





THE MOFFAT TUNNEL

A Brief History





By Charles Albi and Kenton Forrest





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PROGRAM Ceremonies at Opening of the Moffat Tunnel

FERRICAN 20, 1925 — EVT PINTAL COLO.

If P.M.—Invocation by The Reverend Charles Manhall.

If P.M.—Diving of the Gold Spike by as Governor Obser H. Shongs an

M. Turoel Commission.

M. Turoel Commission of The Revenue of The Revenue of Times, R. Freedown Provider.

M.—Addoor by Honorable Cilore H. Sheng, ex-Greenor of Colorada.

M.—Addoor by Honorable Cilore H. Sheng, ex-Greenor of Colorada.

M.—Addoor by Bosenable Wilkins H. Adine, Covernor of Colorada.

M.—Addoor by Bosenable Dale F. Ballenon, Mayor of Say, Lover Corp.

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Time Table for Pirel Passenger Train Through the Medfor Tunes
Time Table for Pirel Passenger Train Through the Medfor Tunes
Plant State
10 Aug. | 1975 | 16 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955 | 1955

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THE MOFFAT TUNNEL

A Brief History



Albi and Kenton Forrest

Colorado Railroad Museum Box 10, Golden, Colo. 80402



ACKNOWLEDGEMENT

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Colorado Railroad Historical Foundation, Inc.

Foundation is a non-perfit Colorado institution organized to operate and perspectual the Colorado Ballmad Masseum,
neutra was entablished in 1986 by Bobert Schraubon and Corestian Basch, the this preservation of Colorado inspect will
foundate in the work of the Pussadania and Masseum is correctly adolescy as inspective of their generation.

Davis, Kenton H. Forrest, Cornelius W. Hanck.

Thru
The Moffat Tunnel

O-DOVER IS LIMITARIA, CA. 200 MOTHS IN Leave Deaver \$100 A. M. Returning, Arrive Tenner \$165 P. M. Per Information, Call MAIN 2002

The Denver & Salt Lake Ry. Co.

the Colored Railred Masses

Charles.

Bhiliography: p. 1 McGal ternel, I. Porrest, Konzas, joint author II. Talo. The State of the Sta

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THE MOFFAT TUNNEL

A Brief History

EARLY ATTEMPTS TO
PENETRATE THE DIVIDE

In 1881 Medfat's name a of the Denver, Utah & P posjected up Scath Readfer Grande Western in Utah, shortly sold the DUAP to just completed its line inte pecting that this road week through the monatains. Hi unable to locare a frasible beset with other problems, in the spring of 1883, Geome Denver & Rio Grank, in or Western is Utah, annally or Western in Utah, annally or

> In that same year, the Colorado Midland, under the leadership of James J. Hagerman, commenced building a standard gauge railroad west from Colorado Springs.

There was, because on our any whose density become Three was, because on the short board failing building, but failing but fined by the lattice between the sea of the behavior of the sea of the

David Meffet relaxes at his desk at some time during the years when he was building his Dencer, Northwestern & Pacific Builings scross the roof of the continent.





The Maffat Depot at 13th and Bassett Streets in Denver, shown kere in about 1905, served until the densine of the Denver & Salt Lake Rollway in 1827.

DARGO began to widen its parage and to boild an improof main line were its Termsnere Beam and Landbild. In offerth become president of the Rio Grande in late 1885, and both he and Dalmer feel their importance of renewing, the effect to 16st 4 direct roate west of Denser, Usfortunery, thereaph awarey of the entire droke failed to reveal a practical mear and the DaRG-directory in Newfeek (Giy could not be persualed in pur mere menery in the project. The this and fire other differences in opinion, 16effer was retrorted as receivable of the and in 1891.

During the last decide of the 70th corruny, Modific specimenth one in New York and nurseque; in Emerge, and his necessit in his calmed proper operatingly assist, was larger about plan and the profit of the lastess on the Atlantic and Profit. Turnet to be both above Georgiano moder Lendard Daw Many investtos were entited by the hope of pera wealth that would also decided to the profit of the profit of the procuration and from results drauged the associated contribution and from results drauged the associated Denser, Apric & Western Baltimod Bocked by H.A. W.

Two years harr, Multir cosposord with W. G. Davin, as a loader of the Deserve A Newthernest Raklary, an electric lies us be belt in sections to Sal. Lake Gry with except the section of the section of the section of the contrast profitable. Before: almost west when the relation of the contrast profitable lies with the section of the contrast profitable lies and between the contrast profitable lies and between the contrast profitable lies and late of the late of the contrast lies deem to discuss the late of a southeaf page secure national on the late of the contrast lies deem to discuss the late of the late of

MOVERAT BOAD

Finally, in early 1902, David Mothe announced his nonmenous decision: "Il have decided to build a some iliboud from Denver to Suk Lake Cop," He was Giyear Id and renilized that time was running out for him to dfill his ambition. The Dervore, Northwestern as acidic Railway was incorporated on Jaly 18, 1931 with Oligham G. Evens, Walter S. Obecama and Olarle's lughes, Jr. arreng the principal investors along with forther

The terror steep of Diest Montars strenger to tead to a real-rod, virtually with an estable sometimes, is well or a real-rod, virtually with an estable sometimes, is well of max and functe worked against him at every our time financial sometimes of the strenger from his stockness on the Diester, and the Utakin Pacific in the consocious in Dermer, and the Utakin Pacific in the consocious of EH Hermanians not it and these would be no accurate of the pacific in the source of the Mermanians not it and these would be no accurate in Diester and the state per-consil feet and the state per-consilient and the state

He was formane in gaining the services of a bellium forming enginer. He A Sornee: While prior amongos in building a railmost up South Busslee Carons had failing a railmost up South Busslee Carons had failted due to the remote hel rising at a case with which the trailmost gaske could not keep noue, Sormer can be lawsessed of Dornee. He was able to gain elevation and when the contract of the country of the country of country of the country of the country of was a series of numeric north country of country of the country of the





necessary for two relaty asses: fixes to confinantly shattle over Ballius Pisse in order to keep the railors open above timberlius. (Mrs. Louis A. Larren Collection)

Summer than proceeded with the "temporary" liover Rellins Pass. Doubling the grade to four percerabove the location of the originally proposed 2.6-mil main ronge tunnel, he achieved Middle Park via spectacular roter above timberline and the bighest rairoad pass on the North American Continent at 11.66.

the Milit Roul is over of the most peptial sectic rail, and risp in a state interply hosting for many operation at ourse, and the Milit tild registered the abstrages at ourse, and the Milit tild registered the abstrages before the family attentional, and our seed the register passing terms filled that mass specials were not on extensive percept in the rainfal and a darker before the register passing the rainfal and a darker before tilter tilt. The Milit are ene capitalized on one of the greatest returns, whereby the rainfal and a darker percept tilts. The Milit are not operating contact to greatest returns, whereby the works by the register, or this darker is a factor of the contrast rainfal and the return of the darker tilt. The Milit are not operated to the result of the return of the darker tilt. The Milit are not operated to the return of the darker tilt and the return of the darker tilt and the return of the return of the darker tilt and the return of the return

By 1907, min had been extracted on through Mikille Park to Kernmilies, where another obtaics bound. Goare Carons, the only feathle neater to the west, had been controlled to the Unife States Department of the Interior as a recercioi site. After much lagd innonverse, in a developed that the power company proposed to the proposed of t

action. Although he was reposed jost terte to be the wealthiest man in Colocado olds were exhausted and while in New York toing so raise money to build his tunnel and railroad westward, he died on Mitch 18

3 as the Denver & Salt Lake Radroud under the tenhip of Charles Roettners and Modifac's oil apocifiers of the Charles of the Charles of the Charles Grand Hoghes, with Newton Erb as president with Medira ded with his drawn architelled but the rist of his project lived on with his associares and the n who had worked for him.
The railword was finally exercised to Craise in 1915.

The railwad was finally entended to Craig in 1915, this numed us to be the and of the inc. The trereduced to dispersing over Rollins Fass consumed by vary april. The line was adapte to some Modeches of the construction of the construction of the solid to receive a size in the line of the construction of solid fine received by under Execute and W. R. comms. The only hope of completing the line and line is a visible before in developing the entirely in ved by in construction of the main range stated, but the construction of sourced all poulse, there were no fixeds available for project.

The hart stope of breating the deforms more into World Wey I are reproperly coal and of I from out-weeker Wey I are reproperly coal and of I from out-weeker Calendo had emphasized the laws success Calendo had emphasized the laws and the coal and the co

HE MAIN RANGE TUNNEL

Moffar, finally provided the means for overcoming the opposition to financial support by the State for contraction of the Moffar Turned. On the evening of lare

ction of the Moffar Tunnel. On the evening of June 1921, a devastating flood caused by beavy rains in the per Arkanan River Valley descoped the central siness district of Pueblo, resulting in over \$16,000,000

The Moffat Tunnel Improvement District was established, including within its boundaries the Gity and County of Denver and all or part of each county served by the Denver & Salt Lake Railway, with the authority to key taxes and issue bonds secured by real estate within the district Converse Stoom, assumed as the



This Jane 10, 1827 Dencer & Solt Lake timetable shows the final schedules so the old Rollins Pass line

original Mollig. Turnel Contrassioners William F.
Robinson, Charles MacAllorer William F.
Robinson, Charles MacAllorer William R.
Bilayon, of Denece, Charles H. Lecknerly of Securabous
Springs and Charles H. Wheeler of Yarapa. To deserration the legality of the legalities, a friendly saw awa filed at the Denriet Court in Goldón, Jettleson Conop., in Jaly. With Aimstan utsherol of speech the ozonex worked its way though the court system and on June 11, 1923, the United States Superne Court affirmed the y to support a private enterprise. Within two s the inital bond issue of \$6,720,000 was sold and

The contrast was awould as Hicknock at Titality, if the first was the contrast was awould be relatively as the Marife Balad. A street had been can be previous such to the Balad Balad. As every had been can be previous part by design and the contrast because the season of the configuration because the special possible cancer because the special contrast to the season of the configuration of the season of the contrast to the con

Controllation and we were already and increases facilities. As should, heaping, and secretaries facilities. Although there was some problem with garding and stacked, heaping, he had been provided as the former annual or the work force was guestrile highly and the force of the force of the stacked and the source of the sour

It was vital to get "underground" before the winner of 1923-34 set in, so excussion was began without propriatings or certain feel and of the food of the excussion set and the food of the excussion set and the food of the excussion feel and under the set of the food of the excussion feel and the food of t

Actual construction involved the codiess repection of the cycle of drilling, blasting matching (debtirenseal), sularging the bore and setting trithers. Worl proceeded around the clock and a few feet of progress were made on each eight-hour lifts. Electric power we used for drilling, for powering the ventilating fasts and for ransing the narrow gauge crass that brought is

ATTERED ROCK AND UNDERGROUND

solded from retremedous underground pressure. As work advanced, 17° x 12° arrivers pars wy rache the street. Even the naturel line begin to bodde and week granted. Pressurably, rittering was regulated by sord granted from the case of the street of the st

Then, on February 28, 1905, the most acriuss water trooble was reconstructed to substody that the now vece forced to abundon their machinery and run for their likes. Since work had passed the appea, the named soon filled with water and most. Huge centrifugal pumps were ranked to the acron, and the water had almost entirely drained when a severe blizzard cut power limits leading to East Prent. The shaft immediately filled again. The flow of water exercially occuped to the most hardrend and several thousand few of the named hard hardrend and several thousand few of the named hard.

By this size week is the wear peruli and had been vireasily bought to a half by abever goodage conditions. Engineers, construents and workers were reremently discouraged. Google Lewis, a mine masager with long experience in the Cripte Crost Dearst, had been appointed general manager of the Miffer Unstell. When all other these had linked the convolved the Lovis Troucking, Construct editors. This proved to be the reresolvent and the contraction of the Cripter of

the girder was a device that excavated the top of the named heading and then supported the named roof while the hore was enlarged become

Work was now all traingue on the source at a reasonable poor.

Work was now the evening of July 36, 1950, the man see a source of the earliest attention of the salest attention to the first attention of the alloud strengt just be not cross or 9, Wear Proct. See most week likely attention of the alloud strengt just be not cross or 9, Wear Proct. See most week likely attention of the alloud strengt just be not cross of the worder when the models or well most offer or worder when the models or well most offer or well and some offer or worder when the models or well most offer or worder when the models of the model of the mod

are just wedges at each lear of the water tuned could hear the blooding at the opposite face. On the particular of the particular times are the particular face of the particular times and the opposite facing. The particular times are particular to the particular times of the particular times are particular times are particular to particular times are times and times are particular tim

rmonies were held. Dignitaries headed by Colorado rector William H. Adams and Salt Lake Gry Mayor rector C. Neslen traveled by special train through the





Pacific Railmads. While the WP was in favor of the

was only thirty-eight miles in length through relatively

Much work still had to be done in order to bring the

reopened by the end of the year, a traffic blockupe



Name	Construction Period	Length In Miles	Boring Months	Average Daily Progress (Feet)	Completion Cost	Location
Mr. Cenis	1857-1870	7.97	157	4.4	\$15,000,000	France - Italy
Hoosac	1858-1874	4.75	241	3.0	10,000,000	Massachusetts
St. Gotthard	1872-1882	9.26	88	6.2	11,500,000	Switzerland - France - Italy
Arlberg	1890-1883	6.20	-60	13.6	5,900,000	Austria - France
Simplon	1898-1905	12.40	78	13.7	15,700,000	Swiggerland - Italy
Loeischberg	1905-1911	9.30	54	14.2	10,300,000	Switzerland
Connaught	1915-1916	5.02	22	21.1	6,000,000	British Columbia
Moffat	1923-1927	6.21	48	21.0	15,600,000	Colorado
Cascade	1926-1929	7.79	37	36.9	15,000,000	Washingson

On Aprill 11, 1937, the Denser it Saft Lake was merged with the DARGW, which cares out of exciser ship on the some day. The continued prosperay of the Marine Tournel Soute was synthological with the safe the California Zephyr replace for all Exposiions Thyre as the present reason of CHSQ DARGW We Chinga to California soute. The Zephyr rinder through New York San Francisco despite goes, and the turin south bearine one of the most peoplar in the turin south bearine one of the most peoplar in the

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Responsible and able transgement by the trousd correlations confirmations control over the years ablieved the discontinuations of all tax levels within the district and of the continuation of the control of the contr



The Mollis Turnel is desired for the foreseable titree to proide a raige transportation army for two memorials was the property of Choused and promotines with the property of Choused and the West, could not sure. Today, several wealth trains of the West, could not sure. Today several wealth trains of the West, could not support to choose Checkedo to supply of which could for the populated eastern slope of the wast and host oral speriors do not relapsered to exhibit the could be not adapted to the configuration of the West States. We would not the wealth of the work of the wealth of the West States when the work of the West States was the work of the West States when the West States was the West States which was the West States when the West States was the West States was the West States when the West States was the West States when the West States was the West States was the West States was the West States when the West States was the West States was the West States when the West States was the West States was the West States when the West States was the West States when the West States was the West States which was the West States was the West States was the West States



love) This marrow gauge one-gard air dichter soon at It Fortal is August 1925 ma one of the wore actificialism sool by the based outrectors. Had it survivaies must have been a unique exhibit for may related newse. (Maffett Throad Commission) (Left) An unvertified Miffett Bond 2-6-9 pashes an impension in through the natures part of the turnul, prior to the follation of coverete lining. We own and offer for prompt delivery

Moffat Tunnel Bonds

To Yield Five Per Cent

District includes City of Denver. Bonds payable from ad valorem taxes. Exempt from Federal Income Tax and Colorado Property Taxes. Place your orders with us

Bosworth Change 60

NVESTMENT SECURITIES - 17th & CALIFORNI

7 This September 10, 1523 nessepaper adverned is typical of many that were placed by Desmentured brokers. All four bond issues sold out thy (Maffat Turnel Commission)





Atherm, Robert G., Rebel of the Rockies, Yale University Press, New Hoven, 1962. (Available in paperback and the title? The Deserce & Rio Genide Wessern Rallanda, University of Nebraka Press, 1977.) Bellinger, Edward T., Bails Than Climb. The Redal Press, Same Fe, 1989; revoked extition, Calendo Railward.

Bollinger, Edward T. and Frederick Buser, The Moffia Road, Sage Booles, Denver, 1962.

Buser, Harold A., The Ginn's Ladder, Kalmbach Publishing Co., Milwanker, 1962.

McMechen, Edgar Carlair, The Mottar Tunnel of Colorado, Wahlgreen Publishing Co., Derner, 1922.
Thoda, Jackson C., A Consary of Passenger Tenins, Rocky Moennin Railroad Clab, Denver 1972. (Raprinted from the Denver Poise of Wostersens 20th Annual Brand Fook).

Various newspapers, scrapbooks, timetables, folders and maps in the files of the Molfat Turnel Commission, Deaster, the Burary of the Colorado Rulroud Museum, Golden; and the Western History Department of the Deriver Public Library.



EAST PORTAL

There are passed illustrated for early stage of contribution of fixed five-flat during \$2.0000.44, fixed paring for a present circuit of the energy fixed in the paring fixed makes over hallows. First, the two weaps, these is the energy fixed fixed fixed fixed fixed fixed fixed for the paring fixed fixed fixed fixed fixed fixed for the paring fixed fi







norm is convered by a long concrete assumabled the behind the portal island. Libera: right! Small is a from the busined transferred their leads to be for guid copiestly core that took the defens out of full treats. To the right is one of the stame disks of until electric tralley knownotives arrived. (Bet C, the David H. Moffat, power with a londed bray reported arra.





























The two photographs at the left illustrate the executions greener. The timber real area with corelated and dry pooling in placed them the bere in sintent electron. Cross execution green, and the timber to the state of the monitor that the state (right, which at the store right, the field a solid root for the state large large levels, and the state of the



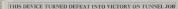














East Portal

Celebration July 4th Given by East Portal Athletic Club

BIC SMOKER Boxing, Wrestling and Blanket Wrestling

3:00 P.M.

Admission \$1.00 Plus War Tax Ladies Free FREE PICTURE SHOW FREE

BIG FIREWORKS

Free Free

MIP.M. Hard Time Dance SOUP.M.

Prize for Best Costume Admission \$1.00 Plus War Tax Ladies Free

Refreshments Free













WEST PORTAL



















The brand contractions used an internating continuation of unitard and seochoscial power. Framer of harmal hands in the uniform section of the West Preval camp as seen free the type of unitard the section of the West Preval camp as seen free the type of unitard to section of the West Preval camp as seen free the type of unitard to section of the West Preval camp as seen free the type of unitard to section of the West Preval camp as seen free the type of the photograph.



By early May 1927, the framing work for the concrete











LAST BARRIER IS HOLED THRU

Moffat-Evans Tunnel Links East and West After Four-Year-Task; Trains Soon to Go Under James Peak

The railroad bore of the Moffat-Evans tunnel was holed thru

When daylight showed thru the big bore and a draft of air swept from the west to the cast side, Colorado had realized a dream of years. The backbone of the continental divide had been broken and the

tunnel digging venture, which began in September, 1923, had been



1357 mm a year of falfibbened for all sides were invested with the halding of the travel. Alone is the victoriess come what hald drough the pissens for our Petersey 17th, closed to depart for relative that avoided these in Demor. At the right, Comp. Lates, the was who is seed the project from failure, posse marker a new time of the project from failure, posse and the second time, the Demor management referred to the "Heffatt. Exama "Present" or "Motoriest by the July 7, 1384.







femend Melgiat vanilate, 2027 cand 2020, femal through Tabland unth Martines cause of the final special transis en rande to the spanning nervesseng on February 202, 1992, which is the spanning transient of February 202, 1992, was about the Martines Reiseland at Isosabel in term to puse through the transel and the east of sew of the opening day appeals. Torolog, this private cur of the framewar rustroat faulther in displayment in Crinic, Colorand, the end of the time for the Melgiat Most.—Bullet Colorand











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THE DOTSERO CUTOFF



FAST, DEPENDABLE FREIGHT SERVICE Ye TWO Some







THE MOFFAT ROUTE

Was Persil Agust Lumber Hessell standard eth privary hand relations on a winter offernous in 1910. The hand relations on a winter offernous in 1910. The page and sever helifer proceed. Writer the entennalting of richer between the right role and fine between the page and the relationship of the page and the substance, the cannel proceed adaptive said, gravity earling that (ii) of the real adaptive said, gravity earling that (iii) of the real adaptive said, gravity earling that (iii) of the real adaptive said, gravity earling that (iii) of the real adaptive said, gravity earling that (iii) of the real adaptive said, gravity earling that (iii) of the real adaptive said, gravity earling that (iii) of the real adaptive said of the table and the said of the said of the said of the said of the said (iii) to Novoeber 821 (ii). When special care the Mildel Book for the three special post range, it is not strongly are to have locasition of the range, it is not strongly are to have locasition of the









defleters, carcillarry tender and gas usuke, entors the next partial at vayl. The life of the error useder each oneditions can only be inseption! (Left) Trains set entors the Mofett, as some frees fit ere or extobale. Belas, at energy at Einl. Partial on a source afternoon in June 1851. (All. Oth C. Perry — Descer Public Library)





The Moffest model to seen involved is neveral reasonings desiring the quarter of operation over a Billine Plana, and after the spexing of the traveal, the 225 tools one more filling. While notation at East Plana I we Neventee A. 1353. thirty-nive located coal ears gut away from her, and also ware remaining in account of 90 may before overturating some Bollimentils. Engineer Ohrea was injured as he jumped from the call. A Billine Workshop has plotting of work to do the most day, but the 225 mergers (Most coosses Bill Orancies 4252 age for the 237 mergers, (Most



On a long-feer day, D&RGW 4-9-4-19702 heads the contherent Exposition Figure near Talkard on the two percent decording greats, Newstern 16, 1941. This tent is went by predecessors of the Californiae Explayer as the Catogo-Sun Prontiers run. The away mount just over the stark on the 1970 to drawn Peak, herewith which the Meffer Turnel passor. (Richard H. Kurdig)







During the first the sparse gifter the opening of the Endower Useff, like now line was presented in "The Areas Pri-Sande" with the trap using split in the principal control of the Areas Pri-Sande (and the Areas Pri-Sande (and Areas Sande (and





By 1899, the rebuilding of the Medfet Boad had rearbed the paint inhere even the Ris Grounde's wighty 2000 class 2-th-5-df e egisle be specialed. The 261d energies of Wister Park (above) with a remarkably clean state). (Directally, the enterlishests problem in the Lanut our actived by the clinical clinical inconsisting, the Ric Grants between ord 1-be from the Consistance of the First realized to order the sea 5450-barrepower small prim the Electro-Mattine Direction of General Medice, 4551 is never below at Phinterine on the first first posteround, April 2, 1912, (2006. C. Perry – Direct Public Directally).



In March 1848, only a year before the end for the Denver & Salt Lake as a separate corporation, 2:8-2 4403 and 2:8-8-9 0001 deport from East Parcal with a 47our freight. The based survey lines are still clearly windle on the reconstrin in the background, (Rickard H.

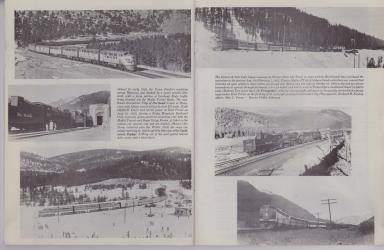






finishably greeded gaserage review to workworkers Calenta's for over eity green, The 2001's model are a for overeyen green, and effected for Section Calenta's for over eity green, The 2001's model are for overeyen green, and effected for Section forms the strength and the American Calenta's for the contracting the workhoused Exposition (Figure arrived beinder as driving set of Alex prossuper units. Note the interesting consist of 4s of two spleres plantage are accurately all subsects and rived down included for the Calenta's Englage or form contributions. Other 1906 Fertile wireless for the felt of the Securities. (One). C. Forey — Desire Pathic Lindon.)





Denver and Rin Grande Western Railmad

MOFFAT DIVISION

TIME-TABLE

No. 1 Takes Effect Sunday, June 8, 1947

Mountain Standard Time

TIME-TABLE RULES





days sed. Riginal 304 (at two-colors) grand-red and reflow), heated at Dealed Signal 301 (at two-colors) grand-red and reflow), heated at age 5, several workstand before engine motorisestic backling our set and other and Elemandard will be set to the set of the standard of the set of the set of the set of the set of the colors of the set o

Motor cars, other than trains, must obtain, from the dis-rugh the operator at Winter Puris, authority on Ferm 1231-3, spring or pussing through the Mothst Tunnel. switch which operates a bell in vestilating plant is located side of tunnel fifteen (15) feet west of curton, by mean fee operator may be signaled that curtoin is to be related.

These telephones connect with integraph office. Wheter Park, and Treatleining Pinet. East Portal, and may be removed with dispatching reveals at these telephon. The control with head residing promites at these telephones of the control with head residing promiters. Wheter Park and a spocession of long rising outsider received must be precedy accessed to both East Portal and Whater Park. Each engine in a train must have maximum steam pressure and fer in good credition before your colors to make it to reduce friend in the minimum other erry. It necessary to insure this, train should be sweed outside tunnel for conditioning of engine. ELIMINATE

Ohn.
Committe engine stack hood in deflecting onestion at all times inside
tunnel while threefts is coss. It must be in deflecting position while
either under curricus at East Portal, engineed or westward. Engine
n on westward trains must operate deflector not less than \$6 Sect
to the curricus. Not.
If eccentries heat is developed in the train, it is ago to be considered the intentioner. This speed and this is contactable to the large in the in 15 to 15 is shown beyond ARS SOL or ARE SOLA.

If a train show in the trained for one reason, except to unemade
elone engine at the Axes, has consider should be unemptly actified
with necessary refuse belondors of the reason for the size.

One day in the early 1860's, the Yamma Valley Mail











Source from interest of a searcher day of heart Person is horteen by the heart of heart Person is horteen by the other \$4.555 leader a \$2,000 feet and sold brain knowed Bourser. Mill otherish In the \$1570 in the Rio Francisk Explays because the said strictly of the done time of francous sosseque fremish that come francesstive Mostolites Through the Exchcut Person is the sear person of the Mostolites Through the Exchtage of the done is the sear person of the Mostolites Through the Exchtage of the Source of the Source of the Mostolites Through the Exchtage is the sear person of the Mostolites and the search of the search of the Mostolites and the search of the Mostolites and the Mostolites and the search of the Mostolites and the Mostolites and the Mostolites and the Mostolites and the search of the Mostolites and the Mostolites and t

IN THE 1980's

The Modif Tomic circums is 300 years of February 25-20, 1979 A house event handed proof from the first benefits on the price of the pri

Moffett with CLI cutes one of the tood forms two the west ported during the time the converse listing was being placed in 1933 by the Blain-Knox Company of Pattsburgh, Principlems, The soin on the resisting board learning on the from of the each is Robert S. Mayo who supervised the job for the contractor and who had previously worked for Hirchcock & Tokker during the original name (cuttriction). Blain-Fanza vision, Behover S. Moro (Callertina)





terrent handred proude, rous of shows had come up on the ZEPHYR, haddle around the anti-partition the moseyworking of Formary 23, 1998, for the golden monthermary of the Moffler Husen's show the done capsule reas opened. The fallowing summer a new capsule was placed in the portal's faculte by the Internassiasis Chapter of the

On September 24, 1979, the turned was designated a National Historic Civil Engineering Landmark by th

American Society of Civil Engineer, performed in his mellicul duty of scaling \$15,000 to the Irising Treat Corpusts in New York, This was the final agreement for both software market in Describer \$17,1002. However, their lists that at, the rade of the corressions was not clear. What was to do The time legislation band to do constraintly about the unique board, At the product of the Kin Corack, Seminer Medigipates and not incomplete the contraction of the Corpust of the Corack Seminer Medigipates and Second thought careed this Will to die in committee. The fact of the commission is unresided at this sering, Manamelle, the Sci. Gorden's lasque and out \$1,300,0000 or morph the verification sport of the trend.

croisesterms for tails cross.

On Agnil 24, 1832, the bas ROGRANDI ZEPHYR passed through the turnet. The next sky, an Antinak tail was to take over the resule, that a mudside and lake hooked the national at Thorst, Unit mill sky the fi. not on sow turneds at Thorst was to take over the resule, that a mudside and lake hooked the national of this first, Unit mill sky the fi. not of two we turneds at Thista, we completed around the skild are and uppend for the now. Attended, the state of the state



How many retain have persentented the Media's deriverse since 1927. The clease, facade of the east presal locuse over the sisting retain and absorpt the people gathered to researcher one of the shapelocus events in Colora also history—the archivement of the dream of one of the street mans femana citizens. Denile II. Media. In the hearthyround, fediting anone country, in the dream of the recording to the desired country.



PIJIS Neurosci Persisten V. Alban Vaugini addresses his ervolution of the State of











necessarying of the ventilation system as East Portel, austraed by this GPMi-2 and a caboose of the style that had served the Moffat Tunnel Rosse for





menialize that work benefited after conspliction of the Delicer Codoff in 12st, without having to pay the Moffest Trace tax. Comparative Denor-Salt Lake City mileages notes 128 via the Union Parific, 7.2 via the Delictivi Parific living 178 via the never completed DelSL extraction and 578 via the Delicero Codoff, Moffest Transel Commission.

PASSENGER	TRAINS THAT HAVE OPE	RATED THROUGH THE	MOFFAT TUNNEL
Number	Name	Roste	<u>Dates</u>
D&SL 1-2		Denver - Craig	2/26/28 - 4/10/47
D&RGW 5-6	Panoramic	Denver - Salt Lake Gry	6/17/34 - 9/24/39
DaSL 11-12		Denver - Craig	1/15/36(?) - 4/10/4
D&RGW 19-20	Mountaineer	Deriver - Morrose	7/05/36 - 10/24/59
DeRGW 5-6	Exposition Flyer	Chicago - San Francisco	6/11/39 - 3/20/49
D&RGW 7-8	Prospector	Deriver - Salt Lake City	11/17/41 - 7/04/42
D&RGW 8	Advance Exposition Flyer	Salt Lake City - Denver	1/16/44 - 10/13/45
DwRGW 7	Advance Exposition Flyer	Deriver - Salt Lake City	5/13/45 - 10/13/45
D&RGW 7-8	Prospector	Deriver - Salt Lake City	10/14/45 - 5/28/67
D&RGW 23-24		Denver - Craig	4/11/47 - 12/31/50
DaRGW 9-10		Denver - Craig	4/11/47 - 12/31/50
D&RGW 17-18	California Zephyr	Chicago - San Francisco	3/21/49 - 3/21/70
D&RGW 9-10	Yampa Valley Mail	Denver - Craig	9/05/54 - 10/31/63
D&RGW 9-10	Yampa Valley	Denver - Craig	11/01/63 - 4/07/68
D&RGW 17-18	Rio Grande Zephyr	Denver - Salt Lake Gry	3/22/70 - 4/24/83
Amerak 5-6	. California Zephyr	Chicago-San Francisco	7/16/83 - present