	401 94	17 43	384 15
				180,211	842	20	132	994				\$313,559 04	\$14,454 80	\$299,104 24	\$315 45	\$14 54	\$300 91

State inspector of coal mines reports

COAL PRODUCTION, OTHER COUNTIES, 1902.

Office No.....	Name of operator.	Post-office address.	Number of mine.....	Name of pit boss.	Location of mine.
Leavenworth County.					
1	Home-Riverside Coal Company.....	Leavenworth	1, 2, 3	Chas. Peet, Geo. Peet, and Jas. Barr....	Leavenworth.
2	Kansas State Mine.....	Lansing	1	Thos. Baglin.....	Lansing.
3	Carr Coal Company.....	Leavenworth	1	M. Hunt.....	Leavenworth.
Linn County.					
1	Goode Brothers.....	La Cygne.....	1	C. S. Goode.....	8 miles east of La Cygne.
2	W. D. Burnett.....	Pleasanton.....	2	Geo. Brown.....	2 1/4 miles northeast of Pleasanton.
3	W. H. Cross & Sons.....	"	"	"	4 miles east of Pleasanton.
4	Brown & Snyder.....	"	1	A. Snyder.....	2 " " "
5	J. T. Martin.....	La Cygne.....	"	"	1 1/2 miles east of La Cygne.
Franklin County.					
1	Ransom & Sims.....	Ransomville	4	James Sims.....	Ransomville.
2	G. H. Caple.....	"	"	G. H. Caple.....	1 mile northwest of Ransomville.
3	J. T. Morgan.....	"	"	"	Ransomville.
4	Chas. Fernett.....	Williamsburg	2	"	Williamsburg.
5	Wm. Marins.....	"	"	"	"
6	Philip Huner.....	"	1	Philip Huner.....	"
7	Thos. Kenney.....	"	1	T. Kenney.....	"
8	R. Fackett.....	Hackett.....	1	"	7 miles northwest of Ottawa.
9	John Birchfield.....	Pomona.....	"	"	3 1/2 miles south of Pomona.
10	Dyer Coal Company.....	"	"	S. E. Richardson.....	3 " " "
Lincoln County.					
1	L. Wilson.....	Denmark.....	"	W. H. Modrow.....	6 miles north of Vesper.
2	L. P. Nelson.....	"	"	L. F. Nelson.....	6 " " "
Cloud County.					
1	Hess & Vermett.....	Concordia.....	1	"	8 miles southeast of Concordia.
2	A. Richardson.....	"	1	"	8 " " "
3	Wm. Netzel.....	"	1	"	8 " " "
4	F. Struthers.....	"	1	"	8 " " "
5	Linn & Jackson.....	"	1	"	8 " " "

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COAL PRODUCTION, OTHER COUNTIES, 1902—CONTINUED.

Office No.....	Name of operator.	Post-office address.	Number or name of mine.....	Name of pit boss.	Location of mine.
	Shawnee County.				
1	W. A. Eaton.....	Topeka.....	1		3½ miles north of Topeka.
	Ellsworth County.				
1	Agle & Drey.....	Wilson.....	1	T. Agle.....	Wilson.
	Atchison County.				
1	Thos. Beattie.....	Atchison.....	Donald	Jas. Maynard.....	2½ miles south of Atchison.
	Republic County.				
1	S. F. Curtis.....	Concordia.....			Minersville.
	Elk County.				
1	Jenks & Son.....	Howard.....			Howard.
	Russell County.				
1	Gilbert Warner.....	Bunker Hill.....			1½ miles northeast of Bunker Hill.
2	N. E. Warner.....				4½ miles northeast of Bunker Hill.
	Chautauqua County.				
1	Elliott & Jones.....	Leeds.....			1 mile north of Leeds.
2	Wm. Pool.....			Wm. Pool.....	1 mile east of Leeds.

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INSPECTOR OF COAL-MINES.



State inspector of coal mines reports

COAL PRODUCTION, OTHER COUNTIES, 1902 - CONTINUED.

Office No.	Railroad connections.	Kind of opening.	Kind of power used.	Tons of coal produced.	Average number of employees.				Number days mine worked.	Wages paid.			Gross earnings.	Gross expenses.	Net earnings.	Earnings per man.	Expenses per man.	Net earnings per man.
					Total.	Day men.	Boys.	Miners.		Mining.	Under-ground day men.	Above-ground day men.						
Leavenworth County.																		
1	*	Shaft.	Steam.	164,529	328	...	113	441	180	\$0 84	\$2 15	\$1 60	\$186,476 81	\$13,161 32	\$173,314 49	\$400 17	\$29 84	\$370 23
2	*	"	"	63,000	265	...	50	315	360	...	...	1 60	75,240 00	5,120 00	70,120 00	508 35	34 59	473 76
3	*	"	"	64,000	113	3	32	148	240	87	2 20	...	...	...	...	...	...	...
		Totals		291,529	...	...	...	589	...	...	...	...	\$261,716 81	\$18,282 32	\$243,434 49	\$444 51	\$31 04	\$413 47
Linn County.																		
1	None	Shaft.	Horse.	1,480	2	0	3	5	100	75	\$1 50	\$1 00	...	...	...	...	...	...
2	Mo. Pac.	"	Steam.	23,507	51	0	11	62	256	85	2 05	1 75	\$26,788 30	\$1,645 49	\$25,122 81	\$432 09	\$97 90	\$364 19
3	None	Strip.	"	120	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	"	Shaft.	Horse.	960	6	...	3	9	72	90	2 00	1 50	...	...	...	...	...	...
5	"	"	"	750	6	...	1	7	72	90	1 25	1 00	...	...	...	...	...	...
		Totals		26,817	...	...	...	83	...	...	...	...	...	...	...	...	...	...
Franklin County.																		
1	A. T. & S. F.	Shaft.	Horse.	4,000	13	...	3	16	200	\$1 45	\$2 00	\$1 75	...	...	...	...	...	...
2	None	"	Man.	180	2	...	...	2	150	1 75	...	...	...	...	...	...	...	...
3	"	"	Horse.	700	2	...	...	2	172	1 50	...	...	...	...	...	...	...	...
4	"	"	"	3,000	2	...	1	3	172	2 50	...	...	...	...	...	...	...	...
5	"	"	"	525	3	...	...	4	150	...	...	...	...	...	...	...	...	...
6	"	"	"	200	2	...	...	2	101	2 00	...	...	...	...	...	...	...	...
7	"	"	"	680	5	...	2	7	150	1 75	1 50	1 00	...	...	...	...	...
8	"	"	"	600	4	...	2	6	132	1 50	1 25	1 25	...	...	...	...	...
9	"	Drift.	"	40	4	...	...	4	35	2 10	...	...	...	...	...	...	...	...
10	"	"	"	1,600	18	...	1	19	74	1 50	1 80	...	...	...	...	...	...	...
		Totals		11,525	55	...	10	65	...	...	...	...	...	...	...	...	...	...

* All roads reaching Leavenworth.
† Convict labor.

BIENNIAL REPORT.



COAL PRODUCTION, OTHER COUNTIES, 1902—CONCLUDED.

Office No.	Railroad connections.	Kind of opening.	Kind of power used.	Tons of coal produced.	Average number of employees.				Number days mine worked.	Wages paid.		
					Miners.	Boys.	Day men.	Total.		Mining.	Under-ground day men.	Above-ground day men.
Lincoln County.												
1	None	Shaft.	Horse.	150	3	1	4	75	\$2 25			
2	"	"	"	287	5		5	92	2 00	\$1 50		
	Totals			437	8	1	9					
Cloud County.												
1	None	Shaft.	Horse.	306	2	1	3	86	\$1 60	\$1 50		
2	"	"	"	415	5	3	8	44	1 60	2 00	\$2 00	
3	"	"	"	675	4	1	5	113	1 60		1 50	
4	"	"	"	3,400	12	6	18	170	1 60	2 00	2 00	
5	"	"	"	765	3	1	4	62	1 60	1 50	1 50	
	Totals			5,561	26	12	38					
Shawnee County.												
1	None			1,287	2	1	3	80	\$2 00	\$1 50		
Ellsworth County.												
1	None	Drift.	Horse.	20	2		2	5	\$1 12	\$1 50		
Atchison County.												
1	Missouri Pacific.	Drift.	Horse.	477	3	2	5	12	\$1 50			
Republic County.												
1	None	Shaft.	Horse.	1,700	6	7	13	280	\$1 50	\$1 50	\$1 50	
Elk County.												
1		Strip pits		800								
Russell County.												
1	None	Drift.	Horse.	15	2		2	42	\$2 25			
2	"	"	"	12	2		2	30	2 25			
	Totals			27								
Chautauqua County.												
1	None	Drift.	Horse.	500	6	1	7	100	\$2 25		\$1 25	
2	"	"	"	300	4	1	5	60	2 25			
	Totals			800								
	Coffey county strip pits (estimated)			15,000								
	Bourbon county strip pits (estimated)			20,000								
	Grand totals.			375,962								

PROCEEDINGS

OF THE FOURTH ANNUAL CONVENTION OF THE STATE ASSOCIATION OF MINERS, HELD AT TOPEKA, KAN.,
FEBRUARY 3, 4, AND 5, 1902.

Pursuant to chapter 256, Session Laws of 1901, the following official call was issued :

To all Miners' Organizations in the State of Kansas, Greeting:

Pursuant to an act passed by the regular session of the legislature of 1901, entitled "An act to amend an act creating a State Association of Miners," etc., it is made the duty of the state secretary of mine industries to issue a call to all miners' associations in the state of Kansas to have them elect delegates to the convention to be held in the state capitol on the first Monday in February, 1902.

Therefore, the fourth annual convention is hereby called to convene at the state capitol, Topeka, in the labor commissioner's office, at nine o'clock A. M., Monday, February 3, 1902.

All credentials must be certified by the presiding officer and secretary and the original returned to this office at least five days before the annual meeting of the convention.

Among the most important work of the convention will be the election of a president, vice-president and secretary of the State Association of Miners, and the discussion of matters tending to advance the interest of the miners of the state.

EDWARD KEEGAN, *Secretary.*

In response to the foregoing call, the delegates assembled in the office of the state labor commissioner, at the Capitol building, at Topeka, February 3, 1902, and were called to order at nine o'clock A. M. by Pres. Dewey Reese.

The president addressed the convention with a few well-chosen remarks, after which he ordered the secretary to read the official call which had been issued to the miners' organizations of the state.

The roll was then called, to ascertain if all the delegates were present.

Motion that the president appoint a committee of five on credentials. Carried.

The president appointed the following committee: Dan O'Donnell, Frontenac; Frank Gilday, Scranton; H. C. Cowan, Weir; H. Burton, Leavenworth; Wm. O'Brien, Midway.

On motion, the president appointed Elmer Jones, of Bruce, as sergeant-at-arms.

Motion that the Committee on Credentials retire. Carried.

A committee of railroad engineers was at this time admitted. Mr. Van Pelt and Mr. Thompson, members of the committee, each ad-



dressed the miners, and cordially invited them to send a committee to confer with a committee of railroad men, in order to work in harmony in selecting a good legislative committee.

Motion by Delegate Wm. Pepworth that a committee of five be appointed to confer with the railroad men. Carried. Committee: Francis Fern, Scammon; W. D. Robinson, Pittsburg; George Fulton, Stippville; Peter Braidwood, Leavenworth; Thomas Herzog, Osage City.

Owing to the great number of delegates present, it was found that the office of the labor commissioner was not large enough to hold the convention, and the secretary announced that he had secured ample rooms at No. 5, on the fourth floor.

On motion, the convention adjourned for dinner.

AFTERNOON SESSION.

The convention met at 1:30 o'clock in the rooms provided and furnished by the secretary of state, and the delegates expressed themselves as well pleased with the arrangement.

The meeting was called to order by the president, Dewey Reese, and, as the Committee on Credentials was not yet ready to report, a number of the delegates entertained the convention with vocal music, which was highly appreciated.

The Committee on Credentials made the following report:

We, the Committee on Credentials, beg leave to report that we have examined the credentials of the following-named delegates, and find them entitled to seats in this convention:

- Wm. Deubleboer, local union No. 40 (R. R. No. 2), Pittsburg.
- Wm. Rollins, local union No. 1822, Chicopee.
- Jules Swance, local union No. 1858, Leavenworth.
- Dewey Reese, Wm. Megison, and Robert Jack, local union No. 1074, Burlington.
- E. Howerton and S. A. Bramlette, local union No. 569, East Mineral.
- S. L. Caraway, local union No. 469, Fleming.
- John M. Young, local union No. 1580 (R. R. No. 2), Pittsburg.
- Wm. Lamberson, local union No. 70, Richfield.
- W. L. Barker and G. P. Gove, local union No. 434 (R. R. No. 1), Pittsburg.
- David Casselman, Wm. O'Brien, Thomas Banks, and Peter Jemit, local union No. 533, Midway.
- E. B. Dean, local union No. 405, Mulberry.
- Anton Simion, local union No. 127, Chicopee.
- John J. Hines, local union No. 735, Pittsburg.
- W. D. Robinson and H. Bradley, local union No. 219, Pittsburg.
- H. Burton, P. Braidwood, and Abe Walker, local union No. 679, Leavenworth.
- Evan Robinson, local union No. 1835, Frontenac.
- Frank Gilday, local union No. 544, Scranton.
- Wm. Keegan, local union No. 501, Chicopee.
- David Davison and James A. Orr, local union No. 85, Stippville.
- Bernard Bearbrodt and Eugene McGraw, local union No. 1661, Weir.

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Elmer Jones, local union No. 381, Bruce.
Henry Hecksher, local union No. 445, Nelson.
C. J. Mogan, P. J. Kane, D. O'Donnell, Archie Saurmonia, and H. G. White-leather, local union No. 444, Frontenac.
Henry Longston, local union No. 1088, Cherokee.
W. W. Fletcher, local union No. 1918, Litchfield.
George Knighton, local union No. 528, Weir.
Francis Fern and James Titus, local union No. 597, Scammon.
John Phillips, local union No. 498, Scammon.
David Murray, local union No. 1674, Weir.
John Gore, local union No. 1765, Stone City.
George Fulton, local union No. 1094, Stippville.
Henry L. Gibaud, Tilford Moore, and Thos. Herzog, local union No. 1009, Osage City.
Wm. Pepworth, labor exchange branch No. 223, Osage City.
E. Singleton, local union No. 594, Yale.

In the case of Hal Cowan and John Tanner, who are members of local union No. 210, and who sent in credentials from both local unions No. 210 and No. 1891, of Weir, we believe this to be a matter to be decided in open convention.

We have also decided that, in the absence of Archie Saurmonia, Frontenac, Jim S. Verandi is entitled to a seat as his alternate.

We also report that a protest has been received from Frontenac, upon which your committee has taken no action, but submit the same to the open convention.

Respectfully submitted.

DAN O'DONNELL,	WM. O'BRIEN,
F. GILDAY,	H. BURTON,
H. C. COWAN,	Committee.

On motion, the report of the Committee on Credentials was accepted as read.

Motion by Delegate Mogan that all locals not directly represented by members of said locals be excluded from a voice or vote in this convention. The motion was lost.

On motion, a committee from the Society of Labor and Industry was admitted. The committee, on behalf of the society, invited the State Association to attend their convention at three o'clock. Motion that the invitation be accepted. Carried.

Motion that we adjourn after the appointment of committees, and go in a body to the meeting of the Society of Labor and Industry. Carried.

Motion that Hal C. Cowan and John Tanner be allowed to represent local unions No. 210 and No. 1891. Motion that action on the former motion be suspended until a committee be appointed to wait on the attorney-general and get his construction on the law regarding the seating of those delegates. Carried.

On motion, the president appointed David Casselman and Edward Keegan.

Motion that the president appoint all committees. Carried,

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INSPECTOR OF COAL-MINES.

The president appointed the following committees:

On Order of Business: E. B. Dean, Wm. Megison, P. Braidwood S. L. Caraway.

On Resolutions: Francis Fern, W. D. Robinson, H. L. Gibaud, Abe Walker, George Fulton, David Davison.

Press Committee: Ed. Keegan, H. Bradley, E. Howerton.

Motion that we adjourn to nine o'clock A. M., Tuesday morning, and that we repair to the meeting of the State Society of Labor and Industry for the remainder of the afternoon. Motion carried.

TUESDAY MORNING, FEBRUARY 4, 1902.

Convention was called to order by Pres. Dewey Reese. The reports of committees being called for, the Committee on Order of Business made the following report:

First, call to order by president; second, roll-call of delegates; third, report of Committee on Credentials; fourth, reading of minutes of previous meeting; fifth, appointment of committees; sixth, general remarks for the good of the order; seventh, reports of officers and committees; eighth, unfinished business; ninth, new business; tenth, nomination and election of officers, as follows: (1) Secretary and *ex officio* mine inspector, (2) president, (3) vice-president; eleventh, miscellaneous business; twelfth, election of Legislative Committee; thirteenth, adjournment.

We further recommend that the election of officers take place Wednesday morning.

Committee to wait upon Attorney-general Godard reported that, in the absence of the attorney-general, Assistant Attorney-general Judge West had given his construction of the law in regard to a delegate representing more than one local union, that it was no violation of the strict letter of the law, although he believed it was not the intent of the law, and expressed it as his opinion that it would be a bad precedent to establish. As the law read, however, he believed that a delegate could not be prevented from representing more than one union, providing he had the proper credentials from such union as provided by law.

On motion, the report of the committee was accepted.

Motion by Delegate W. D. Robinson, that Hal. C. Cowan and John Tanner be permitted to represent local unions No. 210 and No. 1891. Carried.

Motion by Delegate Herzog, that the Committee on Resolutions be empowered to draw up an amendment to the present laws of the State Association of Miners which will prevent a delegate from representing more than one local union. Carried.

On motion, the convention adjourned to one o'clock P. M., to allow the Association of Miners to participate in the deliberations of the State Society of Labor and Industry.



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AFTERNOON SESSION.

Meeting reconvened, and was called to order by Pres. Dewey Reese.

Motion by Delegate Hecksher, that the chairman appoint a committee of two to go to the meeting of the Society of Labor and Industry and ascertain when the election of officers takes place. Carried. Delegates Herzog and Whiteleather were appointed.

Motion that the president appoint a vice-president *pro tem*. Carried. The president appointed E. Howerton.

The president then called for the report of the committee on resolutions, but it was not ready.

On motion, the sixth order of business, "general remarks for the good of the order," was taken up. Under this head, Delegates Orr and Davison called the secretary to account for appointing Francis Fern to the position of deputy mine inspector. Delegate Orr claimed that he had the majority of the votes of the organized miners of the county, and wished the secretary to explain why he did not get the appointment.

The secretary got up to explain, but the discussion was ruled out of order.

After a few remarks by Brother Banks for the "good of the order," the sergeant-at-arms announced a message from the convention of the Society of Labor and Industry, stating that the election of officers was now on.

Motion that we adjourn to attend the meeting of the Society of Labor and Industry. Carried, and the Association of Miners repaired in a body to the convention to take part in the election of a Legislative Committee. W. O. Van Pelt, of Pittsburg, was elected to represent the railroad men, and Ross Perkins, of Leavenworth, to represent the trades-unions. The secretary of the Society of Labor and Industry then announced that the convention had decided to elect any one to represent the miners on the Legislative Committee whom the miners should select. President Reese then called on all members of the State Association of Miners to withdraw and make their selection, which they did.

Delegate J. M. Young placed in nomination the name of Francis Fern, pointing out the work he had done as a member of the committee in the past, and stating that as the other two members had been reelected, it was only fair that the miners should reelect Mr. Fern. Delegate John Kane nominated W. D. Robinson. Motion that the nominations close carried. Francis Fern withdrew his name, stating that he had no wish to run unless the convention considered him worthy of it. He was finally prevailed upon to allow his name to stand. Then Mr. Robinson gracefully withdrew his name, stating

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that he had no intention of running against Mr. Fern, as he believed Mr. Fern entitled to reelection to the office. Mr. Fern was chosen by unanimous vote, and was afterwards elected by acclamation by the convention of the Society of Labor and Industry.

At four o'clock President Reese called the convention of the State Association of Miners to order again.

The Committee on Resolutions not being ready to report, "remarks for the good of the order" were in order, and a discussion followed on the feasibility of having a law enacted to have an inspector of weights and measures at mines, with a penalty attached that will compel the companies to keep the scales in good order. A number of the delegates made pertinent remarks along this line, and showed that the present law was totally inadequate to meet the requirements.

The escapement-shaft law was next discussed. Mr. Braidwood showed up the weakness of the present law in relation to Leavenworth county.

The question of the oil used in mines was also discussed. Mr. Braidwood said that most of the oil used in the mines of Leavenworth was of an inferior quality, and he did not know of any law to prevent the sale of inferior oils. Mr. O'Brien followed Mr. Braidwood, and stated that the same law, in regard to the quality of oil to be used in mines, existed in Ohio, as in Kansas, with the exception that the mine inspector in Ohio had the power to prosecute the merchant who sold an inferior quality of oil, and the state furnished the inspector with instruments with which to test the different grades of oil, and he suggested that we endeavor to have the same law enacted in this state.

Mr. Herzog next took the floor and gave an explanation of the condition of the mines in Osage county. In the course of his remarks he said he had known instances where the air to supply the oxygen to forty or fifty men had to pass through a hole not over a foot in diameter.

Mr. Cowan, speaking on the powder question, said he believed it would be better to have the powder issued in 12½-pound kegs. This raised a lively discussion as to the quality of the different powders manufactured.

The Resolutions Committee was admitted at this time, and announced that it was ready to report.

Motion by Delegate O'Donnell that we insist on having 12½-pound kegs of powder as soon as practicable. Carried.

Motion that "remarks for the good of the order" cease, and that we take up the regular routine.

On motion, the meeting adjourned till nine o'clock A. M., February 5.

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WEDNESDAY, FEBRUARY 5, 1902.

President Reese called the convention to order at nine o'clock A. M. The roll was called and all the delegates found to be present.

After the minutes of the previous meeting were read, the president called for the report of the Committee on Resolutions.

Motion by Delegate Robinson to suspend the regular order of business and proceed to the election of officers. A hot discussion ensued on this motion, but it was finally voted on and carried.

W. L. A. Johnson, labor commissioner, was admitted to the convention at this time, and permitted to address the convention. He made a clear explanation of the *errata* which had occurred in his report of 1900, and addressed the miners along other lines. When he concluded, a motion was made that a vote of confidence be given Mr. Johnson. Motion carried.

Motion that we nominate officers by informal ballot. Carried.

Nominations for state secretary of mine industries being in order, the following were placed in nomination by an informal ballot: David Casselman, Edward Keegan, John Kane, Peter Braidwood, James A. Orr, and Harry Bradley. The four last named requested that their names be withdrawn, as they declined the nomination.

The president ordered the secretary to call the roll, and, as each delegate's name was called, he was instructed to announce his vote for the candidate of his choice. When the total vote was counted, David Casselman had seventy-nine votes and Edward Keegan had sixty-three votes.

The president then declared David Casselman duly elected to the position of state secretary of mine industries, and *ex officio* state mine inspector.

On motion of Edward Keegan, the rules were suspended and the election of David Casselman was made unanimous.

Next in order was an informal ballot for president of the association. The following names were placed in nomination by informal ballot: David Reese, James A. Orr, H. Bradley, and W. L. Barker. All the candidates withdrew their names except James A. Orr, and, on motion, the rules were suspended, and James A. Orr was elected by acclamation.

For vice-president, Wm. Pepworth, Harry Bradley, and S. A. Bramlette were placed in nomination.

Motion that we suspend the rules and vote by ballot, allowing each delegate only one vote. Carried.

First vote taken gave Bramlette 17 votes, Bradley 14 votes, and Pepworth 18 votes. No one having received a majority, motion was made that the low man be dropped after the next ballot. Carried.

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Second ballot: Bramlette 18, Bradley 15, Pepworth 19.

Third ballot: Bramlette 27, Pepworth 27.

Fourth ballot: Bramlette 28, Pepworth 27. Bramlette, having a majority of all the votes cast, was declared duly elected.

Motion that the resolutions committee be called on to report.
Carried.

On motion, Delegate Robinson read the following resolution:

WHEREAS, We believe that the law as fixed, setting the date of convening this association, is impractical to our interests, from the fact that it is impossible for a delegate to attend both sessions convening at the same time, and causing much delay and embarrassment: therefore, be it

Resolved, That we ask the next legislature to annul the present law so as to set the date of our meeting to the Friday immediately preceding the first Monday in February. Concurred in, and on motion was referred to the legislative committee.

Resolution No. 2 was withdrawn and ordered not published.

Resolution No. 3, presented by local union No. 1088:

WHEREAS, We, the representatives of the various unions of the United Mine Workers of America, and of the state of Kansas, in convention assembled, believing as we do that the best interests of the union and the individual interests thereof would be best subserved by the adoption of the following resolution as expressive of the sense of this meeting, to wit:

Resolved, That the office term of the state mine inspector and his assistant be limited to two terms of one year each, after which he shall be disqualified from filling said office until at least one term shall have intervened between terms.

On motion, resolution No. 3 was not concurred in.

Resolution No. 4, by Delegate O'Donnell:

WHEREAS, The law as it at present stands empowers us (organized miners) to elect an officer who, when elected, gets a commission from the state executive, thereby empowering said officer to inquire into violations of certain state laws; and

WHEREAS, The parties suffering from a violation of those laws are the above officer's constituents, the main factors in securing the officer's position, and their requirements deserve active attention at his hands: therefore, be it

Resolved, That the mine inspector be required to furnish printed forms, with blank lines, to each and all constituent local unions, at stated periods not further apart than three months, wherein the attention of the mine inspector can be called semiofficially to violations of the law which immediately affect them.

On motion, resolution No. 4 was accepted by the convention.

Resolution No. 5:

Resolved, That we urge the Legislative Committee to work for an act of the legislature which will create a state inspector of weights and measures, with a sufficient number of assistants to enforce honest dealing in this line.

On motion, resolution No. 5 was adopted as read, and the secretary instructed to refer it to the Legislative Committee.

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Resolution No. 6 was adopted as read.

Resolution No. 7:

WHEREAS, The way the law now stands it is possible to send in fraudulent delegates: therefore, be it

Resolved, That the different local unions shall not be entitled to more votes than the number of members on which they are paying per capita tax.

Motion that resolution No. 7 be not concurred in was carried.

Resolution No. 8:

WHEREAS, In part of the state the provisions of the mining laws have not been enforced, and that such state of affairs is a danger to the life and health of the miners: therefore, be it

Resolved, By the State Association of Miners assembled, that we recommend a strict enforcement of our laws and their enactment.

Resolution No. 8 was adopted as read, and on motion it was referred to the Legislative Committee.

Motion that the state mine inspector be requested to appoint for deputy mine inspector the choice of the United Mine Workers, as show by indorsements through the local unions. After considerable discussion, a motion to table this motion was carried.

Under the head of "Miscellaneous Business," Delegate Kane requested that the document sent to this convention by some of the miners be sent back to the Frontenac local for it to take action thereon. This raised a discussion, some of the delegates maintaining that the document in question was the property of the convention, and should be read and acted upon by the convention. After some further rather heated debate, a motion prevailed that the document in question be sent back to Frontenac Local Union No. 444 without being read in this convention.

Motion that the money turned in by the Leavenworth local union to W. L. A. Johnson, to pay the expenses of the president and vice-president of the State Association of Miners, be returned to the Leavenworth locals. Amended that the money be retained, and we assess all other locals in the state at the rate of one cent per capita to pay the expenses of the president and vice-president.

Mr. Casselman made a statement that a mutual agreement had been entered into between himself and Edward Keegan that the retiring state mine inspector be allowed to retain his office till the end of the fiscal year, June 30, 1902, in order that he might have a chance to catch up with the work on his reports to that time, and in order to establish a precedent for the future, as the law seemed to be somewhat ambiguous as to when the term began or ended.

Delegate Herzog moved that a committee be appointed to consult with Attorney-general Godard and ascertain from him the proper construction of that part of the law, and that Messrs. Casselman and Kee-

gan be governed accordingly. Some discussion ensued and a motion to table carried.

Motion that the agreement entered into between Mr. Casselman and Mr. Keegan be allowed to stand. Carried.

On motion, the convention adjourned until the first Monday in February, 1903, unless sooner called in special session as provided for by law.

EDWARD KEEGAN, *Secretary.*

REPORT OF FIFTH ANNUAL MEETING OF STATE ASSOCIATION OF MINERS.

TOPEKA, February 2, 1903.

Fifth annual meeting of the State Miners' Association called to order by President Orr. By request of President Orr, the call for the said meeting was read.

Moved and seconded that the president appoint a Committee on Credentials. Carried. Committee: Francis McDonald, Allen Stevenson, Harry Marlin, Charley Hill, Louis Hines.

The convention then went into executive session, pending the report of the Committee on Credentials, to discuss the best interest of the miners of the state. After considerable discussion, the committee was ready to report, which is as follows:

We, your Committee on Credentials, report the following entitled to seats in the convention:

Local union No. 679, Leavenworth: Mike Bodenchatz, Henry H. Weigle, W. H. Burton, A. Porter, Joseph Mosbacher, John Schnrowitz.

Local union No. 444, Frontenac: John Timms, L. D. Lamb, Hugh Monahan, Jno. Bytsinger, John J. Hoey.

Local union No. 1002, Osage City: Wm. Riggs, Thomas Herzog, John T. Roberts.

Local union No. 597, Scammon: Francis Fern, John G. McLaughlin.

Local union No. 434, Pittsburg: D. W. Davison, Nim Herrell, Charlie Wilson, W. D. Robinson, Charlie Starina, Bert Tye.

Local union No. 533, Midway: James Blanchard, Thomas Brown.

Local union No. 501, Chicopee: Wm. Rollins, Allen Stevenson.

Local union No. 127, Chicopee: John Galiari.

Local union No. 219, Pittsburg: Oris Cordry, W. W. Jenkins.

Local union No. 569, Mineral: C. E. Bramlett, S. H. Bramlett.

Local union No. 210, Weir: John Tanner, Amos Greenwood.

Local union No. 1822: ———.

Local union No. 1580 (railroad No. 2), Pittsburg: Harry Marling.

Local union No. 1074, Burlingame: Jas. Wray.

Local union No. 1890, Yale: Henry Fletcher.

Local union No. 1859, Leavenworth: H. M. Curry, Louis Hine, Antone Azidons.

Local union No. 544, Scranton: Frank Gilday, Clarence Hill, Fred Wilson.