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STATE OF COLORADO



COMBINED  
ANNUAL REPORTS  
1950 - 1951 - 1952 - 1953

DEPARTMENT OF NATURAL RESOURCES  
COAL MINE INSPECTION DIVISION



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STATE OF COLORADO



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LETTER OF TRANSMITTAL

November 15, 1961

Honorable Steve McNichols  
Governor of Colorado

Sir:

At this time I submit to you the combined Annual Reports of this department in printed form, for the years 1950, 1951, 1952 and 1953, which were annually issued by April 1 as required by law. The mimeographed reports were in the interest of economy.

These permanent records will only be placed in reference libraries and the State Archives, unless requested.

Respectfully,

THOMAS ALLEN  
Chief Inspector of Coal Mines

TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTORY REVIEW .....	1 - 4
SUMMARY OF FIELD WORK BY INSPECTORS .....	3
FINANCIAL STATEMENTS - 1950-1953 .....	3
HONOR ROLLS .....	4
PERSONNEL OF DEPARTMENT .....	5
GENERAL SUMMARY OF STATISTICS: 1950 - 1951 .....	6 - 7
1952 - 1953 .....	8 - 9
DIRECTORY OF OPERATORS: Mines; Address; Super- intendent; Railroad; Openings; and Seams .....	10 - 29
PRODUCTION BY COUNTY, BY MINE: Name of Operator; Men employed; Days worked; and Accidents 1950-1951	30 - 45
1952-1953	46 - 59
SHIPMENT & DISPOSAL: SIZES & GRADES, BY COUNTY (4 Years) .....	60 - 67
MECHANICAL LOADING - MACHINERY & TONNAGES, BY COUNTY - 1953 .....	68 - 69
FATALITIES: Names; Dates; Causes - 1950-1953 .....	70 - 71
ACCIDENT STATISTICS .....	72
COAL PRODUCTION - 1873-1953 .....	73

## INTRODUCTORY REVIEW

The issuance of this combined report for the four-year period of 1950 through 1953, completes the printed editions to replace the temporary mimeographed annuals issued by April 1st of each year from 1941 to 1954. These reports have been prepared as time and labor were available, and are only distributed to permanent research libraries, and as requested.

Production continued to annually decrease through this period since 1943, in Colorado as throughout the country. The fatal and non-fatal accident statistics showed a steady decrease over the previous years, and in 1951 the frequency rate per million tons and per million man-hours, was the lowest in the history of this State.

The State Coal Mining Laws were revised by the State Legislature, effective March 31, 1951, which adopted the safety recommendations and directives formerly issued by Thomas Allen, Chief Inspector. The minimum number of inspections was increased by 3 to 4 per mine per year. Mines employing 3 or less men underground were required to employ one man with at least the status of Shot Firer. Coal taxes were increased from 4 to 7 mills per ton of coal mined, which was the first increase since 1925. The passage of these laws was largely due to the efforts of the United Mine Workers of America, the coal operators and coal operators' associations.

The Synthetic Fuels Committee of the State Legislature requested Thomas Allen, Chief Coal Mine Inspector, to prepare reports of the coal resources in Colorado in 1950. This information was presented to Congress in an appeal to select Colorado as a site for synthetic fuel plants producing gasoline, oils and other by-products from coal.

Mr. Allen has continually prepared additional reports of coal reserves in this State, which are in constant use by industrial groups planning future developments in Colorado. Continuous expansion of growth depends on the availability of solid, liquid and gaseous fuels to supply the necessary amount of power, heat and light for progress.

NEW MINES. The Clayton Coal Company opened the Lincoln Mine in Weld County, in 1950, entirely mechanized with complete belt conveyor through an 1800-foot slope to the tippel.

In 1951 the C. F. & I. Corporation started to produce coal in the new Allen Mine in Las Animas County, which is one of the most modern mines in the country. The coking coal will be used at their steel mills in Pueblo.

The Thompson Creek Coal & Coke Corporation first started to produce coking coal in Pitkin County in 1951, shipping the entire tonnage to the Columbia-Geneva Steel mills in Utah.

MINES CLOSED. The last of the larger underground mines in Montrose County, the Fiddling Bill and the Liberty Bell, ceased operations in 1950.

The Leyden-Lignite Company sealed the last of the Leyden Mines in 1950 after 48 years of continuous operation. The #3 Mine had the deepest shaft in the State. The total production from these mines in Jefferson County, was 5,904,683 tons, much of which was used by the Denver Tramway and Interurban Company.

In 1951 the Hayden #4 in Routt County, the Pluto #2 in Boulder County and the Streeter in Moffat County were abandoned.

In 1952 the C. F. & I. Corporation closed the Rockvale #3 (Nonac) in Fremont County, and the Crested Butte in Gunnison County which mined 10,396,323 tons of coal since 1884 - 68 years.

The Victor-American Fuel Company closed the Delagua Mines in Las Animas County in 1952, which produced 15,857,116 tons of coal in the 50 years of operation.

In 1952 the Huerfano Coal Company in Las Animas County abandoned the Ludlow Mine after 50 years of production.

The Butte Valley Coal Company in Huerfano County closed their old Barbour-Alamo #2 Mine. The C. F. & I. Corporation closed their last two mines in Huerfano County in 1953, the Pictou and the Kebler #2.

The Bear Canon Coal Company closed the last one of their Bear Canon Mines in 1953.

The method of controlling the roof by means of bolts was introduced in the coal mines during this period, several of which supplemented the installation with systematic timbering. Such

installations were under the supervision of the U.S. Bureau of Mines.

MINE FIRES

- 1950 - Red Wing Mine in Moffat County; and South Canon in Garfield - three occurrences.
- 1951 - White River in Rio Blanco; South Canon and North Canon Mines in Garfield County.
- 1952 - Pluto #2 in Boulder County; States in Delta; Sunnyridge in Garfield County (explosion and fire); Pocahontas in Garfield; and the White River in Rio Blanco County.
- 1953 - Streeter Mine in Moffat County and the Graden Mine in Weld County.

Examinations for Coal Mine Officials were held in 1951 and 1953. There were 100 candidates in 1951 and 66 in 1953. Members of the Board of Examiners for each year are listed on page 5.

SUMMARY OF FIELD WORK

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Number of inspections	618	755	675	595
Investigations of fatal accidents	16	5	8	3
Complaints investigated	39	37	38	43
Shot Firer examinations given	69	87	66	76

FINANCIAL REPORT

RECEIPTS

	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>
Cash Bal. Jan. 1	\$ 1,733.71	\$ 2,748.53	\$ 2,225.07	\$ 2,740.35
Taxes, Licenses, Sale of Laws	37,435.83	44,255.96	46,848.07	46,764.47
Totals	<u>\$39,169.54</u>	<u>\$47,004.49</u>	<u>\$49,073.14</u>	<u>\$49,504.82</u>

EXPENDITURES

Salaries-Field & Office	\$28,636.20	\$31,070.77	\$33,605.05	\$33,684.43
Maintenance & Operation	7,784.81	13,708.65	12,727.74	11,715.12
Totals	<u>\$36,421.01</u>	<u>\$44,779.42</u>	<u>\$46,332.79</u>	<u>\$45,399.55</u>
Cash Bal. Dec. 31	\$ 2,748.53	\$ 2,225.07	\$ 2,740.35	\$ 4,105.27

SAFETY HONOR ROLLS - 50,000 Or More Man-Hours Per Injury

<u>MINE</u>	<u>OPERATOR</u>	<u>COUNTY</u>	<u>MAN-HOURS</u>
		<u>1950</u>	
Imperial	Imperial Coal Co.	Weld	70,727
Rockvale #3	C. F. & I. Corp.	Fremont	70,478
Bear Canon #6	Bear Canon Coal Co.	Las Animas	67,177
Eagle	Imperial Coal Co.	Weld	63,443
Edna Strip	Edna Coal Company	Routt	63,005
Morning Glory	Minnequa Fuel	Huerfano	62,142
Lincoln	Clayton Coal Co.	Weld	62,128
Hi-Way	Louisville-Lafayette	Boulder	61,716
Frederick	C. F. & I. Corp.	Las Animas	55,766
Centennial	Centennial Coal	Boulder	52,907
		<u>1951</u>	
Crested Butte	C. F. & I. Corp.	Gunnison	138,621
Frederick	C. F. & I. Corp.	Las Animas	127,718
Oliver #2	Kaiser-Utah Fuel	Gunnison	94,565
Rockvale #3	C. F. & I. Corp.	Fremont	60,372
Pikeview	Pikes Peak Fuel	El Paso	57,311
Edna Strip	Edna Coal	Routt	57,234
Somerset	Kaiser-Utah Fuel	Gunnison	56,143
King	Juanita Coal & Coke	Delta	54,862
		<u>1952</u>	
Pictou	C. F. & I. Corp.	Huerfano	98,694
Harris	Colorado & Utah Coal	Routt	78,312
Crested Butte	C. F. & I. Corp.	Gunnison	72,049
Bear Canon #6	Bear Canon Coal	Las Animas	67,282
Bear	Bear Coal	Gunnison	64,133
Frederick	C. F. & I. Corp.	Las Animas	60,042
Kebler #2	C. F. & I. Corp.	Huerfano	59,832
Gordon	Gordon Coal	Huerfano	56,927
Morrison	Clayton Coal	Weld	54,201
Bo. Valley #3	Boulder Valley Coal	Weld	51,177
		<u>1953</u>	
Frederick	C. F. & I. Corp.	Las Animas	131,376
Washington	Clayton Coal Co.	Weld	119,549
Somerset	Minerals Develop. Corp.	Gunnison	88,037
Morley	C. F. & I. Corp.	Las Animas	87,875
Oliver #2	Minerals Develop. Corp.	Gunnison	76,231
Eagle	Imperial Coal Co.	Weld	68,928
Edna Strip	Edna Coal Co.	Routt	63,218
Cameo	Kerr Coal Co.	Mesa	57,404
Bear	Bear Coal Co.	Gunnison	56,295

PERSONNEL OF DEPARTMENT

CHIEF INSPECTOR - Thomas Allen, Denver

DEPUTY INSPECTORS -

Finlay McCallum, District #1, Denver  
J. J. Roddy, District #4, Grand Junction  
George H. Smith, District #3, Canon City  
Myron D. Williams, District #2, Trinidad  
(Resigned - 1953)

GENERAL - OFFICE

Veda Burford - Administrative Assistant, Denver  
Evelyn Miller - Principal Clerk-Bookkeeper, Denver  
Rose Maxine Canaday - Stenographer (1953), Erie  
(Classified titles by State Civil Service Commission)

BOARD OF EXAMINERS FOR COAL MINE OFFICIALS -

Appointed in 1948  
Fred W. Whiteside, E. M., Secretary, Denver  
Abel Audin, Somerset, District #7  
William DeNovellis, Louisville, District #8  
James Garcia, Trinidad, District #3

BOARD OF EXAMINERS FOR COAL MINE OFFICIALS -

Appointed in 1952  
Fred W. Whiteside, E. M., Secretary, Denver  
Henry A. Coll, Glenwood Springs, District #9  
Tony Guadagnoli, Colorado Springs, District #4  
Otto Serroni, Durango, District #6

- oOo -

GENERAL SUMMARY - COLORADO COAL STATISTICS FOR 1950 & 1951

<u>MINES REPORTING PRODUCTION</u>	1950	1951			
<u>PRODUCTION</u>	232	223			
	4,274,887	4,111,945			
	Slack	Miscellaneous			
1950 -	700,190	633,791	232,755	119,140	159,175
1951 -	726,433	477,090	193,836	144,541	173,576
<u>GRADES (According to Government Analysis)</u>					
	Bituminous	Sub-bituminous			
1950 -	3,151,154	1,123,113			
1951 -	2,995,466	1,115,956			
<u>DISTRIBUTION OF COAL</u>					
	Shipped by Railroad	Anthracite			
	Shipped by Truck	620	1951		
	Power & Heat at the mines	523	3,105,826	3,003,881	
	Shipped out of the State		1,088,757	1,024,041	
			80,304	84,023	
			502,137	367,522	
			4,476	3,931	
<u>MEN EMPLOYED IN &amp; AROUND MINES (Average Number)</u>	159	156			
<u>DAYS WORKED, Average Number Per Mine</u>	6	6.7			
<u>DAILY PRODUCTION PER MINER, IN TONS</u>					
<u>TONNAGE BY MINING METHODS</u>					
	Mined - Electric undercutting machines	2,790,173	2,753,430		
	Solid pick	889,801	819,053		
	Compressed air machines	12,229	100		
	Loaded - Mechanically - Very little or no hand labor	1,524,189	1,445,524		
	Hand-loaded onto mechanical loaders	851,547	1,291,504		
	Hand-loaded into pit cars	1,316,467	800,208		
<u>CUT &amp; LOADED BY CONTINUOUS MINING MACHINES</u>	181,775	205,495			
<u>STRIPPED - OPEN PIT</u>	(9)	400,909 (7)	363,867		
<u>HAULAGE MACHINERY &amp; EQUIPMENT</u>					
	Electric Trolley Locomotives	145	141		
	Electric Battery Locomotives	88	89		
	Electric Hoists	196	175		
	Compressed Air Hoists	2	4		

Shuttle cars	61	54
Animals (Horses & Mules)	323	347
<u>UNDERGROUND MINING MACHINERY</u>		
Mechanical Loaders		
Electric Cutting Machines	396	414
Continuous Mining Machines	472	484
Compressed Air: Cutting Machines - Drills	4	4
Electric Drills	5-29	3-57
	464	457
	2-15	4-17
Power Shovels - Portable Conveyors		

<u>STRIP MACHINERY:</u> Bulldozers - 12; Power shovels - 7; Carryalls - 6		
Drag lines - 7; Special drills - 12; Jack hammers - 8; Tractors - 6		
Trucks - 31; Loaders - 5; Scarifiers - 4; Caterpillars - 8		
Compressors - 5; Crushing plant - 1		

<u>LIGHTING</u>		
Flame safety lamps	757	743
Electric cap lamps	6,333	6,300
Carbide lamps	275	108
Pounds of carbide used - approximately	15,990	5,413
<u>EXPLOSIVES USED</u> - Total number of pounds	2,270,360	2,177,329
Permissible	800,026	745,100
Black Powder	39,835	6,257
Dynamite	185,579	178,632
Cardox	1,244,920	1,247,340

<u>GENERAL INFORMATION</u>		
Surface hoists: Gas - 42; Steam - 13; Electric - 82	.....	137
Tipples: Gravity - 99; Mechanical - 110 (Gas - 10; Steam - 4; Electric - 96)	.....	209
Ventilation fans: Exhaust - 90; Force - 48	.....	138
Rock dusting machines - 57 Underground sub-stations - 53	Telephones - 283	
Steam plants - 56	Air compressors - 57 (Underground - 27; Surface - 30)	
Coal washing plants - 7	Bath houses - 48	Showers - 501
Box car loaders - 76	Pumps - 392	(384 electric)
Self rescuers - 250	Oxygen breathing apparatus (McCaa & Chemox) - 48	
Shafts - 13	Rock slopes - 46	Rock tunnels - 29
Tons of coal chemically treated - 265,602	Tons of washed coal - 30,540	

ACCIDENT STATISTICS - See Pages 70-72

GENERAL SUMMARY - COLORADO STATISTICS FOR 1952 & 1953

	<u>1952</u>		<u>1953</u>	
	187	171	3,643,523	3,598,867
<u>MINES REPORTING PRODUCTION</u>				
<u>PRODUCTION</u>				
<u>Mine Run</u>				
1952 -	377,919	453,815		
1953 -	301,013	332,731		
<u>GRADES AS REPORTED</u>				
<u>Bituminous</u>	2,721,013			
<u>Sub-bituminous</u>	922,046			
<u>Anthracite</u>	464			
<u>Miscellaneous</u>	192,072			
<u>Slack</u>	2,003,152			
<u>Pea</u>	163,232			
<u>Nut</u>	214,384			
<u>Egg</u>	238,949			
<u>Slack</u>	2,343,426			
<u>Sub-bituminous</u>	922,046			
<u>Anthracite</u>	463			

DISTRIBUTION OF COAL

Shipped by Railroad	2,661,240	2,676,143
Shipped by Truck	923,139	872,267
Power & Heat at the mines	59,144	50,457
Shipped out of the State	286,526	321,771
<u>MEN EMPLOYED IN &amp; AROUND MINE (Average Number)</u>	3,619	3,337
<u>DAYS WORKED, Average Number Per Mine</u>	150	150
<u>DAILY PRODUCTION PER MINER, In Tons</u>	6.7	7
<u>TONNAGE BY MINING METHODS</u>		
Mined - Electric undercutting machines		
Solid pick	2,507,671	2,408,745
Compressed air machines	636,575	703,527
Mechanically - Very little or no hand labor	7,388	2,941
Hand-loaded onto mechanical loaders	1,686,680	1,826,545
Hand-loaded into pit cars	810,331	507,766
<u>CUT &amp; LOADED BY CONTINUOUS MACHINES</u>	654,623	780,902
<u>STRIPPED - Open Pit</u>	107,723	117,223
<u>HAULAGE MACHINERY &amp; EQUIPMENT</u>	384,166 (8)	366,431
Electric trolley locomotives	138	109
Electric battery locomotives	81	78
Electric hoists	165	141
Compressed air hoists	2	1
Shuttle cars	57	63
Animals - Horses and Mules	334	338

UNDERGROUND MINING MACHINERY - See Pages 68 & 69

Mechanical Loaders	386	342
Electric Cutting Machines	453	420
Continuous Miners	5	5
Compressed air: Cutting machines - Drills	67	1-101
Electric drills	439	421
Power shovels	3	2
Portable Conveyors	13	12

LIGHTING

Flame Safety Lamps	716	633
Electric Cap Lamps	6,546	5,742

STRIP MACHINERY: Bulldozers -12; Power shovels - 5; Carryalls - 3; Drag Lines - 3;

Special drills - 9; Jack Hammers - 4; Tractors - 7; Trucks - 28; Loaders - 4;  
Scarifiers - 3; Caterpillars - 4; Compressors - 4

	1952	1953
<u>EXPLOSIVES USED - Total number of pounds</u>	<u>2,226,944</u>	<u>1,960,805</u>
Permissible	703,529	710,490
Black or Pellet	2,300	1,250
Dynamite	277,765	288,850
Cardox	1,241,350	960,215
Miscellaneous -	(Chemichol)	2,000 (Airdox) - 1 Mine

GENERAL INFORMATION (1952)

Surface hoists: Gas - 36; Steam - 13; Electric - 69 ..... 118  
Tipples: Gravity - 81; Mechanical - 96 ..... 176  
Ventilation fans: Exhaust - 91; Force - 39; ..... 130  
Rock dusting machines - 45; Underground Sub-stations - 49; Telephones - 280;  
Steam plants - 37; Air compressors - 43; (underground - 27; surface - 16)  
Coal washing plants - 7; Bath houses - 38; Showers - 450;  
Box car loaders - 70; Pumps - 368; (350 electric; 18 compressed air)  
Self rescuers - 250; Oxygen breathing apparatus - (McCaa & Chemox) - 48  
Shafts - 13; Rock slopes - 34; Rock tunnels - 21; Drifts - 107;  
Tons of coal chemically treated - 124,771; Tons of washed coal - 4,295

ACCIDENT STATISTICS - See Pages 70 - 72

DIRECTORY - FOUR-YEAR PERIOD

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Abeyta, Alex	Trinidad	Frisco #2	Same	Las A.
Adair, Ivor	Cortez	Mesa	"	Montez.
Allan, E. & S.	Boulder	Crackerjack#2	"	Boulder
Andreatta, R. A.	Glenwood Spgs.	Pocahontas	"	Garfield
Annex Coal	Florence	Annex	"	Fremont
Arrowhead Coal	Monarch, Wyo.	Moffat #3	Oak Creek	Routt
Aztec Fuel	Walsenburg	Caddell #2	Same	Huerfano
Baldy Coal	Trinidad	Baldy	"	Las A.
Barnell, George M.	Walden	Marr	"	Jackson
Bear Canon Coal	Trinidad	Bear Canon#6	Vallorso	Las A.
Bear Coal	Somerset	Bear	Same	Gunnison
Beavers, Virgil L.	Florence	Beaver Strip	"	Fremont
Beer Coal	"	Beer Strip	"	"
Bellino, Frank	Pagosa Springs	Bellino	"	Archuleta
Bendetti, Henry	Glenwood Spgs.	Atlas	"	Garfield
Berwind Canon Coal	Trinidad	Berwind Can.	Same	Las A.
Bisulco, Alex	Aguilar	Bisulco	"	" "
Bisulco, Alex	"	NewPrimrose	"	" "
Black Beauty Coal	Walsenburg	Black Beauty	"	Huerfano
Black Beauty Coal	Hayden	Rice	"	Routt
Black Diamond Fuel	Lafayette	Blk. Diam. #2	Same	Boulder
Black Knight Coal	Florence	Black Knight	"	Fremont
Black Knight Coal	"	Black Knight#2	"	"
Block Coal	Steamboat Spgs.	Block #2	"	Routt
Blue Blaze Coal	Walsenburg	Bert's	"	Huerfano
Boaglio, Nemo	Trinidad	Peak View	Same	Las A.
Boncarbo Coal	"	Boncarbo	Boncarbo	" "
Boscia Coal	Oak Creek	Apex	Same	Routt
Boulder Valley Coal	Denver	Baum	Dacono	Weld
Boulder Valley Coal	"	Bo. Valley#3	"	"

RAILROADS      OPENINGS      SEAMS

Superintendent	R. R.	OPENINGS				SEAM			
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % - 0	
		Depth	Slope	Tunnel					Length
Alex Abeyta						2	6	4%	
Ivor Adair						3	6		
E. R. Allan					Yes	7	6		
R. A. Andreatta			800			8		42°	
Nickie Rocchio					Yes	5	6	7%	
Dan Milosevich	D&RG		1,800			4-7		12%	
Allen Reis						4	10	5%	
E. W. Meggison			200			5	3	3%	
George M. Barnell						50		45%	
Charles Beauchat	C&S				Yes	6		2%	
Tony Bear	D&RG			300		8		4%	
Virgil L. Beavers		S	T	R	I	P	4	3	
Lloyd J. Beer		S	T	R	I	P	3	4	7%
Frank Bellino					Yes	3	4	2°	
Henry Bendetti					Yes	5		45-50	
J. P. Mcilwee					Yes	4	2	8°	
Alex Bisulco					Yes	4		5%	
Alex Bisulco					Yes	3		6%	
Steve Tellari					Yes	3	3	4%	
C. A. Bowerman					Yes	10		17%	
Charles Liley		268			Yes	6			
C. Alvidrez					Yes	3			
C. Alvidrez					Yes	3			
Frank Gould					Yes	7			
Albert Amiday					Yes	3	6	5%	
Nemo Boaglio						3	8	2°	
Ralph Nunez	D&RG				Yes	5	3		
Angelo Boscia					Yes	4	6	6%	
Thomas Harris	UP	205				7			
Thomas Harris	UP	240				7			

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Bowman, Guillermo	Trinidad	Crystal	Same	Las A.
Boyd & Christie	La Veta	Oak Creek	"	Huerfano
Brodhead Coal	Trinidad	Brodhead #1	Aguilar	Las A.
Brodhead Coal	"	Brodhead #2	"	" "
Brodhead Coal	"	Brodhead #8	"	" "
Brook Canon Coal	Canon City	Brook Canon	Same	Fremont
Brooks, Ira T.	Cedaredge	Green Val. #2	"	Delta
C. F. & I. Corp.	Pueblo	Allen	Weston	Las A.
C. F. & I. Corp.	"	Crested Butte	Cr. Butte	Gunnison
C. F. & I. Corp.	"	Frederick	Valdez	Las A.
C. F. & I. Corp.	Pueblo	Kebler #2	Tioga	Huerfano
C. F. & I. Corp.	"	Morley	Morley	Las A.
C. F. & I. Corp.	"	Pictou	Walsenburg	Huerfano
C. F. & I. Corp.	"	Rockvale #3	Canon City	Fremont
Caldirola Mining	Canon City	Caldirola #2	Same	"
Cameron, Harri	Clifton	Farmers Mutual	Same	Mesa
Canon. Blk. Dia. Coal	Florence	Can. Blk. Diam.	"	Fremont
Canon Chief Coal	"	Canon Chief	"	"
Canon Horseshoe Coal	"	Can. Horseshoe	"	"
Canon Monarch Coal	"	Pine Gulch #1	"	"
Canon Monarch Coal	Florence	Pine Gulch #3	Same	Fremont
Canon National Coal	"	Canon National	"	"
Canon Royal	Canon City	Canon Royal	"	"
Canon Shamrock Coal	" "	Canon Shamrock	"	"
Canon Zenith Coal	Florence	Can. Zenith #2	"	"
Capitol Fuel	Arvada	Capitol	Same	Jefferson
Carbon Fuel	Trinidad	Anchor #2	"	Las A.
Cason, Vernon	Durango	Blue Flame	"	La Plata
Castle Coal	"	Castle	"	" "
Centennial Coal	Louisville	Centennial	"	Boulder

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % <sup>o</sup>
		Depth	Slope	Tunnel				
Guillermo Bowman					Yes	3	6	5
Norman J. Boyd						4	6	16
Sam Vasquez						4		8%
Sam Vasquez						3	6	7%
Sam Vasquez						4		4%
N. J. Moschetti					Yes	2	8	11%
Ira T. Brooks			150			5	6	5%
H. D. Pinkney	C&W		1,578(E)	(W)	Yes	5		2-30%
F. C. Bennett	D&RG				Yes	4-8		0-13 <sup>o</sup>
L. W. Ingles	C&W				Yes	3	6	
A. E. Pagnotta	D&RG					4	6	5-78%
F. C. Bennett	ATSF					5		2%
A. E. Pagnotta	D&RG					4	6	3-8%
Clifford Dawe	ATSF		180			3-6		12½%
Louis Dussart			480			4	6	3%
Harri Cameron					Yes	2	6	
Frank Yellico						6	7	6%
D. Moschetti						6		
G. Morganstein						3		
Lloyd J. Beer					Yes	4	6	20 <sup>o</sup>
Lloyd J. Beer					Yes	4	6	7 <sup>o</sup>
Ray Jermance						5		12%
J. A. Cresta						2	6	6%
T. DiGiacomo					Yes	6	6	
N. J. Moschetti					Yes	3	6	7%
John G. Neish		630				9		45 <sup>o</sup>
Joe M. Garcia					Yes	5		6 <sup>o</sup>
Vernon Cason					Yes	6	3	2%
Tony Bettini					Yes	5	10	5%
John Stevens	CB&Q	285				4		6%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Cerame, Frank	Aguilar	Primrose #12	Same	Las A.
Champion Coal Mng.	Somerset	Hawk's Nest	"	Gunnison
Chandler Coal	Canon City	Chandler #2	"	Fremont
Chandler Crk. C. Mng.	Florence	Chandler Crk.	"	"
Cimino, Nick	Trinidad	Starkville #3	"	Las A.
Cimino, Nick	Trinidad	Starkville #7	Same	Las A.
Clark Coal	Somerset	Edwards	"	Gunnison
Clarke Coal	Palisade	Winger	"	Mesa
Clayton Coal	Denver	Lincoln	Erie	Weld
Clayton Coal	"	Morrison	"	"
Clayton Coal	Denver	Washington	Erie	Weld
Coal Creek Mng.	Florence	Coal Crk. Can.	Same	Fremont
Coles, W. E.	New Castle	New Castle	"	Garfield
Colorado Coal	Cedaredge	Colo. Strip	"	Delta
Colo. & Utah Coal	Denver	Harris	Mt. Harris	Routt
Colowyo Coal	Denver	Red Wing	Axial	Moffat
Commander, The	"	Comm. Strip	Hayden	Routt
Conda Coal	Steamboat Spgs.	Dixie	Same	"
Conda Wesley	Boulder	New Gorham	Superior	Boulder
Coon, Florello	Pagosa Springs	Martinez	Same	Archuleta
Corley Co., The	Colorado Spgs.	Corley # 6	Florence	Fremont
Crane, Leroy R.	Bayfield	Columbine	Same	Archuleta
D & N Coal	Craig	Wise Hill #2	"	Moffat
Delcarbon Coal	Walsenburg	Calumet #2	"	Huerfano
Diamond Fuel	Glenwood Spgs.	Diamond	"	Garfield
Domestic Coal	Denver	Streeter	Axial	Moffat
Double Dick	Florence	Double Dick	Same	Fremont
Dry Creek Coal	Hayden	Crow Bar	"	Routt
Dunn Coal	Steamboat Spgs.	Keystone	Oak Creek	"
Dunn Coal	"	7-Point Strip	"	"

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch
		Depth	Slope	Tunnel				
Frank Cerame						3		
Ralph Audin	D&RG		300			8		2 <sup>0</sup>
Charles Silengo						4	6	4%
William McShane						3	10	5%
Nick Cimino					Yes	3	6	
Nick Cimino					Yes	4		
Ira Cordray	D&RG				Yes	7		
R. M. Clarke					Yes	4	6	5%
W. B. Ferguson	UP		1,800			10		
Lowie Otava	UP					8		
John Stevens	UP		430			10		
Budgie Fazzino					Yes	5		4%
W. E. Davis						42		47 <sup>0</sup>
A. V. Madonna		S T R I P				10		4%
Louis LaSalle	D&RG		200	300		9	3	18%
Ernest Todd			125			18		2%
Louis Ciani		S T R I P				13		4 <sup>0</sup>
Leonard Conda					Yes	6		4%
N. G. Conda				200		5		27%
Florella Coon						2	8	
Paul Brenton	ATSF		500			4		8%
Leroy R. Crane					Yes	12		50 <sup>0</sup>
J. E. Nielson					Yes	10		16
George Sudar	D&RG		200			5	6	
Dai Davies					Yes	7	6	50 <sup>0</sup>
C. M. Hutton					Yes	9		3
Joe Rohar					Yes	5	10	
John McPherson			300			8		12 <sup>0</sup>
Charles Reese	D&RG					7		8 <sup>0</sup>
Arthur Rudford	D&RG	S T R I P				12		2%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Durkan, James T.	Hesperus	Durkan	Same	La Plata
Eaglehead Coal	Grand Junction	McGinley	Fruita	Mesa
Eaton & Ward	Rifle	Zieseniss	Same	Garfield
Edna Coal	Denver	Edna Strip	Oak Creek	Routt
Ellis Coal	Somerset	Black Beauty	Same	Gunnison
Erie Coal	Denver	Erie Strip	Erie	Weld
Fabec, Robert	Trinidad	Aguil. Imperial	Same	Las A.
Fabec, Robert	"	Sunrise	"	" "
Fairview Mines, Inc.	Delta	Fairview	"	Delta
Falgien Coal	Coal Creek	Falgien #1	"	Fremont
Flasche & Buniger	Loma	Stove Canon	Same	Garfield
Ford, Denver	Grand Junction	Corcoran	"	Mesa
Franceville Coal	Colo. Springs	Franceville	"	El Paso
Franceville Coal	" "	" Strip	"	" "
Franklin, Leo	Trinidad	Anchor #1	"	Las A.
Franklin, Leo	Trinidad	Burro Canyon#3	Same	Las A.
Garcia, Louis	Boncarbo	Viola	"	" "
Garcia, Simon B.	Pagosa Springs	Garcia	"	Archuleta
Garcia, Simon B.	" "	Garcia Strip	"	"
Gentry, William W.	Meeker	Gentry #2	"	Rio Blanco
George, Glenn	La Veta	George	Same	Huerfano
Gilbert, Julio	Trinidad	Gilbert #2	"	Las A.
Giuliano & Sons	Florence	Cedar Canon	"	Fremont
Golden Quality Coal	"	Golden Qual. #2	"	"
Golden Quality Coal	"	" " #3	"	"
Gonzales, Sam	Trinidad	Starkville #5	Same	Las A.
Gonzales, Sam	"	" #6	"	" "
Gordon Coal	Walsenburg	Butte Valley	"	Huerfano
Gould, Irene	Steamboat Spgs.	Block	"	Routt
Graden Coal	Denver	Graden	Dacono	Weld

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % <sup>o</sup>
		Depth	Slope	Tunnel				
James T. Durkan					Yes	6		1 <sup>o</sup>
W. C. Lutz					Yes	6		
Bert E. Eaton				360		6	8	
A. R. Ross	D&RG	S T R I P				5	6	6 <sup>o</sup>
Ellis Axelson					Yes	10		4%
M. R. Williams	UP	S T R I P				6		2 <sup>o</sup>
Robert Fabec					Yes	5	7	5%
Robert Fabec						5	2	10%
Frank Youngman					Yes	6	6	
Albert Falgien						3	6	7%
Norman Flasche					Yes	5		8 <sup>o</sup>
Denver Ford					Yes	4	6	17%
Lee Gordley			1,800			6		
Lee Gordley		S T R I P				8		
Leo Franklin						5		
Leo Franklin					Yes	5	6	
Louis Garcia					Yes	4	6	
Simon B. Garcia					Yes	7		20%
Simon B. Garcia		S T R I P				7		22 <sup>o</sup>
William W. Gentry					Yes	27		20%
Glenn George						8		70 <sup>o</sup>
Julio Gilbert					Yes	6		6
Mike Giuliano					Yes	6		2%
D. C. Carestia					Yes	3	6	8%
D. C. Carestia						4		8%
Sam Gonzales					Yes	5	6	8
Sam Gonzales					Yes	5	6	
Alfred Newman			3,000			9		27-34%
Frank Gould					Yes	5		6
Andrew Wilson	UP	325				6	8	

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Green Canon Coal	Aguilar	Jewel-Crestone	Same	Las A.
Guadagnoli Brothers	Trinidad	Engleville	"	" "
Guadagnoli Brothers	"	New Slope	"	" "
Guiliano Coal	Aguilar	Gem	"	" "
Haas Coal	Rifle	I H I #2	"	Garfield
Haas Coal	Rifle	I H I #3	Same	Garfield
Halcumb, Claude O.	Fruita	Hunter	"	Mesa
Hall Brothers	Trinidad	Hall-Primrose	"	Las A.
Hallett, Harold E.	Hesperus	Monarch	"	La Plata
Hare, James, Jr.	Gunnison	Baldwin Star	"	Gunnison
Hare & Hirdman	Gunnison	H & H	Same	Gunnison
Hayden Coal	Denver	Hayden #4	Haybro	Routt
Hay Gulch Coal	Hesperus	Hay Gulch #2	Same	La Plata
Henderson, J. B.	"	Coal King #2	"	" "
Hesperus Coal	"	Hesperus #2	"	" "
Hicks, Ernest	Grand Junction	Hidden Treasure	Fruita	Mesa
Hicks & Son	" "	Palisade	Same	"
Hightchew, Lester	Mancos	La Plata	"	La Plata
Hi-Grade Coal	Florence	Hi-Grade	"	Fremont
Hindman & Brown	Rio Blanco	Rio Blanco	"	Garfield
Hinkle Coal	Gunnison	Hinkle	Same	Gunnison
Holgate, Howard	Carbondale	Placita	"	Pitkin
Horace Anthracite	Crested Butte	Horace	"	Gunnison
Huerfano Coal	Denver	Ludlow	Ludlow	Las A.
Hughes & Phillips	Palisade	Gearhart	Same	Mesa
Imperial Coal	Denver	Eagle	Erie	Weld
Imperial Coal	"	Imperial	"	"
Iuppa, Albert, Jr.	Trinidad	Little Al's	Same	Las A.
Jakovac, Frank	Oak Creek	Frank's	"	Routt
James Coal	Rifle	James	Axial	Moffat

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch
		Depth	Slope	Tunnel				
		Length						
George Clark	C & S				Yes	3	6	
John Guadagnoli					Yes	9		
John Guadagnoli						6		2
L. Guiliano						3		8%
Wm. Haas, Jr.					Yes	9		57 <sup>o</sup>
Wm. Haas, Jr.					Yes	9		67 <sup>o</sup>
C. O. Halcumb			300		Yes	9		5 <sup>o</sup>
Thomas H. Hall						4		8%
Harold E. Hallett					Yes	8	6	1%
James Hare, Jr.					Yes	6	6	
James Hare, Jr.						6		
Albert Daniels	D&RG	560				9	10	15
W. C. Hunt					Yes	5	10	3 <sup>o</sup>
J. B. Henderson					Yes	6	3	7 <sup>o</sup>
Joe DeLuzio					Yes	5	4	
Ernest Hicks					Yes	3		5 <sup>o</sup>
Dale Hicks						4		5
Lester Hightchew					Yes	5	10	5 <sup>o</sup>
Joe A. Vails					Yes	3	5	5 <sup>o</sup>
Roy Hindman						8		45
Wm. H. Harris					Yes	8		8%
Howard Holgate					Yes	4		
Joseph J. Saya			1,600		Yes	2		5 <sup>o</sup>
F. McDermott	C & S				Yes	4-6		5%
H. B. Phillips					Yes	5		12 <sup>o</sup>
Frank Kolar	UP	370				9		1½%
Frank Kolar	UP	300				10	6	
Albert Iuppa					Yes	4		
Frank Jakovac					Yes	8	6	5½%
Henry Fech					Yes	8	6	8-36

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Jenkins & Mathis	Meeker	Rienau	Same	Rio Blanco
Juanita Coal & Coke	Bowie	King	"	Delta
Kattnig, Martin	Florence	White Ash	"	Fremont
Keck, William R.	Norwood	Keck-Reliance	"	San Miguel
Kerr Coal	Cameo	Cameo	"	Mesa
Knez Coal	Craig	Knez	Same	Moffat
Leader Coal	Sopris	Leader #2 & #3	Pryor	Huerfano
Leyden Lignite	Denver	Leyden #3	Leyden	Jefferson
Liberty Mining	Canon City	Canon Liberty	Same	Fremont
Louisville-Lafayette	Louisville	Hi-Way	"	Boulder
Lovisone & Colarelli	Canon City	L & C #2	Same	Fremont
Madru, Louis F.	Denver	Bear Cat	Hayden	Routt
Major Coal	Walsenburg	Major #2	Same	Huerfano
Mancos Coal	Mancos	Mancos	"	Montezuma
Marah & Hamilton	Cedaredge	States	"	Delta
Marah & Jones	Bowie	Blue Ribbon	Same	Delta
Marion Coal	Carbondale	Marion-Kilroy	"	Garfield
Martinez, Albert	Cokedale	Martinez	"	Las A.
Martorano Brothers	Sopris	Martorano	"	" "
Mathews, John	Oak Creek	Johnnie's	"	Routt
McLain Brothers	La Veta	Deer Canyon	Same	Huerfano
McNeil Coal Corp.	Denver	Sterling	Dacono	Weld
Melonas, James	Walsenburg	Melonas	Same	Las A.
Midway Coal	Florence	Midway Strip	"	Fremont
Minerals Devel. Corp.	Salt Lake City, U.	Oliver #2	Somerset	Gunnison
Minerals Devel. Corp.	Salt Lake City, U.	Somerset	Somerset	Gunnison
Minnequa Coal	Denver	Morning Glory	Walsenburg	Huerfano
Minoletti Brothers	Durango	Minoletti	Same	La Plata
Monolith Portland Md.	L. A., Calif.	Monolith Strip	Walden	Jackson
Montoya Coal	Trinidad	Montoya	Same	Las A.

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % - 0
		Depth	Slope	Tunnel				
William Jenkins, Jr.					Yes	20		18 <sup>0</sup>
W. D. Bowie	D&RG				Yes	14		7-10%
Martin Kattnig						1	7	
William R. Keck					Yes	2	8	1%
W. R. Kerr, Jr.	D&RG			1,000		5	9	4%
Joe L. Knez						8	6	8%
C. E. Langowski					Yes	4		6 <sup>0</sup>
C. E. Dollar	DIMT	792				7	9	3
William C. Adamic					Yes	3	4	6%
Frank Yakes, Jr.	CB&Q	385				3	6	1½%
Ted Colarelli					Yes	5		8%
L. F. Madru			No	Report				
Louis Bellotti	D&RG		75			4	6	10%
Roy Freeman					Yes	5		4%
R. E. Marah				200	Yes	12		3%
Neil Jones						6		6 <sup>0</sup>
Shelby Cochran				25	Yes	5		46 <sup>0</sup>
Albert Martinez				10	Yes	2		
Mike Martorano					Yes	3	3	10
John Mathews					Yes	4	10	4½ <sup>0</sup>
George McLain				180		5	6	45 <sup>0</sup>
A. W. Newcomb	UP	358				7	11	
Jim Melonas	C&S		144			4	10	7%
John Verlengia		S T R I P				4		
Carl E. Smith	D&RG			100		7		6%
William Luoma	D&RG					8	6	6%
George M. Turner	D&RG					4	6	5%
Joe Minoletti					Yes	6		6%
F. Moyle		S T R I P						
Milton Montoya					Yes	3		3





COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Morasky C. & Blocks	Trinidad	Grey Creek	Same	Las A.
Morasky C. & Blocks	"	" " #6	"	" "
Morris & Vendetti	Florence	Manley	"	Fremont
Niggerhead Coal	La Veta	Clair-Proffitt	"	Huerfano
Niggerhead Coal	" "	Niggerhead #2	"	"
Nix, Ammon E.	Nucla	Independence	Same	Montrose
North Fork Coal	Somerset	North Fork	"	Gunnison
North Park Coal	Ft. Collins	Moore Strip	Coalmont	Jackson
Osage Coal	Kan. City, Mo.	Osage Strip	Stmbt. Spgs.	Routt
Palmer Park Coal	Colo. Springs	City #4	Same	El Paso
Pantazes, Pete	Aguilar	Prosperity #1&2	Same	Las A.
Paonia Farmers Coal	Paonia	Paonia Farmers	"	Delta
Paradiso Brothers	Trinidad	Forbes #9	"	Las A.
Partch Brothers	Gunnison	Nu-Mine	"	Gunnison
Paterson & Johnson	Fruita	Hy-Grade	"	Mesa
Pat's Cabin Coal	Somerset	Pat's Cabin	Same	Delta
Patton, Lloyd L.	Cedaredge	Red Canon #1	"	"
Peacock Coal	Durango	Peacock	"	La Plata
Peacock Coal	"	Tipotsch	Hesperus	" "
Peacock Coal	Trinidad	Peacock	Same	Las A.
Peaks Coal	Walsenburg	Peaks	Same	Huerfano
Peerless	Durango	Peerless	"	La Plata
Piedmont Coal	Sopris	Piedmont	"	Las A.
Pikes Peak Fuel	Colo. Springs	Pikeview	Pikeview	El Paso
Pioneer Mining	" "	Pioneer Strip	Florence	Fremont
Pitkin Coal & Coke	Glenwood Spgs.	Aspen Gulch	Carbondale	Pitkin
Pittsburg Coal	Boulder	Pittsburg	Gorham	Boulder
Pluto Coal Mining	"	Pluto #2	Superior	"
Premium Coal	Florence	Caldirola #1	Same	Fremont
Ramsay Coal	Steamboat Spgs.	Ramsay #1	Hayden	Routt

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % <sup>o</sup>
		Depth	Slope	Tunnel				
Joe Morasky					Yes	3	8	3% <sup>o</sup>
Joe Morasky					Yes	3		2 <sup>o</sup>
Jason Morris						4		8% <sup>o</sup>
Thomas Clair						3	2	35 <sup>o</sup>
Thomas Clair						2	6	5 <sup>o</sup>
Ammon E. Nix					Yes	4	6	6 <sup>o</sup>
Comer Reese					Yes	8	6	5% <sup>o</sup>
H. L. Snell				S T R I P		40		
G. E. Ralston	D&RG			S T R I P		8		10% <sup>o</sup>
F. Lanari				1,500	Yes	4-6		20
Pete Pantazes						2	4-6	6-7 <sup>o</sup>
Fisk & Anglin					Yes	8	6	8 <sup>o</sup>
Emilio Paradiso						4		3% <sup>o</sup>
Joseph E. Partch					Yes	6		5% <sup>o</sup>
M. R. Paterson					Yes	3	6	15% <sup>o</sup>
Toivo Alanko						6	6	10% <sup>o</sup>
Lloyd L. Patton					Yes	4	6	3% <sup>o</sup>
Jose I. Valdez					Yes	5	10	2% <sup>o</sup>
Jose I. Valdez					Yes	6		2 <sup>o</sup>
Eugene Lopez					Yes	5	10	3% <sup>o</sup>
Eloy Montez						2	6	13 <sup>o</sup>
Everette Bixler					Yes	4	6	6% <sup>o</sup>
Charles Langowski						4		0-5
Robert Welch	D&RG			178		8		6% <sup>o</sup>
Paul E. Brenton				S T R I P		5		7% <sup>o</sup>
Rees Llewellyn					Yes	5	9	29 <sup>o</sup>
Sam Flavell					Yes	5		3% <sup>o</sup>
Frank E. Hodgson						5		0-50% <sup>o</sup>
Juan Mata					Yes	3	6	3% <sup>o</sup>
Ramsay S. Harris					Yes	10		15% <sup>o</sup>

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Rangely Coal	Oak Creek	Les-Ash	Same	Routt
Red Ash Coal	New Castle	Red Ash	"	Garfield
Red Ash Coal	Walsenburg	Maitland #1	"	Huerfano
Red Ash Coal	"	Maitland #2	"	"
Red Glow Coal	Aguilar	Red Glow	"	Las A.
Rex Carbon Fuel	Florence	Rex Carbon	Same	Fremont
Rifle C. Mines, Inc.	Rifle	North Canyon	"	Garfield
Riggio, Nick	Trinidad	Riggio #2	"	Las A.
Riggio, Nick	"	Riggio #3	"	" "
Riverside Farmers C.	Palisade	Riverside Farm.	"	Mesa
Roatcap, Roy	Montrose	Cimarron	Same	Montrose
Rugby Coal	Trinidad	Rugby Mines	Rugby	Huerfano
Ruggero, William	New Castle	Sunny Ridge	Same	Garfield
Ruiz, Ygnacio	Walsenburg	Wonder	"	Huerfano
Russell, Wm. E. Coal	Denver	Crown	Superior	Boulder
Sanchez, Fred	Aguilar	Fairweather	Same	Las A.
Sarmiento Coal	Florence	Pine Gulch #2	"	Fremont
Scott-Ruiz	Trinidad	Starkville #4	"	Las A.
Shamrock Coal	Denver	Shamrock	Erie	Weld
Shields, Alex	Pryor	Pryor #2	Same	Huerfano
Skinner Coal	Walsenburg	Gordon	Same	Huerfano
Smith, A. G.	Gunnison	Baldwin	"	Gunnison
Smith, Irvin A.	Durango	King	"	La Plata
Snooks, Otis H.	Bayfield	Triple S	"	" "
So. Blk. Diam. C. & Oil	Trinidad	Franklin	"	Las A.
So. Canon Mines	Glenwood Spgs.	So. Canon #1	Same	Garfield
Staples Brothers	Gunnison	Ohio Creek	"	Gunnison
Staples, S. L., Jr.	"	Ohio Creek #2	"	"
States, W. W.	Cedaredge	Top	"	Delta
Steele Brothers	Fruita	Farmers-Nearing	Same	Mesa

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % <sup>o</sup>
		Depth	Slope	Tunnel				
James Knox						9		10%
O. W. Estes					Yes	8		55
M. J. Judiscak						4	6	5%
M. J. Judiscak					Yes	3		5%
Clifford Smith					Yes	3	8	6 <sup>o</sup>
John M. Williams			450			3	10	12%
L. M. Bradley						9		80%
Nick Riggio						5	6	
Nick Riggio						7	2	3 <sup>o</sup>
C. C. Spangler					Yes	3	6	4
Roy Roatcap					Yes	35		
Clyde S. Dawn					Yes	3	10	13%
William Ruggero					Yes	7		45%
Ygnacio Ruiz					Yes	4		21%
Andrew Wilson			238			7		1-30%
Fred Sanchez						6		
D. E. Sarmiento					Yes	3		4 <sup>o</sup>
William C. Scott					Yes	4		5%
F. L. Peart	UP		110			10	1	1 <sup>o</sup>
Alex Shields						6		12
Alfred Newman	D&RG				Yes	4	6	5%
A. G. Smith					Yes	6		8%
Irvin A. Smith					Yes	6		2 <sup>o</sup>
Otis H. Snooks					Yes	12		45 <sup>o</sup>
Frank Coke					Yes	6		2%
Rees Llewellyn			500			5		55 <sup>o</sup>
S. L. Staples					Yes	5		5%
S. L. Staples					Yes	5		5%
W. W. States						7		5 <sup>o</sup>
Rudolph Steele					Yes	6		5 <sup>o</sup>

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Strainer Coal	Canon City	Can. Wolf Crk.	Same	Fremont
Strainer Coal	" "	" " "#2	" "	" "
Sun Coal	Hayden	Sun	" "	Routt
Sunlight Coal	Glenwood Spgs.	Sunlight	" "	Garfield
Supancic, Louis	Cameo	Riverview	" "	Mesa
Tafoya, Juan	Aguilar	Harnish #2	Same	Las A.
Talarico, Ralph	Grand Junction	Grasso	" "	Mesa
Taylor Coal Mining	Walsenburg	Blue Streak	Meeker	Rio Blanco
Taylor Coal Mining	" "	Rapson #2	Same	Las A.
Thomas Coal, Ltd.	Grand Junction	Thomas	" "	Mesa
Thompson Crk. C&C Corp.	Denver	Thomp. Crk. #1	Carbondale	Pitkin
Thompson Crk. C&C Corp.	" "	" " #2	Carbondale	" "
Tolley, C. A. & Eileen	New Castle	Harvey Gap #2	Same	Garfield
Trinidad Brick Tile	Trinidad	New Mary	" "	Las A.
U. S. Vanadium Corp.	Grand Junction	Liberty Bell	Nucla	Montrose
Valdez, Joe I.	Durango	Lucky Strike	Same	La Plata
Valley View Coal	" "	Valley View	" "	" "
Vanadium Corp. of A	Naturita	Fiddling Bill	" "	Montrose
Vento Coal	Florence	Vento	" "	Fremont
Victor-Amer. Fuel	Denver	Delagua	Delagua	Las A.
Victor-Amer. Fuel	Denver	Delagua #5	Delagua	Las A.
Victor-Amer. Fuel	" "	Wadge	Mt. Harris	Routt
Victory Coal	Durango	Victory	Same	La Plata
Vidmar, Charles	Palisade	Blue Flame	" "	Mesa
Vigil, Frank	Valdez	Vigil	" "	Las A.
Ward, Roy Sam	Fruita	Coal Gulch	Same	Mesa
Weaver Brothers	Gunnison	Richardson	" "	Gunnison
Welker, C. O.	Fruita	Homestead	" "	Garfield
White, Loren E.	Gunnison	Carbon Creek	" "	Gunnison
White River Fuel	Vernal, Utah	White River	Rangely	Rio Blanco

Superintendent	R. R.	OPENINGS				SEAM		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch % <sup>o</sup>
		Depth	Slope	Tunnel Length				
Anton Strainer						6		2%
Anton Strainer					Yes	6	6	2%
Thomas E. Barton					Yes	9		
Joe M. Rogers					Yes	9	7	43 <sup>o</sup>
Louis Supancic						6		5%
Juan Tafoya						3	9	3 <sup>o</sup>
Ralph Talarico					Yes	3		10 <sup>o</sup>
Carl Tesitor					Yes	27		13%
Anthony Tesitor	C&S		2,000			5		12%
Frank Youngman					Yes	4	6	
Howard Holgate					Yes	5	8	30 <sup>o</sup>
Howard Holgate					Yes	5		30 <sup>o</sup>
C. A. Tolley					Yes	5	10	45 <sup>o</sup>
F. C. Nichols					Yes	3		
James LeDonne					Yes	6	6	3
Joe I. Valdez					Yes	5	6	5%
J. D. Simmons						5		3%
W. R. Keck						6	6	2
Dominic Vento					Yes	5	11	6%
Henry C. Johnson	C&S		700			4-5	6	6%
Henry C. Johnson	C&S				Yes	4		6%
W. C. Schlessinger	D&RG					8	6	16%
William Gerard					Yes	6		6%
Charles Vidmar					Yes	4	10	4%
Frank Vigil						3		2 <sup>o</sup>
Roy Sam Ward						4	3	5%
H. Weaver						4	3	10%
C. O. Welker						6		5%
Loren E. White					Yes	4		
M. E. Staley						8		8%

COMPANY	ADDRESS	MINE	ADDRESS	COUNTY
Williams, Charles E.	Norwood	Elder	Same	San Mig.
Williamson, R. H.	Matheson	White Ash	"	Elbert
Wilson, Glen E.	Cortez	Montezuma#2	"	Montezum
Wolverton, T. S.	Paonia	Delta W.	"	Delta
Wright, C. L.	Hesperus	Burnwell #2	"	La Plata
Wright Fuel	Hesperus	Wright #2	Same	La Plata
Yellico, Gene	Delta	Tomahawk	"	Delta
Zellitti, F. , N. , & C.	Durango	Morning Star	"	La Plata
Zemlock Coal	Glenwood Spgs.	Zemlock	"	Garfield
Zenith Coal	Hayden	Zenith Strip	"	Routt
Znidernick, Frank	Trinidad	Centennial	Same	Las A.
Zufelt & Zink	Durango	Cherry Creek	"	La Plata

Superintendent	R. R.	O P E N I N G S				S E A M		
		Shaft	Rock	Rock	Drift	Ft.	In.	Pitch
		Depth	Slope	Tunnel				
		Length						
Charles E. Williams					Yes	3		
R. H. Williamson						12		2%
Glen E. Wilson					Yes	4	6	2%
T. S. Wolverton						12		2%
C. L. Wright					Yes	6	4	2%
C. L. Wright					Yes	5	10	4%
Gene Yellico					Yes	10		4%
Frank Zellitti					Yes	5	10	5%
Andy Zemlock, Jr.					Yes	4		45°
Louis Ciani		S T R I P		No Report				
Frank Znidernick						2	4	
Zufelt & Zink					Yes	4	6	

REPORT OF MINES BY COUNTY - COMPANY, MEN & DAYS  
1950 - 1951

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>ARCHULETA</u>					
Bellino	Frank Bellino	-	1	-	36
Columbine	Leroy R. Crane	2	2	189	206
Garcia	Simon B. Garcia	2	2	66	13
Martinez	Florello Coon	-	1	-	35
TOTALS		4	6	255	290
<u>BOULDER</u>					
Black Diamond #2	Black Diamond Fuel	17	14	131	167
Centennial	Centennial Coal	45	34	124	158
Crackerjack #2	Eston & Sheldon Allen	1	3	172	67
Crown	Wm. E. Russell Coal	24	19	137	166
Hi-Way	Louisville-Lafayette C.	49	38	133	185
New Gorham	Wesley Conda	5	4	197	143
Pittsburg	Pittsburg Coal	3	2	161	88
Pluto #2	Pluto Coal Mining	11	11	118	42
TOTALS		155	125	1,173	1,016
<u>DELTA</u>					
Colorado Strip	Colorado Coal	1	-	35	-
Delta W	T. S. Wolverton	1	1	29	40
Fairview	Fairview Mines, Inc.	19	-	55	-
Green Valley #2	Ira T. Brooks	5	4	276	210
King	Juanita Coal & Coke	40	35	132	171
Paonia Farmers	Paonia Farmers Coal	6	5	147	156
Pat's Cabin	Pat's Cabin Coal	-	3	-	90
Red Canon #1	Lloyd L. Patton	6	5	246	236
States	Marah & Hamilton	4	4	163	206
Tomahawk	Gene Yellico	7	5	205	187
Top	W. W. States	6	4	267	228
TOTALS		95	66	1,555	1,524
<u>ELBERT</u>					
White Ash	R. H. Williamson	3	3	184	88
TOTALS		3	3	184	88
<u>EL PASO</u>					
City #4 (Clsd.)	Palmer Park Coal	8	-	95	-
Franceville	Franceville Coal	2	2	303	298
Franceville Strp.	Franceville Coal	2	2	255	192
Pikeview	Pikes Peak Fuel	80	51	214	223
TOTALS		92	55	867	713

PRODUCTION -- ACCIDENTS  
1950 - 1951

PRODUCTION		ACCIDENTS			
1950	1951	Fatafs		Non-Fatafs	
		1950	1951	1950	1951
-	70	-	-	-	-
768	975	-	-	-	-
376	129	-	-	-	-
-	20	-	-	-	-
1,144	1,194	-	-	-	-
12,044	13,725	-	-	1	1
30,840	33,954	-	-	1	2
1,871	767	-	-	-	-
17,739	17,177	-	-	3	1
39,221	42,653	-	-	1	6
2,710	2,897	-	-	-	1
673	414	-	-	2	-
4,467	1,425	-	-	2	-
109,565	113,012	-	-	10	11
312	-	-	-	-	-
102	77	-	-	-	-
1,184	-	-	-	-	-
3,521	4,884	-	-	-	1
31,042	39,213	-	-	2	-
4,286	4,319	-	-	1	-
-	100	-	-	-	-
7,821	6,089	-	-	-	-
5,084	6,826	-	-	-	-
11,204	9,294	-	-	-	-
7,004	4,465	-	-	-	-
71,560	75,267	-	-	3	1
1,020	587	-	-	-	-
1,020	587	-	-	-	-
2,410	-	-	-	-	-
3,717	3,658	-	-	-	-
7,531	7,583	-	-	-	-
99,328	78,381	-	-	4	2
112,986	89,622	-	-	4	2

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>FREMONT</u>					
Annex	Annex Coal	3	3	330	199
Beaver Strip	Virgil L. Beavers	-	3	-	62
Beer Strip	Beer Coal Company	4	3	257	82
Black Knight	Black Knight Coal	-	2	-	238
Brook Canon(Clstd.)	Brook Canon Coal	3	2	215	80
Caldirola #1	Premium Coal	4	3	93	247
Caldirola #2	Caldirola Mining	7	5	215	268
Canon Black Diam.	Canon Blkd. Diam. C.	10	9	242	235
Canon Chief	Canon Chief Coal	8	8	176	210
Canon Horseshoe #2	Canon Horseshoe Coal	3	-	72	-
Canon Liberty Coal	Canon Liberty Coal	4	4	250	200
Canon National	Canon National Coal	9	8	272	244
Canon Royal	Canon Royal Coal	3	-	36	-
Canon Shamrock	Canon Shamrock Coal	2	-	136	-
Canon Wolf Creek	Strainer Coal	5	5	176	82
Canon Wolf Crk. #2	Strainer Coal	-	4	-	142
Canon Zenith #2	Duca, Moschetti & Pokas	3	3	265	262
Cedar Canon	Guiliano & Sons Coal	6	5	240	241
Chandler #2	Chandler Coal	6	6	89	228
Chandler Creek	Griffiths Coal Mining	9	10	152	181
Coal Creek Canon	Coal Crk. Canon Mng.	4	3	189	260
Corley #6	The Corley Co.	22	23	241	251
Double Dick	Double Dick Coal	7	6	170	231
Falgien#1(Nushaft)	Falgien Coal	1	1	140	81
Golden Quality #2	Golden Quality Coal	2	2	164	210
L & C #2	Lovisone & Colarelli	4	4	238	247
Manley	Morris & Vendetti Coal	3	2	201	62
Midway Strip	Midway Coal	2	-	24	-
Pine Gulch #1	Canon Monarch Coal	9	9	257	248
Pine Gulch #2	Sarmiento Coal	-	4	-	217
Rex Carbon	Rex Carbon Fuel	7	9	279	261
Rockvale #3	C. F. & I. Corp.	50	60	176	127
Sunlite	Sunlite Coal	7	6	286	277
Vento	Vento Coal	6	9	249	251
White Ash #1	Martin Kattnig	1	1	165	59
TOTALS		214	222	5,995	5,983
<u>GARFIELD</u>					
Atlas	Henry Bendetti	1	-	110	-
Diamond	Diamond Fuel	2	1	120	132
Harvey Gap	Clem A. Paolazzi	2	-	87	-

PRODUCTION		ACCIDENTS			
1950	1951	Fatales		Non-Fatales	
		1950	1951	1950	1951
2,699	3,732	-	-	-	-
-	2,633	-	-	-	-
17,446	3,536	-	-	-	-
-	1,273	-	-	-	-
1,733	378	-	-	1	-
1,694	4,009	-	-	-	-
8,637	12,055	-	-	1	-
30,267	24,511	-	-	-	-
10,772	12,062	-	-	-	1
368	-	-	-	-	-
5,178	5,738	-	-	-	-
20,810	17,505	-	-	-	-
196	-	-	-	-	-
1,460	-	-	-	-	-
3,846	1,659	-	-	-	-
-	1,204	-	-	-	-
1,285	2,608	-	-	-	1
10,059	10,012	-	-	-	-
942	2,204	-	-	-	4
7,252	7,125	-	-	-	-
5,323	8,064	-	-	-	1
41,749	48,982	-	-	-	4
7,754	9,464	-	-	-	-
415	274	-	-	-	-
1,991	2,163	-	-	-	-
4,366	3,129	-	-	-	-
2,383	570	-	-	-	-
317	-	-	-	-	-
11,299	12,656	-	-	-	1
-	3,026	-	-	-	-
11,984	17,720	-	-	-	-
36,974	38,035	-	-	1	-
6,871	4,873	-	-	-	-
17,965	20,658	-	-	1	1
238	79	-	-	-	1
274,273	281,937	-	-	4	14
445	-	-	-	-	-
544	278	-	-	-	-
910	-	-	-	-	-

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>GARFIELD</u> (Contd.)					
Homestead	Clarence O. Walker	1	2	56	70
I H I #2	Haas Coal	3	3	275	257
New Castle	W. E. Coles	5	4	178	164
North Canyon	Rifle Coal Mines, Inc.	7	7	271	262
Pocahontas	R. A. Andreatta	-	1	-	167
Red Ash	Red Ash Coal	2	-	85	-
Rio Blanco	Hindman & Brown	3	-	112	-
South Canon #1	South Canon Mines	7	4	268	235
Stove Canon	Stove Canon Coal	-	4	-	216
Sunlight	Sunlight Coal	8	9	247	265
Sunny Ridge	Wm. Ruggero	6	4	199	52
Zemlock	Zemlock Coal	-	2	-	31
Zienseniss	Eaton & Ward	-	2	-	56
TOTALS		47	43	2,008	1,907
<u>GUNNISON</u>					
Baldwin	A. G. Smith	3	3	219	259
Baldwin Star	James Hare, Jr.	2	1	265	191
Bear	Bear Coal	47	47	142	153
Black Beauty	N. & E. Axelson	-	4	-	296
Carbon Creek(Cltd.)	Loren E. White	2	-	48	-
Crested Butte	C. F. & I. Corp.	141	123	162	147
Edwards	Clark Coal	28	17	95	126
H. & H. (Union)	J. Hare & F. Hirdman	-	1	-	50
Hawk's Nest	Champion Coal	19	16	115	153
Hinkle	Hinkle Coal	2	2	129	64
Horace	Horace Anthr. Miners Assoc.	2	3	130	114
Nu-Mine	Partch Bros.	20	17	243	271
Ohio Creek	Staples Brothers	3	3	276	243
Oliver #2	Calumet & Utah Fuel	72	-	153	-
Oliver #2	Kaiser Steel Corp.	-	71	-	154
Richardson	Weaver Brothers	3	3	79	86
Somerset	Calumet & Utah Fuel	102	-	130	-
Somerset	Kaiser Steel Corp.	-	56	-	93
TOTALS		446	367	2,186	2,400
<u>HUERFANO</u>					
Bert's (Pryor)	Blue Blaze Coal	-	5	-	184
Black Beauty	Black Beauty Coal	4	3	227	77
Butte Valley	Gordon Coal	27	19	92	169
Caddell #2	Parra Coal	3	2	193	74
Calumet #2	Calumet & Utah Coal	101	-	110	-

PRODUCTION		ACCIDENTS			
1950	1951	Fatals		Non-Fatals	
		1950	1951	1950	1951
246	158	-	-	-	-
5,673	5,347	-	-	-	-
5,787	4,999	-	-	1	-
14,217	9,445	-	-	2	-
-	258	-	-	-	-
233	-	-	-	-	-
1,161	-	-	-	-	-
8,648	4,416	-	-	1	1
-	3,675	-	-	-	-
9,703	10,336	-	-	1	1
1,834	501	-	-	2	-
-	39	-	-	-	-
-	197	-	-	-	-
49,401	39,649	-	-	7	2
2,255	2,367	-	-	-	-
2,524	1,684	-	-	2	1
42,824	50,006	-	-	2	5
-	3,309	-	-	-	-
90	-	-	-	-	-
103,695	70,571	-	-	6	1
20,998	15,127	-	-	1	-
-	215	-	-	-	-
27,500	35,564	-	-	1	1
880	506	-	-	-	-
620	523	-	-	-	-
26,846	23,984	-	-	3	-
1,785	1,784	-	-	-	-
75,988	-	-	-	2	-
-	83,939	-	-	-	1
562	343	-	-	-	-
95,423	-	-	-	3	-
-	48,149	-	-	-	-
401,990	338,071	-	-	20	9
-	4,933	-	-	-	-
2,502	1,100	-	-	1	-
10,508	13,127	-	-	1	3
1,221	330	1	-	-	-
55,288	-	-	-	4	-

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>HUERFANO (Contd.)</u>					
Calumet #2	Kaiser Steel Corp.	-	80	-	122
Gordon	Gordon Coal	37	30	138	118
Kebler #2	C. F. & I. Corp.	148	145	161	191
Leader #2 & #3	Leader Coal	8	5	197	176
Maitland	Red Ash Coal	18	17	157	197
Major #2	Major Coal	13	8	161	163
Morning Glory	Minnequa Coal	59	32	119	186
Oak Creek	Boyd & Christie	3	-	231	-
Peaks	Peaks Coal	6	4	170	165
Pictou	C. F. & I. Corp.	57	58	172	218
Pryor	Blue Blaze Coal	5	-	135	-
Pryor #2	Alex Shields	6	5	198	176
Rugby (New)	Rugby Coal	3	-	250	-
Rugby #1	Rugby Coal	3	4	194	92
Rugby #4	Rugby Coal	3	3	194	125
Wonder	Ygnacio Ruiz	2	1	85	104
TOTALS		506	421	3,184	2,537
<u>JACKSON</u>					
Marr	George M. Barnell	4	3	253	264
Moore Strip	North Park Coal	5	2	98	87
TOTALS		9	5	351	351
<u>JEFFERSON</u>					
Capitol	Capitol Fuel	6	4	202	265
Leyden #3	Leyden-Lignite	75	-	15	-
TOTALS		81	4	217	265
<u>LA PLATA</u>					
Blue Flame	Vernon Cason	2	2	266	267
Burnwell #2	C. L. Wright	3	3	146	126
Castle	Castle Coal	4	3	234	201
Cherry Creek	Robert S. Conner	1	-	92	-
Coal King #2	J. B. Henderson	2	2	118	71
Durkan	James T. Durkan	2	2	114	206
Hay Gulch #2	Hay Gulch Coal	3	3	295	261
Hesperus	Hesperus Coal	3	4	190	177
King	Irvin A. Smith	3	3	100	254
La Plata	Lester Hightchew	1	2	142	240
Lucky Strike	Joe I. Valdez	4	3	36	59
Minoletti	Minoletti Brothers	4	3	224	170
Monarch	H. E. Hallet	2	2	222	119
Morning Star	F., F., Jr., N. Zellitti	3	3	192	248

PRODUCTION		ACCIDENTS			
1950	1951	Fatales		Non-Fatales	
		1950	1951	1950	1951
-	57,895	-	-	-	2
22,848	13,230	-	-	-	-
98,107	111,784	1	-	3	5
2,904	2,637	-	-	-	-
10,810	12,032	-	-	-	2
9,676	6,018	-	-	2	-
31,434	25,199	-	-	1	4
509	-	-	-	-	-
1,648	1,216	-	-	-	-
48,361	57,711	-	-	3	5
3,260	-	-	-	-	-
3,312	2,885	-	-	-	1
1,057	-	-	-	1	-
469	731	-	-	-	-
515	777	-	-	-	1
301	207	-	-	-	-
304,730	311,812	2	-	16	23
6,418	2,187	-	-	1	1
11,906	1,167	-	-	-	-
18,324	3,354	-	-	1	1
4,119	6,374	-	-	-	1
6,762	-	-	-	-	-
10,881	6,374	-	-	-	1
2,099	2,413	-	-	-	-
1,908	1,943	-	-	-	-
5,744	5,048	-	-	-	-
142	-	-	-	-	-
751	371	-	-	-	-
477	496	-	-	-	-
2,300	1,895	-	-	-	-
1,420	1,578	-	-	-	-
2,928	3,632	-	-	-	2
498	803	-	-	-	-
308	387	-	-	-	-
4,884	3,117	-	-	1	-
1,342	848	-	-	-	1
2,801	2,914	-	-	-	1

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>LA PLATA (Contd.)</u>					
Peacock	Peacock Coal	4	3	258	224
Peerless	Peerless Coal	3	3	201	181
Tipotsch	Henry Boglino	2	1	112	184
Triple S	Otis H. Snooks	1	1	103	5
Valley View	Valley View Coal	2	2	160	63
Victory	Victory Coal	5	4	221	258
Wright #2	Wright Fuel	2	2	109	89
TOTALS		56	51	3,535	3,403
<u>LAS ANIMAS</u>					
Allen	C. F. & I. Corp.	-	44	-	185
Anchor #1	Leo Franklin	2	3	52	137
Anchor #2	Carbon Fuel	-	3	-	131
Baldy	Baldy Coal	19	13	201	206
Bear Canon # 6	Bear Canon Coal	44	46	201	246
Berwind Canyon	Berwind Canyon Coal	7	8	236	202
Boncarbo	Boncarbo Coal	18	-	15	-
Brodhead #1	Brodhead Coal	6	2	262	114
Brodhead #8	Brodhead Coal	3	2	130	115
Burro Canon #3	Leo Franklin	-	3	-	81
Crystal	Guillermo Bowman	1	2	116	86
Delagua	Victor Amer. Fuel	99	102	175	221
Delagua #5	Victor Amer. Fuel	13	12	175	221
Engleville	Guadagnoli Brothers	-	3	-	149
Fairweather	Fred Sanchez	2	-	65	-
Forbes #9	Paradiso Brothers	3	2	166	85
Franklin	So. Blk. Diamond Coal	11	11	124	151
Frederick	C. F. & I. Corp.	622	625	224	234
Gem	Giuliano Coal	14	11	178	175
Gilbert #2	Julio Gilbert	3	-	136	-
Grey Creek	Joe Morasky	4	6	220	290
Hall-Primrose	Hall Bros. Coal	-	2	-	6
Harnish #2	Juan Tafoya	2	1	200	161
Jewel-Crestone	Green Canon Coal	9	8	180	163
Lovato	John C. Lovato	3	-	124	-
Ludlow	Huerfano Coal	97	85	180	199
Martinez	Albert Martinez	1	1	49	86
Martorano	Martorano Brothers	3	3	264	131
Melonas	Melonas Coal	6	5	169	193
Montoya	Montoya Coal	2	2	108	141
Morley	C. F. & I. Corp.	234	231	212	224

PRODUCTION		ACCIDENTS			
1950	1951	Fatales		Non-Fatales	
		1950	1951	1950	1951
4,776	3,039	-	-	1	-
4,022	3,283	-	-	-	-
417	1,043	-	-	-	-
390	16	-	-	-	-
491	194	-	-	-	1
6,487	6,759	-	-	-	-
2,500	2,157	-	-	-	-
46,685	41,936	-	-	2	5
-	7,463	-	-	-	-
157	403	-	-	-	-
-	1,164	-	-	-	-
12,871	11,452	-	-	-	1
41,422	46,430	-	-	-	4
4,616	4,450	-	-	1	-
662	-	-	-	1	-
2,877	800	-	-	-	-
450	1,784	-	-	-	-
-	270	-	-	-	-
366	279	-	-	-	-
72,607	93,897	-	-	5	14
12,966	16,355	-	-	2	2
-	1,554	-	-	-	-
121	-	-	-	-	-
1,284	330	-	-	-	-
4,240	4,219	-	-	1	-
490,023	501,430	-	1	20	9
7,549	7,376	-	-	-	-
2,500	-	-	-	-	-
4,202	6,593	-	-	-	-
-	143	-	-	-	-
416	352	-	-	-	-
6,429	5,215	-	-	-	-
1,783	-	-	-	-	-
59,576	57,649	1	1	4	9
68	140	-	-	-	-
1,459	814	-	-	-	-
2,813	2,835	-	-	-	-
300	401	-	-	-	-
175,777	175,442	-	-	11	13

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>LAS ANIMAS (Contd.)</u>					
New Mary	Trinidad Brick&Tile	4	-	51	-
New Primrose	Alex Bisulco	3	3	184	191
New Slope	Guadagnoli Brothers	3	-	163	-
Peacock	Peacock Coal	4	5	139	20
Peak View	Nemo Boaglio	-	1	-	98
Piedmont	Piedmont Coal	9	-	48	-
Primrose #12	Frank Cerame	-	1	-	30
Prosperity	Pete Pantazes	1	1	184	127
Rapson	Taylor Coal Mining	53	49	143	185
Red Glow	Red Glow Coal	2	2	188	93
Riggio #2	Nick Riggio	2	-	24	-
Starkville #3	Nick Cimino	4	3	180	175
Starkville #4	Iuppa Coal	3	3	194	212
Starkville #5	Sam Gonzales	2	2	122	141
Starkville #6	Sam Gonzales	2	1	62	45
Starkville #7	Nick Cimino	-	2	-	157
Sunrise	Robert Fabec	4	2	114	40
Vigil	Frank Vigil	1	1	67	12
Viola	Louis Garcia	4	4	235	214
<b>TOTALS</b>		<b>1, 329</b>	<b>1, 316</b>	<b>6, 260</b>	<b>6, 073</b>
<u>MESA</u>					
Blue Flame	Charles Vidmar	3	3	138	171
Cameo	Kerr Coal	38	38	210	232
Coal Gulch	Roy Sam Ward	2	2	121	42
Corcoran	Denver Ford	2	1	125	38
Farmers Mutual	H. Cameron	2	2	60	8
Farmers Nearing	Steele Brothers	2	2	129	100
Gearhart	Hughes & Phillips	7	8	216	205
Grasso	Ralph Talarico	2	2	85	105
Hidden Treasure	Ernest Hicks	2	2	145	176
Hunter	Claude O. Halcumb	2	2	123	130
Hy-Grade	Johnson & Paterson	4	4	241	167
McGinley	Eagle Head Coal	2	3	288	206
Palisade	Hicks & Son	4	4	127	52
Riverside	Riverside Farmers Coal	3	2	140	59
Riverview	Louis Supancic	4	4	161	202
Thomas	Thomas Coal, Ltd.	5	-	46	-
Winger	Winger Coal	3	3	219	166
<b>TOTALS</b>		<b>87</b>	<b>82</b>	<b>2, 574</b>	<b>2, 059</b>

PRODUCTION		ACCIDENTS			
1950	1951	Fatales		Non-Fatales	
		1950	1951	1950	1951
93	-	-	-	1	-
1,218	1,007	-	-	-	-
1,184	-	-	-	-	-
2,363	274	-	-	-	-
-	236	-	-	-	-
1,041	-	-	-	-	-
-	59	-	-	-	-
179	135	-	-	-	-
43,707	41,238	-	-	12	7
743	405	-	-	-	-
35	-	-	-	-	-
985	887	-	-	-	-
1,936	1,467	-	-	-	-
711	400	1	-	-	-
184	204	-	-	-	-
-	721	-	-	-	-
1,346	301	-	-	-	-
96	33	-	-	-	-
2,549	1,848	-	-	-	-
965,904	998,455	2	2	58	59
1,867	2,241	-	-	-	-
56,802	69,466	-	-	3	7
698	238	-	-	-	-
443	78	-	-	-	-
240	6	-	-	-	-
1,207	549	-	-	-	-
5,045	5,511	-	-	1	-
259	313	-	-	-	-
1,713	1,170	2	-	-	-
1,142	803	-	-	-	-
3,093	2,490	-	-	1	-
3,499	3,318	-	-	-	-
2,416	645	-	-	-	-
1,215	320	-	-	-	-
3,860	4,118	-	-	1	-
359	-	-	-	-	-
4,579	2,483	-	-	1	-
88,437	93,749	2	-	7	7

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>MOFFAT</u>					
James	James Coal	2	-	81	-
Knez	Knez Coal	3	2	146	143
Les-Ash	Rangely Coal	2	2	55	41
Red Wing	Colowyo Coal	38	34	162	169
Streeter	Domestic Coal	14	12	186	96
Wise Hill #2	D. & N. Coal	3	-	103	-
TOTALS		62	50	733	449
<u>MONTEZUMA</u>					
Mancos	Mancos Coal	1	1	140	117
Mesa	Ivor Adair	3	-	55	-
Montezuma #2	Glen E. Wilson	3	3	179	172
TOTALS		7	4	374	289
<u>MONTROSE</u>					
Cimarron	Roy Roatcap	2	-	50	-
Fiddling Bill	Vanadi. Corp. of Am.	14	-	103	-
Independence	Ammon E. Nix	2	3	183	251
Liberty Bell	U. S. Vanadium Corp.	14	-	233	-
TOTALS		32	3	569	251
<u>PITKIN</u>					
Aspen Gulch	Pitkin Coal & Ccke	-	2	-	216
Placita	Howard Holgate	5	6	266	130
Thompson Creek	Pitkin Fuel	-	2	-	44
TOTALS		5	10	266	390
<u>RIO BLANCO</u>					
Blue Streak	Taylor Coal Mining	13	10	143	193
G. & H.	Wm. W. Gentry & F. Hart	2	2	18	124
Rienau	Jenkins & Mathis Coal	5	4	260	230
White River	White River Fuel	7	6	258	250
TOTALS		27	22	679	797
<u>ROUTT</u>					
Apex	Boscia Coal	2	1	145	109
Bear Cat	Louis F. Madru	2	-	31	-
Block	Irene Gould	3	-	98	-
Block #2	Block Coal	-	2	-	100
Crow Bar	Dry Creek Coal	15	17	155	193
Dixie	Conda Coal	2	2	154	220
Edna Strip	Edna Coal	54	38	133	156
Frank's	Frank Jakovac	1	1	144	137
Harris	Colo. & Utah Coal	158	124	149	142
Hayden #4	Hayden Coal	98	105	129	18
Johnnie's	John Mathews	2	1	96	100

PRODUCTION		ACCIDENTS			
1950	1951	Fatales		Non-Fatales	
		1950	1951	1950	1951
1,255	-	-	-	-	-
1,795	1,129	-	-	-	-
351	177	-	-	-	-
82,998	95,902	-	2	5	5
37,049	13,067	-	-	-	1
2,295	-	-	-	-	-
125,743	110,275	-	2	5	6
399	373	-	-	-	-
94	-	-	-	-	-
1,105	849	-	-	-	-
1,598	1,222	-	-	-	-
86	-	-	-	-	-
8,451	-	-	-	1	-
1,574	2,419	-	-	-	-
22,238	-	-	-	-	-
32,349	2,419	-	-	1	-
-	3,590	-	-	-	-
6,873	4,140	-	-	1	2
-	738	-	-	-	-
6,873	8,468	-	-	1	2
22,228	20,745	-	-	3	-
912	806	-	-	-	-
8,438	7,507	-	-	1	-
8,118	7,349	-	-	-	-
39,696	36,407	-	-	4	-
1,204	887	-	-	-	-
50	-	-	-	-	-
497	-	-	-	-	-
-	291	-	-	-	-
22,517	32,755	-	-	-	5
699	816	-	-	-	-
146,057	143,367	-	-	-	-
251	172	-	-	-	-
190,143	157,554	-	-	8	4
84,079	11,064	-	-	10	-
463	448	-	-	-	-

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1950	1951
MINE		1950	1951	1950	1951
<u>ROUTT (Contd.)</u>					
Keystone	Keystone Coal	104	92	176	160
Moffat #3	Arrowhead Coal	67	70	118	113
Osage Strip	Osage Coal	42	34	121	152
Ramsay #1	Ramsay Coal	3	2	120	140
Rice	Rice Coal	9	10	150	84
Seven Crown Strip	Seven Crown Coal	7	-	29	-
Sun	Sun Coal	2	2	268	161
Wadge	Victor-American Fuel	70	54	109	29
TOTALS		641	555	2,325	2,014
<u>SAN MIGUEL</u>					
Elder	Charles E. Williams	1	-	131	-
Keck-Reliance	William R. Keck	1	1	64	120
TOTALS		2	1	195	120
<u>WELD</u>					
Baum (6 mo.)	Consolidated Coal & C.	37	22 (29	167	94
Baum (6 mo.)	Boulder Valley Coal	-	(15	-	115
Boulder Valley #3	Boulder Valley Coal	61	54	129	210
Eagle	Imperial Coal	93	87	147	202
Erie Strip	Erie Coal	20	20	128	82
Graden	Graden Coal	32	22	147	164
Imperial	Imperial Coal	77	73	85	111
Lincoln	Clayton Coal	40	44	187	214
Morrison	Clayton Coal	63	65	74	124
Shamrock	Shamrock Coal	-	9	-	122
Sterling	McNeil Coal Corp.	44	41	165	192
Washington	Clayton Coal	87	83	190	248
TOTALS		554	520	1,419	1,878
GRAND TOTALS		4,476	3,931	36,904	34,797

PRODUCTION		ACCIDENTS			
1950	1951	Fatalis		Non-Fatalis	
		1950	1951	1950	1951
117,408	100,390	1	-	5	8
38,973	38,952	-	-	4	7
176,437	176,551	1	-	2	5
1,015	780	-	-	-	-
7,597	4,968	-	-	-	-
1,765	-	-	-	-	-
1,906	1,289	-	-	-	-
41,867	8,414	1	-	4	1
832,928	678,698	3	-	33	30
295	-	-	-	-	-
127	170	-	-	-	-
422	170	-	-	-	-
54,968	32,236	-	-	2	1
-	22,765	-	-	-	1
71,869	93,435	-	-	2	3
187,803	237,797	-	-	2	3
39,138	29,030	-	-	-	-
32,039	27,637	-	-	1	2
58,121	70,978	-	-	-	3
92,369	83,462	-	-	1	3
41,516	68,996	-	-	1	2
-	10,291	-	-	-	-
49,236	67,032	-	-	2	2
151,319	135,608	-	-	3	4
778,378	879,267	-	-	14	24
4,274,887	4,111,945	9	4	190	197

## REPORT OF MINES BY COUNTY - COMPANY - MEN AND DAYS

1952 - 1953

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1952	1953
MINE		1952	1953	1952	1953
<u>ARCHULETA</u>					
Bellino	Frank Bellino	1	2	48	39
Columbine	Leroy R. Crane	2	2	132	124
Garcia (Clsd.)	Simon B. Garcia	3	3	12	29
Garcia Strip (New)	Garcia & Mackey	-	2	-	11
Martinez	Florella Coon	1	2	125	17
TOTALS		7	11	317	220
<u>BOULDER</u>					
Black Diamond #2	Black Diamond Fuel	14	13	145	136
Centennial (Clsd.)	Centennial Coal	34	-	48	-
Crown	Wm. E. Russell Coal	21	20	150	159
Hi-Way	Louisville-Lafayette C.	37	29	171	109
New Gorham	Wesley Conda	3	3	117	83
Pittsburg	Pittsburg Coal	2	-	10	-
TOTALS		111	65	641	487
<u>DELTA</u>					
Blue Ribbon	Jones & Marah	2	3	15	165
Delta W	T. S. Wolverton	1	1	80	25
Green Valley #2	Ira T. Brooks	5	5	206	208
King	Juanita Coal & Coke	31	30	183	160
Paonia Farmers	Paonia Farmers Coal	5	3	145	157
Red Canon #1	Lloyd L. Patton	5	4	271	263
Tomahawk	Gene Yellico	6	6	223	189
Top	Welland W. States	4	4	232	288
TOTALS		59	56	1,355	1,455
<u>EL PASO</u>					
Franceville (Clsd.)	Franceville Coal	1	-	120	-
Franceville Strip	Franceville Coal	2	2	202	233
Pikeview	Pikes Peak Fuel	48	26	247	186
TOTALS		51	28	569	419

PRODUCTION - - ACCIDENTS

1952 - 1953

PRODUCTION		ACCIDENTS			
1952	1953	Fatales		Non-Fatales	
		1952	1953	1952	1953
67	88	-	-	-	-
497	498	-	-	-	-
40	44	-	-	-	-
-	100	-	-	-	-
73	8	-	-	-	-
677	738	-	-	-	-
10,443	10,426	-	-	1	1
10,293	-	-	-	-	-
17,537	16,747	-	-	2	-
38,986	21,612	-	-	2	1
1,660	1,036	-	-	-	1
39	-	-	-	-	-
78,958	49,821	-	-	5	3
61	2,374	-	-	-	-
133	68	-	-	-	-
6,005	5,841	-	-	-	1
37,571	33,956	-	-	2	2
3,087	2,802	-	-	-	-
4,607	3,488	-	-	-	1
9,605	6,269	-	-	-	1
3,093	2,916	-	-	-	-
64,162	57,714	-	-	2	5
1,898	-	-	-	-	-
4,786	4,684	-	-	-	-
65,362	51,640	-	-	4	2
72,046	56,324	-	-	4	2

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1952	1953
MINE		1952	1953	1952	1953
<u>FREMONT</u>					
Annex	Annex Coal	3	4	139	105
Black Knight#1 (Clsd.)	Black Knight Coal	2	-	19	-
Black Knight#2 (New)	Black Knight Coal	2	2	100	276
Caldirola #1	Premium Coal	3	3	147	157
Caldirola #2	Caldirola Mining	6	5	254	220
Canon Black Diamond	Canon Black Diamond C.	7	7	210	243
Canon Chief	Canon Chief Coal	6	6	202	195
Canon Liberty	Liberty Mining	4	4	265	255
Canon National	Canon National C.	8	6	195	243
Canon Wolf Creek#2	Strainer Coal	5	5	173	210
Canon Zenith #2	Canon Zenith Coal	3	3	187	155
Cedar Canon	Giuliano & Sons Coal	5	7	223	227
Chandler #2	Chandler Coal	7	6	225	159
Chandler Creek	Chandler Creek Coal	7	6	196	187
Coal Creek Canon	Coal Creek Canon Mng.	4	6	223	150
Corley #6	The Corley Co.	18	14	225	174
Double Dick	Double Dick Coal	8	7	220	231
Golden Quality#2 (Clsd.)	Golden Quality Coal	2	-	107	-
Golden Quality#3 (New)	Golden Quality Coal	3	4	126	163
Hi-Grade (Sunlite)	Hi-Grade Coal	-	5	-	16
L. & C. #2	Lovisone & Colarelli	5	5	223	192
Pine Gulch #2	Sarmiento Coal	3	3	137	54
Pine Gulch #3	Canon Monarch Coal	7	5	256	195
Pioneer Strip (New)	Pioneer Mining	-	6	-	114
Rex Carbon	Rex Carbon Fuel	8	9	264	271
Rockvale #3 (Clsd.)	C. F. & I. Corp.	55	-	51	-
Sunlite (Hi-Grade)	Sunlite Coal	4	-	146	-
Vento	Vento Coal	10	6	220	218
<b>TOTALS</b>		<b>195</b>	<b>134</b>	<b>4,733</b>	<b>4,410</b>
<u>GARFIELD</u>					
Harvey Gap	C. A. & Eileen Tolley	5	3	10	276
I. H. I. #2	Haas Coal	3	4	179	226
I. H. I. #3 (New)	Haas Coal	-	2	-	147
Marion-Kilroy (New)	Marion Coal	-	2	-	35
New Castle	W. E. Coles	6	6	198	87
North Canyon	Rifle Coal	8	4	268	125
Stove Canon	Flasche & Buniger	5	5	139	125

PRODUCTION		ACCIDENTS			
1952	1953	Fatales		Non-Fatales	
		1952	1953	1952	1953
2,760	2,674	-	-	-	-
51	-	-	-	-	-
677	1,569	-	-	-	-
1,735	1,521	-	-	-	-
9,722	5,964	1	-	-	-
16,310	16,717	-	-	-	4
9,238	8,550	-	-	2	1
5,771	5,283	-	-	-	-
14,510	18,334	-	-	-	-
4,145	4,224	-	-	-	1
1,615	1,120	-	-	1	1
9,381	13,385	-	-	-	1
2,478	2,868	-	-	-	3
5,443	4,437	-	-	-	-
7,562	4,499	-	-	1	-
37,584	25,661	-	-	1	1
11,542	10,930	-	-	1	2
577	-	-	-	-	-
1,285	1,781	-	-	-	1
-	353	-	-	-	-
3,269	3,221	-	-	-	-
1,383	390	-	-	-	-
6,865	2,896	-	-	-	-
-	9,810	-	-	-	-
14,860	14,315	-	-	-	-
14,671	-	-	-	2	-
1,635	-	-	-	-	-
18,655	15,585	-	-	1	1
203,724	176,087	1	-	9	16
112	3,112	-	-	-	-
4,032	11,851	-	-	-	-
-	972	-	-	-	-
-	160	-	-	-	-
6,092	4,900	-	-	1	-
16,838	4,686	-	-	3	-
3,667	2,500	-	-	-	-

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1952	1953
MINE		1952	1953	1952	1953
<u>GARFIELD (Contd.)</u>					
Sunlight	Sunlight Coal	9	8	279	229
Sunny Ridge	William Ruggero	5	-	3	-
Zemlock (Clsd.)	Zemlock Coal	2	-	172	-
TOTALS		43	34	1,248	1,250
<u>GUNNISON</u>					
Baldwin	A. G. Smith	3	3	261	237
Bear	Bear Coal	51	50	150	183
Black Beauty	Ellis Coal	7	7	214	180
Crested Butte (Clsd.)	C. F. & I. Corp.	84	-	101	-
Edwards	Clark Coal	21	17	167	144
H & H (Clsd.)	J. Hare & F. E. Hirdman	1	-	57	-
Hawk's Nest	Champion Coal Mining	22	24	149	157
Hinkle	Hinkle Coal	2	3	69	128
Horace	Horace Anth. Miners Assn.	2	4	117	119
North Fork (New)	North Fork Coal	2	3	47	91
Nu-Mine	Partch Brothers	20	21	254	243
Ohio Creek #2	S. L. Staples, Jr.	2	3	193	226
Oliver #2	Minerals Develop. Corp.	51	53	159	140
Somerset	" " "	51	60	160	153
TOTALS		319	248	2,098	2,001
<u>HUERFANO</u>					
Bert's	Blue Blaze Coal	6	7	95	120
Black Beauty	Black Beauty Coal	-	3	-	140
Butte Valley (Clsd.)	Gordon Coal	16	-	54	-
Caddell #2	Aztec Fuel	4	3	190	129
Calumet #2	Delcarbon Coal	14	18	178	200
Clair-Proffitt	Niggerhead Coal	-	5	-	3
Deer Canyon	McLain Bros.	2	3	111	41
George	Glenn George	-	3	-	160
Gordon (4 Mo. - '53)	Gordon Coal	35	26	183	37
Gordon (7 Mo. - '53)	Skinner Coal	-	11	-	129
Kebler #2 (Clsd. '53)	C. F. & I. Corp.	161	161	175	71
Leader #2	Leader Coal	3	4	221	196
Maitland #1	Red Ash Coal	18	12	161	152
Maitland #2 (New)	Red Ash Coal	3	6	47	44
Major #2	Major Coal	7	8	168	113
Morning Glory	Minnequa Coal	28	23	174	177
Niggerhead #2	Niggerhead Coal	-	4	-	20

PRODUCTION		ACCIDENTS			
1952	1953	Fatafs		Non-Fatafs	
		1952	1953	1952	1953
11,783	7,881	-	-	2	2
90	-	-	-	-	-
660	-	-	-	-	-
43,274	36,062	-	-	6	2
2,533	2,358	-	-	-	-
54,321	48,043	-	-	-	1
6,711	8,655	-	-	1	-
32,984	-	-	-	-	-
25,678	22,061	-	-	-	-
297	-	-	-	-	-
42,832	46,982	-	-	1	-
441	950	-	-	-	-
464	463	-	-	-	-
590	363	-	-	-	1
26,725	27,098	-	-	3	5
1,807	2,165	-	-	-	-
59,750	61,189	-	-	2	1
86,169	84,295	-	-	3	-
341,302	304,622	-	-	10	8
2,240	3,592	-	-	1	-
-	991	-	-	-	-
2,490	-	-	-	1	-
1,028	674	-	-	2	-
14,336	16,843	-	-	1	-
-	5	-	-	-	-
215	96	-	-	-	-
-	200	-	-	-	-
23,116	4,310	-	-	1	-
-	9,732	-	-	-	1
103,033	46,180	1	-	2	3
2,722	1,749	-	1	-	-
13,131	6,704	-	-	1	-
528	694	-	-	-	-
6,260	2,399	-	-	1	-
21,400	17,514	-	-	3	2
-	3	-	-	-	-



COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1952	1953
MINE		1952	1953	1952	1953
<u>HUERFANO (Contd.)</u>					
Peaks	Peaks Coal	2	2	152	160
Pictou (Clsd. '53)	C. F. & I. Corp.	64	78	200	103
Rugby #1	Rugby Coal	4	4	64	96
TOTALS		367	381	2,173	2,091
<u>JACKSON</u>					
Marr	George M. Barnell	4	3	240	277
Monolith Strip(New)	Monolith Portland MW	9	-	10	-
TOTALS		13	3	250	277
<u>JEFFERSON</u>					
Capitol	Capitol Fuel	4	-	73	-
TOTALS		4	-	73	-
<u>LA PLATA</u>					
Blue Flame	Vernon Cason	2	2	220	220
Burnwell #2	C. L. Wright	2	4	50	183
Castle	Castle Coal	3	3	145	19
Cherry Creek	Zufelt & Zink	-	2	-	95
Coal King #2	J. B. Henderson	2	2	66	127
Hay Gulch #2	Hay Gulch Coal	3	3	226	230
Hesperus #2(Clsd.)	Hesperus Coal	3	2	219	113
King	Irvin A. Smith	3	2	239	230
La Plata	Lester Hightchew	2	1	135	104
Minoletti	Minoletti Bros.	4	4	171	146
Monarch	Harold E. Hallet	2	2	101	98
Morning Star	F., N., & C. Zellitti	3	2	240	220
Peacock	Peacock Coal	3	2	249	230
Peerless	Peerless Coal	3	3	185	154
Tipotsch	Peacock Coal(Boglino)	2	2	147	18
Victory	Victory Coal	7	11	260	259
Wright #2	Wright Fuel	3	2	98	109
TOTALS		47	49	2,751	7,555
<u>LAS ANIMAS</u>					
Aguilar-Imperial	Robert Fabec	-	1	-	20
Allen	C. F. & I. Corp.	84	253	192	274
Anchor #2	Carbon Fuel	2	3	179	272
Baldy	Baldy Coal	13	9	187	198
Bear Canon #6	Bear Canon Coal	46	41	192	78
Berwind Canyon	Berwind Canyon Coal	6	4	195	155
Bisulco	Alex Bisulco	-	3	-	28
Brodhead #2	Brodhead Coal	5	4	205	248
Burro Canyon #3	Leo Franklin	4	3	192	74

PRODUCTION		ACCIDENTS			
1952	1953	Fatalis		Non-Fatalis	
		1952	1953	1952	1953
837	862	-	-	-	-
56,399	26,996	-	-	1	2
526	795	-	-	-	-
248,261	140,339	1	1	14	8
1,360	2,833	-	-	-	-
1,055	-	-	-	-	-
2,415	2,833	-	-	-	-
1,593	-	-	-	-	-
1,593	-	-	-	-	-
2,349	2,068	-	-	-	1
588	3,026	-	-	-	-
2,820	362	-	-	-	-
-	259	-	-	-	-
409	1,165	-	-	-	-
1,777	1,827	-	-	-	1
1,709	940	-	-	-	-
4,166	3,622	-	-	-	1
517	497	-	-	-	-
3,543	3,459	-	-	-	1
775	659	-	-	1	-
2,543	2,042	-	-	-	-
2,935	2,988	-	-	-	-
3,480	2,735	-	-	-	-
635	169	-	-	-	-
10,314	13,488	-	-	-	-
2,247	2,084	-	-	1	-
40,807	41,390	-	-	2	4
-	5	-	-	-	-
114,426	430,051	-	1	7	15
1,320	931	-	-	-	-
8,061	7,138	-	-	-	-
36,324	12,465	-	-	1	-
3,419	1,754	-	-	-	-
-	145	-	-	-	-
1,851	2,177	-	-	-	-
640	221	-	-	-	-

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av.)		1952	1953
MINE		1952	1953	1952	1953
<u>LAS ANIMAS (Contd.)</u>					
Centennial	Frank Znidernick	2	-	100	-
Delagua (Clsd.)	Victor-Amer. Fuel	100	-	53	-
Delagua #5(Clsd.)	Victor-Amer. Fuel	12	-	59	-
Engleville	Guadagnoli Bros.	4	4	237	218
Franklin	So. Blk. Dia. C&Oil	10	9	154	106
Frederick	C. F. & I. Corp.	612	641	199	208
Frisco #2	Alex Abeyta	2	3	84	42
Gem	Guiliano Coal	10	5	180	190
Grey Creek	Morasky Coal & Blks.	4	-	211	-
Grey Creek #6	Morasky " " "	-	5	-	169
Hall-Primrose	Hall Bros. Coal	1	-	63	-
Imperial (New)	Robert Fabec	2	-	45	-
Jewell-Crestone	Green Canon Coal	7	6	174	109
Little Al's(Stark. 6)	Albert Iuppa, Jr.	1	1	135	62
Ludlow (Clsd.)	Huerfano Coal	84	-	56	-
Martinez	Albert Martinez	1	1	108	4
Melonas	Melonas Coal	6	7	155	26
Montoya	Montoya Coal	2	-	106	-
Morley	C. F. & I. Corp.	218	218	193	217
New Primrose	Alex Bisulco	3	2	136	159
Peacock	Peacock Coal	3	3	14	90
Prosperity #2	Pete Pantazes	1	2	255	292
Rapson #2	Taylor Coal Mining	53	22	203	147
Red Glow	Red Glow Coal	1	1	15	43
Riggio #3 (Clsd.)	Nick Riggio	1	-	8	-
Starkville #3	Nick Cimino	2	-	40	-
Starkville #4	Scott-Ruiz	6	6	200	233
Starkville #5(Clsd.)	Sam Gonzales	2	-	16	-
Starkville #7	Nick Cimino	4	3	148	144
Viola	Louis Garcia	3	-	72	-
<b>TOTALS</b>		<b>1,317</b>	<b>1,260</b>	<b>4,761</b>	<b>3,806</b>
<u>MESA</u>					
Blue Flame	Charles Vidmar	3	2	206	229
Cameo	Kerr Coal	44	32	210	216
Farmers-Nearing	Steele Brothers	1	2	114	95
Gearhart	Hughes & Phillips	8	7	223	212
Grasso	Ralph Talarico	2	-	60	-
Hidden Treasure	Ernest Hicks	2	1	186	188

PRODUCTION		ACCIDENTS			
1952	1953	Fatalis		Non-Fatalis	
		1952	1953	1952	1953
138	-	-	-	-	-
21,736	-	-	-	3	-
3,997	-	-	-	1	-
2,824	2,796	-	-	-	-
4,177	3,127	-	-	3	2
433,076	489,705	-	-	16	8
389	271	-	-	-	-
5,955	2,415	-	-	-	-
3,356	-	-	-	-	-
-	3,860	-	-	-	-
20	-	-	-	-	-
225	-	-	-	-	-
3,858	1,988	-	-	-	-
127	97	-	-	-	-
14,538	-	-	-	5	-
232	6	-	-	-	-
2,260	355	-	-	-	-
342	-	-	-	-	-
145,440	196,650	-	-	11	4
713	578	-	-	-	-
64	489	-	-	-	-
458	783	-	-	-	-
51,139	17,138	1	-	6	2
47	172	-	-	-	-
15	-	-	-	-	-
83	-	-	-	-	-
1,599	3,038	-	-	-	-
29	-	-	-	-	-
953	913	-	-	-	-
538	-	-	-	-	-
864,369	1,179,268	1	1	53	31
2,868	2,630	-	-	-	-
74,194	60,065	-	-	2	1
438	450	-	-	-	-
6,342	5,401	-	-	1	-
153	-	-	-	-	-
1,086	2,549	-	-	-	-

COUNTY	OPERATOR COMPANY	MEN		DAYS	
		(av.)		1952	1953
MINE		1952	1953	1952	1953
<u>MESA (Contd.)</u>					
Hunter	Claude O. Halcumb	2	2	102	110
Hy-Grade	Paterson & Johnson	3	3	250	221
McGinley	Eagle Head Coal	4	3	250	260
Riverside	Riverside Farmers Coal	1	-	60	-
River View	Louis Supancic	4	4	191	193
Winger	Clarke Coal	3	2	90	142
TOTALS		77	58	1,942	1,866
<u>MOFFAT</u>					
Knez	Knez Coal	3	2	134	96
Red Wing	Colowyo Coal	39	37	167	141
TOTALS		42	39	301	237
<u>MONTEZUMA</u>					
Montezuma	Glen E. Wilson	2	1	92	100
TOTALS		2	1	92	100
<u>MONTROSE</u>					
Independence	Ammon E. Nix	3	3	238	258
TOTALS		3	3	238	258
<u>PITKIN</u>					
Thompson Creek#1	Thompson Crk. C&C Corp.	7	18	163	275
Thompson Creek#2	Thompson Crk. C&C Corp.	-	7	-	231
TOTALS		7	25	163	506
<u>RIO BLANCO</u>					
Blue Streak	Taylor Coal Mining	18	5	151	151
Gentry #2	William W. Gentry	1	-	34	-
Rienau	Jenkins & Mathis C.	4	3	277	265
White River	White River Fuel	6	5	226	225
TOTALS		29	13	688	641
<u>ROUTT</u>					
Apex	Boscia Coal	2	1	91	136
Arrowhead(Moffat#3)	Arrowhead Coal	57	73	177	96
Block #2	Block Coal	2	2	94	92
Commander Strip	The Commander Strip	-	4	-	122
Crow Bar	Dry Creek Coal	20	21	185	194
Dixie (Clsd.)	Conda Coal	2	-	163	-
Edna Strip	Edna Coal	43	48	138	134
Frank's	Frank Jakovac	1	1	145	105
Harris	Colorado & Utah C.	126	102	156	159
Johnnie's	John Mathews	1	1	119	118
Keystone	Arrowhead Coal (4 Mo.)	105	93	133	34
Keystone	Dunn Coal (4 Mo.)	-	84	-	65

PRODUCTION		ACCIDENTS			
1952	1953	Fatales		Non-Fatales	
		1952	1953	1952	1953
781	956	-	-	-	-
2,330	1,708	-	-	-	-
2,697	2,752	-	-	-	-
126	-	-	-	-	-
4,436	4,222	-	-	-	-
1,382	1,353	-	-	-	-
96,833	82,086	-	-	3	1
1,351	719	-	-	1	-
89,239	89,941	1	-	5	2
90,590	90,660	1	-	6	2
275	427	-	-	-	-
275	427	-	-	-	-
3,083	3,205	-	-	-	1
3,083	3,205	-	-	-	1
7,328	28,283	-	1	1	-
-	7,645	-	-	-	-
7,328	35,928	-	1	1	-
23,978	10,276	-	-	2	1
238	-	-	-	-	-
7,030	6,688	-	-	-	1
9,156	6,302	-	-	-	-
40,402	23,266	-	-	2	2
860	1,286	-	-	-	-
42,891	39,031	-	-	5	7
282	262	-	-	-	-
-	500	-	-	-	-
37,658	35,174	-	-	2	2
736	-	-	-	-	-
153,290	178,887	-	-	-	1
217	106	-	-	-	-
171,146	147,124	-	-	2	4
506	409	-	-	-	-
78,102	18,742	-	-	8	6
-	30,838	-	-	-	1

COUNTY	OPERATOR - COMPANY	MEN		DAYS	
		(Av. )		1952	1953
MINE		1952	1953	1952	1953
<u>ROUTT (Contd.)</u>					
Osage Strip	Osage Coal	35	34	160	110
Ramsay #1	Ramsay Coal	2	-	182	-
Rice	Black Beauty Coal	5	5	160	95
Seven Point Strip (7 Crown)	Dunn Coal	-	6	-	34
Sun	Sun Coal	1	1	211	154
Zenith Strip	Zenith Coal	3	-	50	-
TOTALS		405	476	2,164	1,648
<u>SAN MIGUEL</u>					
Keck-Reliance	William R. Keck	1	1	109	53
TOTALS		1	1	109	53
<u>WELD</u>					
Baum	Bould. Valley Coal	18	21	95	72
Boulder Valley #3	Bould. Valley Coal	64	53	171	192
Eagle	Imperial Coal	92	84	172	204
Erie Strip	Erie Coal	18	14	77	33
Graden	Graden Coal	21	15	157	180
Imperial	Imperial Coal	69	52	84	67
Lincoln	Clayton Coal	41	40	153	177
Morrison	Clayton Coal	66	56	96	27
Shamrock	Shamrock Coal	9	6	94	63
Sterling	McNeil Coal Corp.	43	37	155	165
Washington	Clayton Coal	79	74	212	198
TOTALS		520	452	1,466	1,378
GRAND TOTALS		3,619	3,337	28,132	25,658

PRODUCTION		ACCIDENTS			
1952	1953	Fatales		Non-Fatales	
		1952	1953	1952	1953
193,178	149,913	-	-	-	-
1,854	-	-	-	1	-
6,007	3,794	-	-	-	-
-	9,718	-	-	-	-
443	380	-	-	-	-
1,316	-	-	-	-	-
688,486	616,164	-	-	18	21
155	46	-	-	-	-
155	46	-	-	-	-
23,055	19,078	-	-	-	-
86,451	88,672	-	-	2	3
221,488	220,072	1	-	6	2
30,541	12,819	-	-	-	-
23,351	17,767	-	-	1	2
57,513	41,247	-	-	2	-
45,942	83,336	-	-	2	2
52,250	14,752	-	-	1	2
16,768	10,806	-	-	1	-
60,515	55,428	-	-	3	3
136,909	137,910	-	-	5	1
754,783	701,887	1	-	23	15
3,643,523	3,598,867	5	3	158	121

COAL SHIPMENT AND DISPOSAL

1950

COUNTY	TOTAL TONNAGE	RAILROAD	TRUCK OR WAGON	POWER & HEAT	OUT OF STATE
Archuleta	1,144		1,144		
Boulder	109,565	20,142	88,123	1,300	
Delta	71,560	36,417	33,651	1,492	6,600
Elbert	1,020		1,020		
El Paso	112,986	29,228	61,361	22,397	
Fremont	274,273	56,779	216,577	917	11,647
Garfield	49,401	9,780	39,621		417
Gunnison	401,990	320,092	73,409	8,489	109,245
Huerfano	304,730	253,661	50,241	828	18,263
Jackson	18,324	9,673	8,651		625
Jefferson	10,881	5,917	4,629	335	
La Plata	46,685	10,341	36,303	41	
Las Animas	965,904	897,908	52,727	15,269	5,972
Mesa	88,437	55,468	32,545	424	50
Moffat	125,743	108,230	17,513		40,820
Montezuma	1,598		1,598		
Montrose	32,349	4,226	28,123		
Pitkin	6,873	6,400	473		
Rio Blanco	39,696	25,344	14,313	39	5,116
Routt	832,928	765,842	44,917	22,169	300,020
San Miguel	422		422		
Weld	778,378	487,633	284,141	6,604	3,342
TOTALS	4,274,887	3,105,826	1,088,757	80,304	502,137

SIZES, GRADES BY COUNTY

1950

MINE RUN	LUMP	EGG	OTHER GRADES	NUT	PEA	SLACK
328	613				156	47
1,871	12,025	22,017	1,842	4,136	8,571	59,103
2,106	25,710	459	2,833	16,084	1,386	22,982
	703		5	193	99	20
5,978	12,423	7,928	402	9,118	622	76,505
91,507	61,166	2,683	2,874	26,847	28,555	60,641
6,914	8,781		88	1,912	1,479	30,227
169,864	69,220	71	18,616	24,641	3,932	115,646
68,735	34,489	1,679	132,276	17,311	1,506	48,734
9,367						8,957
7,431	622	713	25	171	780	1,139
24,947	9,741			2,319	1,497	8,181
155,924	17,949		5,946	13,815	185	772,085
19,861	13,091		415	4,958	598	49,514
3,078	37,770	16,552	20	5,379	4,082	58,862
501	456					641
30,775	1,255		66	81	138	34
						6,873
2,237	11,303		5,586	4,866	602	15,102
98,085	164,894	10	107,791	90,309	55,597	316,242
	360					62
681	151,210	67,028	5,594	10,615	49,390	493,860
700,190	633,791	119,140	284,379	232,755	159,175	2,145,457

COAL SHIPMENT AND DISPOSAL

1951

COUNTY	TOTAL TONNAGE	RAILROAD	TRUCK OR WAGON	POWER & HEAT	OUT OF STATE
Archuleta	1,194		1,194		
Boulder	113,012	23,075	88,789	1,148	
Delta	75,267	45,202	29,014	1,051	
Elbert	587		587		
El Paso	89,622	12,666	57,889	19,067	
Fremont	281,937	73,257	208,567	113	
Garfield	39,649	3,613	36,024	12	
Gunnison	338,071	253,485	60,005	24,581	41,456
Huerfano	311,812	266,764	44,235	813	25,000
Jackson	3,354	817	2,537		50
Jefferson	6,374		6,374		
La Plata	41,936	9,131	32,799	6	
Las Animas	998,455	933,054	47,894	17,507	5,510
Mesa	93,749	59,158	34,501	90	
Moffat	110,275	88,871	21,404		37,757
Montezuma	1,222		1,222		
Montrose	2,419		2,419		
Pitkin	8,468	2,000	6,466	2	65
Rio Blanco	36,407	24,932	11,425	50	16,025
Routt	678,698	624,676	43,478	10,544	239,811
San Miguel	170		170		
Weld	879,267	583,180	287,048	9,039	1,848
TOTALS	4,111,945	3,003,881	1,024,041	84,023	367,522

SIZES, GRADES BY COUNTY

1951

MINE RUN	LUMP	EGG	OTHER GRADES	NUT	PEA	SLACK
199	655				156	184
767	10,388	24,915	1,392	4,797	10,017	60,736
3,419	19,963	101	803	16,652	560	33,769
	370		3	142	72	
3,030	7,056	6,391		6,159	390	66,596
73,389	68,285	2,240	316	28,655	27,126	81,926
6,459	6,082		141	2,202	573	24,192
114,201	61,605	117	7,577	19,653	2,552	132,366
58,809	29,248		158,524	14,071	1,327	49,833
3,354						
	253	363	145	384	1,370	3,859
25,763	7,339		111	1,223	694	6,806
212,986	16,499	407	9,569	5,290	960	752,744
21,638	8,006		95	4,666	665	58,679
	31,577		26	18,955	2,192	57,525
373	364					485
724	1,343			213	123	16
2,505	1,201			40		4,722
574	11,370		4,574	4,734		15,155
183,606	110,968	21,828	71,890	64,302	60,683	165,421
170						
14,467	84,518	88,179	8,881	1,698	64,116	617,408
726,433	477,090	144,541	264,047	193,836	173,576	2,132,422

COAL SHIPMENT AND DISPOSAL

1952

COUNTY	TOTAL TONNAGE	RAILROAD	TRUCK OR WAGON	POWER & HEAT	OUT OF STATE
Archuleta	677		677		
Boulder	78,958	20,850	57,358	750	
Delta	64,162	39,583	23,270	1,309	
El Paso	72,046	8,361	42,381	21,304	
Fremont	203,724	50,583	153,051	90	6,801
Garfield	43,274	4,292	38,982		
Gunnison	341,302	252,568	84,126	4,608	10,515
Huerfano	248,261	206,314	41,096	851	24,441
Jackson	2,415	1,055	1,360		
Jefferson	1,593		1,538	55	
La Plata	40,807	8,772	32,034	1	34
Las Animas	864,369	802,014	49,039	13,316	5,139
Mesa	96,833	62,840	33,503	490	
Moffat	90,590	73,864	16,726		26,034
Montezuma	275		275		
Montrose	3,083		3,083		
Pitkin	7,328	5,677	1,651		5,677
Rio Blanco	40,402	20,000	20,381	21	20,784
Routt	688,486	636,788	42,844	8,854	186,603
San Miguel	155		145	10	
Weld	754,783	467,679	279,619	7,485	498
TOTALS	3,643,523	2,661,240	923,139	59,144	286,526

SIZES, GRADES BY COUNTY

1952

MINE RUN	LUMP	EGG	MISC. GRADES	NUT	PEA	SLACK
67	405			8	109	88
	7,352	18,354		5,263	6,762	41,227
741	22,554		1,357	16,074	521	22,915
2,025	4,840	4,978		4,204	482	55,517
54,686	53,883	2,397	1,930	24,172	12,342	54,314
6,219	6,599	24		460	1,317	28,655
92,051	68,869	46	4,948	24,681	2,797	147,910
19,685	28,355	17,351	132,593	20,032	531	29,714
2,415						
	126	10	27	134		1,296
17,392	15,120	37	78	1,256	292	6,632
92,391	13,771	6,646	3,707	4,498	186	743,170
21,388	7,189		1,035	4,060	615	62,546
	24,297			17,341	29	48,923
	157					118
1,237	1,487			205	82	72
7,328						
2	10,857	4,378	2,075	6,114	2,574	14,402
58,500	120,595	81,274	41,640	84,929	96,389	205,159
155						
1,637	67,359	103,454	2,682	953	38,204	540,494
377,919	453,815	238,949	192,072	214,384	163,232	2,003,152

COAL SHIPMENT AND DISPOSAL

1953

COUNTY	TOTAL TONNAGE	RAILROAD	TRUCK OR WAGON	POWER & HEAT	OUT OF STATE
Archuleta	738		738		
Boulder	49,821	7,829	41,343	649	
Delta	57,714	34,611	22,052	1,051	3,241
El Paso	56,324	4,688	36,700	14,936	
Fremont	176,087	43,401	132,555	131	5,970
Garfield	36,062	720	35,325	17	
Gunnison	304,622	224,062	78,931	1,629	84,761
Huerfano	140,339	103,582	35,243	1,514	17,702
Jackson	2,833		2,833		
La Plata	41,390	10,792	30,567	31	30
Las Animas	1,179,268	1,129,423	32,445	17,400	6,706
Mesa	82,086	48,654	33,279	153	
Moffat	90,660	77,393	13,267		29,271
Montezuma	427		427		
Montrose	3,205		3,201	4	
Pitkin	35,928	35,928			35,928
Rio Blanco	23,266	9,000	14,264	2	7,212
Routt	616,164	569,696	39,532	6,936	132,057
San Miguel	46		46		
Weld	701,887	376,364	319,519	6,004	309
TOTALS	3,598,867	2,676,143	872,267	50,457	323,187

SIZES, GRADES, BY COUNTY

1953

MINE RUN	LUMP	EGG	MISC. GRADES	NUT	PEA	SLACK
188	444				66	40
	4,532	11,803	233	3,861	4,483	24,909
5,920	16,814			10,106	364	24,510
1,979	3,225	4,161		2,108	191	44,660
72,297	27,276	1,170	1,607	12,512	2,877	58,348
6,516	4,603	81	17	550	295	24,000
98,980	48,353	28	946	21,235	67	135,013
7,180	19,365	10,698	70,010	9,206	91	23,789
2,833						
25,936	7,762			680		7,012
16,437	10,797	5,249	64	2,921	79	1,143,721
19,062	7,154	9	1,910	3,789	452	49,710
	23,548			15,252	36	51,824
427						
1,539	1,210			225		231
35,928						
	4,834	2,877	308	3,371	828	11,048
5,000	95,615	73,818	48,363	65,996	91,138	236,234
46						
745	57,199	96,571	985	7,412	30,598	508,377
301,013	332,731	206,465	124,443	159,224	131,565	2,343,426

MECHANICAL LOADING

COUNTY	MECHANICAL LOADERS								TONS OF COAL TOTALLY LOADED BY MECHANICAL DEVICES (None or very little hand labor)	
	SHAKER TYPE	CHAIN CONVEYORS		MAINLINE		MOBILE		POWER SHOVELS		SMALL PORTABLE CONVEYORS
		SHORT FACE	ROOM LENGTH	BELT	CHAIN	TRACK	CATERPILLAR			
Archuleta										
Boulder	15								10,426	
Delta	2					1			25,227	
El Paso	1						2		51,640	
Fremont	23	5	9		3		4	2	84,952	
Garfield	2	2					1		1,500	
Gunnison	14			4			6		199,767	
Huerfano	25		7		1				20,435	
Jackson										
La Plata	1									
Las Animas	48	2	12	6			6	2	447,189	
Mesa	14							1	60,065	
Moffat							1		89,941	
Montezuma										
Montrose										
Pitkin		1						2		
Rio Blanco	6	2	2				5		23,266	
Routt	63	3	8		4		1		258,059	
San Miguel										
Weld	16			1			13	7	554,078	
TOTAL	230	15	38	11	8	1	39	2	12	1,826,545

By Continuous Miners, Weld County only

117,223

COLORADO 1953

TONS OF COAL HAND LOADED ONTO MECHANICAL DEVICES	MINING MACHINERY							TOTAL TONNAGE
	UNDERCUTTING	ELECTRIC SHEARING	COMBINATION UNDERCUTTING AND ELECTRIC SHEARING	ELECTRIC DRILLS	COMPRESSED AIR CUTTING MACHINES	COMPRESSED AIR DRILLS	CONTINUOUS MINERS	
				1				738
39,395	19			20				49,821
3,121	7		2	10	1	2		57,714
	3			5				56,324
55,677	43			43				176,087
11,157	4			15		2		36,062
65,169	28		1	33		1		304,622
90,311	50			32		4		140,339
	1			1				2,833
13,488	12	1		8				41,390
141,937	55		6	51		82		1,179,268
15,506	18	1		18				82,086
	4			9		8		90,660
								427
	1			1				3,205
35,928				6		2		35,928
	8			10				23,266
18,310	84			75				616,164
	1							46
17,767	69	1	1	83			5	701,887
507,766	407	3	10	421	1	101	5	3,598,867

FATAL ACCIDENTS IN 1950

DATE	NAME	COMPANY	MINE	COUNTY	CAUSE
1-3	Leroy W. Walker	Walker Coal	Canon Monarch #3	Fremont	Electricity
2-1	Rudolph Garcia	Huerfano	Ludlow	Las Animas	Fall of roof
6-28	Toby Martinez	Toby Martinez	Starkville #3	Las Animas	Explosion - Carbide drum
7-11	Amando Gomez	C. F. & I. Corp.	Kebler #2	Huerfano	Fall of roof
8-25	Fred Grubich	Keystone Coal	Keystone	Routt	Fall of rib
9-7	Donald F. Henderson	Victor-American Fuel	Wadge	Routt	Fall of roof
11-6	Jerry W. Roberts	Ernest Hicks & Son	Hidden Treasure	Mesa	Fall of roof
11-6	L. B. Bedient	Ernest Hicks & Son	Hidden Treasure	Mesa	Fall of roof
11-15	Walter L. Benson	Osage Coal	Osage Strip	Routt	Caught between trucks
11-18	Refugio Gonzales	Anthony Parra	Caddell #2	Huerfano	Fall of roof

NOT CHARGED TO THE INDUSTRY

1-17	Walter Snair	Black Diamond Fuel	Black Diamond #2	Boulder	Heart attack
1-31	Miles McKenna	So. Blk. Diam. Coal & Oil	Franklin	Las Animas	Heart attack
3-18	Jose L. DeHerrera	Higinio Cordova	Boncarbo	Las Animas	Heart attack
5-19	Phillip A. Martinez	C. F. & I. Corp.	Frederick	Las Animas	Unknown
5-22	Richard Pappas	Kerr Coal	Cameo	Mesa	Heart attack
11-13	George Mann	Clayton Coal	Morrison	Weld	Heart attack

FATAL ACCIDENTS IN 1951

2-5	Albert J. Guarienti	C. F. & I. Corp.	Frederick	Las Animas	Haulage
4-28	Joseph Hazelbaker	Colowyo Coal Co.	Red Wing	Moffat	Fall of roof
7-18	Pablo Armendarez	Huerfano Coal Co.	Ludlow	Las Animas	Fall of roof
11-13	Herman J. Marcum	Colowyo Coal Co.	Red Wing	Moffat	Fall of face
5-31	John Cornali	Major Coal Co.	Major #2	Huerfano	Heart attack

FATAL ACCIDENTS IN 1952

<u>DATE</u>	<u>NAME</u>	<u>COMPANY</u>	<u>MINE</u>	<u>COUNTY</u>	<u>CAUSE</u>
1-21	Florendo Felice	Taylor Coal Mng. Co.	Rapson #2	Las Animas	Fall of roof
2-18	Thomas L. Franklin	Colowyo Coal Co.	Red Wing	Moffat	Haulage
4-17	Edward Martinez	C. F. & I. Corp.	Kebler #2	Huerfano	Tipple mach.
7-29	Erwin C. Brinlee	Caldirola Mining Co.	Caldirola #2	Fremont	Fall of roof
12-17	George Maronich	Imperial Coal Co.	Eagle	Weld	Fall of roof

NOT CHARGED TO THE INDUSTRY

2-11	Arthur Cook	Colowyo Coal Co.	Red Wing	Moffat	Unknown
2-2	John Golman	Clayton Coal Co.	Washington	Weld	Unknown
7-29	Joseph Jordan	Clayton Coal Co.	Washington	Weld	Heart attack

FATAL ACCIDENTS IN 1953

1-7	Celso Chavez	Leader Coal Co.	Leader #2	Huerfano	Fall of rock
11-9	Frank Yandell	Thompson Crk. Coal & Coke Corp.	Thompson Crk. #1	Pitkin	Haulage
12-29	Davis L. Yob	C. F. & I. Corp.	Allen E. Portal	Las Animas	Fall of rock

### ACCIDENT STATISTICS

	Fatalities			Non-fatalities		
	1950	1951	1952	1950	1951	1952
Fatalities	10	4	5			
Non-fatalities				190	197	157
Per 1,000 employed	2.07	0.94	1.37	39.28	46.13	43.25
Men employed per injury	483.63	1,067.8	726	25.46	21.68	23.12
Tons of Coal per injury	427,489	1,027,986	728,704	22,499	20,873	23,207
Per million tons of coal	2.33	0.97	1.37	44.43	47.99	43.09

### Four Year Comparison of Accidents, By Cause

CAUSES	Fatalities			Non-fatalities		
	1950	1951	1952	1950	1951	1952
Falls of roof	6	2	3	40	47	28
Falls of roof (Machine knocking out post)	-	-	-	-	-	-
Fall of face or rib	1	1	-	27	19	16
Falling objects	-	-	-	14	11	11
Falls of persons	-	-	-	11	10	9
Handling materials	-	-	-	22	21	20
Hand tools	-	-	-	6	11	11
Striking against objects	-	-	-	6	2	1
Haulage	1	1	1	29	34	29
Explosions of gas or coal dust	-	-	-	-	-	-
Explosives (not included in above)	-	-	-	-	1	4
Electricity (not resulting in explosion)	1	-	-	2	4	1
Machinery	-	-	1	20	29	14
Jack pipes	-	-	-	11	6	8
Railway cars and locomotives	-	-	-	1	1	2
All others	1	-	-	1	1	3
Totals	10	4	5	3	190	157

COAL PRODUCTION IN COLORADO FROM 1873 to 1953 INCLUSIVE

<u>Year</u>	<u>Tonnage</u>	<u>Year</u>	<u>Tonnage</u>	<u>Year</u>	<u>Tonnage</u>
1873	69, 977	1900	5, 495, 734	1927	9, 781, 580
1874	87, 372	1901	6, 021, 405	1928	9, 921, 585
1875	98, 838	1902	7, 522, 923	1929	9, 934, 064
1876	117, 666	1903	7, 775, 302	1930	8, 238, 094
1877	160, 000	1904	6, 776, 551	1931	6, 604, 063
1878	200, 630	1905	8, 989, 631	1932	6, 616, 525
1879	322, 732	1906	10, 308, 421	1933	5, 284, 872
1880	375, 000	1907	10, 965, 640	1934	5, 251, 003
1881	706, 744	1908	9, 773, 007	1935	5, 953, 601
1882	1, 161, 479	1909	10, 722, 490	1936	6, 868, 801
1883	1, 220, 593	1910	12, 104, 887	1937	7, 222, 092
1884	1, 130, 024	1911	10, 197, 595	1938	5, 730, 291
1885	1, 398, 796	1912	11, 016, 948	1939	6, 002, 125
1886	1, 436, 211	1913	9, 268, 939	1940	6, 673, 359
1887	1, 791, 735	1914	8, 201, 423	1941	7, 008, 037
1888	2, 185, 477	1915	8, 715, 397	1942	8, 131, 764
1889	2, 400, 629	1916	10, 522, 185	1943	8, 372, 683
1890	3, 075, 781	1917	12, 515, 305	1944	8, 202, 401
1891	3, 512, 632	1918	12, 658, 055	1945	7, 656, 612
1892	3, 771, 234	1919	10, 406, 543	1946	5, 928, 823
1893	3, 947, 056	1920	12, 514, 693	1947	6, 381, 016
1894	3, 021, 028	1921	9, 141, 947	1948	5, 682, 512
1895	3, 339, 495	1922	10, 003, 610	1949	4, 578, 170
1896	3, 371, 633	1923	10, 336, 735	1950	4, 274, 887
1897	3, 565, 660	1924	10, 501, 088	1951	4, 111, 945
1898	4, 174, 037	1925	10, 440, 387	1952	3, 643, 523
1899	4, 826, 939	1926	10, 616, 760	1953	3, 598, 867







