

10-28
(May 1929)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
PROPOSED STATES-RED MOUNTAIN COAL MINE N. M.
----- NATIONAL PARK

FILE NO. 0-35

PART I

PROPOSED NATIONAL MONUMENTS
STATES-RED MOUNTAIN COAL MINE

LAST DATE ON TOP

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ARNO B. CAMMERER,
Director.

INVESTIGATIVE REPORT

ON

DINOSAUR TRACKS

STATES - RED MOUNTAIN COAL MINE

DELTA COUNTY, COLORADO

December, 1939

GEOLOGICAL REPORT

ON

DINOSAUR TRACKS IN STATES COAL MINE

CEDAREIDGE, COLORADO

By: Chas. N. Gould

Report No. 250
Inspected
Nov. 20, 1939.

The coal mine in which occur the dinosaur tracks is located in north central Delta, Colorado. A map of Delta County showing the location of the mine is included as Plate I. The mine is 20 miles northeast of Delta, the county seat, and 4½ miles northwest of Cedaredge, the nearest town. It is located on the south slope of Grand Mesa and at an elevation of 6,400 feet above sea level. Grand Mesa, to the north, is a bold plateau lying between the waters of the Colorado and Gunnison rivers, averaging 10,000 feet in elevation and dominating the landscape throughout a considerable part of western Colorado. The south slope of Grand Mesa is rough and broken and dissected by many streams which rise on Grand Mesa and flow south into the Gunnison.

GEOLOGY

The rocks which make up Grand Mesa are of Cretaceous and Tertiary age. Disregarding the formations exposed near the top of the mesa and several miles distant from the mine the rocks with which we are concerned at Mancos shale and Mesa Verde sandstone, both formations being of Upper Cretaceous age.

The Mancos shale is exposed along the Gunnison and Colorado rivers and their tributaries in this part of western Colorado. It is chiefly a gray to black clay shale with comparatively little limestone or sandstone and varies in thickness from 3,000 to 4,000 feet. The Mancos may be seen all the way along Highway 50 from Montrose, northwest past Delta, to Grand Junction and to the Utah line. On the road from Delta past Cedaredge to the States Coal Mine, the Mancos is everywhere exposed.

Mesa Verde sandstone. Lying above the Mancos shale on the south slope of Grand Mesa is the coal-bearing Mesa Verde sandstone. Varying in thickness from 1,500 to 2,500 feet, it consists of alternating layers, or beds, of sandstone, sandy shale, shale and

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coal. These beds are not uniform in thickness but are often lense-shaped and grade one into the other. The Mesa Verde, or its equivalent, is widespread over parts of Colorado, New Mexico, Utah, and Arizona, and usually contains coal.

Lying just above the Mancos shale, and at the base of the Mesa Verde, is a ledge of gray to yellowish sandstone which, in the vicinity of Grand Mesa, is known as the Rawlins sandstone. Figure 1 shows an outcrop of the Rawlins sandstone near the States Coal Mine. At Mesa Verde National Park the equivalent sandstone ledge is called the Point Lookout sandstone.

Succeeding the Rawlins sandstone on the south slope of Grand Mesa is a series of alternating beds of shale, coal, and sandstone, aggregating many hundred feet in thickness. There are said to be ten beds of workable coal in the lower part of the Mesa Verde.

The States Coal Mine is located in the lower bed of coal and not far above the top of the Rawlins sandstone. A plan of the mine, showing the various rooms and passages, is shown in Plate II. There are two entrances to the mine. The distance underground from one entrance to the other is approximately three-quarters of a mile. The openings of the mine are shown in figures 2 and 3. At this place the coal bed is 14 feet thick, but generally only the upper 7 or 8 feet has been removed.

Some years ago Mr. States and his workmen began noticing what they called blisters at various places on the roof of the mine. Later he learned that these "blisters" were, in fact, casts of tracks of the prehistoric reptiles known as dinosaurs. They began to attract attention. Mr. Barnum Brown, of the American Museum of Natural History of New York City, visited the mine and removed a section of the roof containing two tracks, each approximately 34" x 34". The stride was about 15'3".

Mr. States, a very public-spirited man, called the tracks to the attention of Senior Archaeologist Nusbaum of the National Park Service who first examined and informally reported these exhibits. On November 20, 1939, accompanied by Mr. Nusbaum, Regional Landscape Architect Cornell, and Superintendent Franke of Mesa Verde National Park, I visited the mine. Mr. States showed us every courtesy and personally conducted us underground.

Figures 5, 6, and 7 show views of the casts of the dinosaur tracks as they now appear on the roof of the mine. Plate III

(in pocket) is a take-off of one of the tracks. We saw a great number of these tracks in place in several of the rooms of the coal mine. Mr. States estimated the number already discovered to be approximately 100 tracks.

The history of the process by which the casts of these tracks came to be located on the roof of a coal mine is not hard to understand. Many millions of years ago the place was a swamp filled with vegetable matter, something like our modern peat bogs. Mud washed in and covered the swamp, and the dinosaurs walked around in the soft mud leaving the impressions of their footprints. Although different in shape, the abundance of these impressions remind one of pig tracks, or chicken tracks in a barn yard. After the mud had hardened more mud was washed in and covered the tracks.

During long periods of geologic time other layers of mud, sand, and swamp material were laid down above the tracks. Then the land surface was raised, and the mud hardened forming shale. The loose sands were cemented forming sandstone, and the swamp and peat bog material became coal.

When the coal was removed by mining, the casts of the bottom of the foot of the old dinosaurs were exposed, as we now see them. Looking at these tracks from below is much like looking at the palm of one's hand laid on a glass table top.

The largest tracks and the ones shown in the picture are those of Iguanadont, an herbivorous or plant-eating dinosaur. This reptile is believed to have stood perhaps 35 or 40 feet in height, and walked on his hind legs. The largest tracks are a trifle over 40 inches wide. The stride was probably more than 16 feet. There are also on the roof tracks of carnivorous, or flesh-eating, dinosaurs. The toes of these beasts are narrower than those of the Iguanadont shown herewith.

From the standpoint of geology and paleontology, the tracks on the roof of the States Coal Mine are almost unique. A few other instances of this kind have been reported, but nowhere else, so far as I know, are there tracks of such size. The abundance of the tracks and the fact that they are so easy of access adds to their scientific value.

I recommend that a careful analysis be made of the situation in order to determine if it is deemed possible or advisable to secure the States Coal Mine as a National Monument.

Lena Howard
Regional Geologist.

Comments by Senior Archaeologist Nusbaum

Regional Geologist Gould and Regional Landscape Architect Cornell, in accompanying reports, have fairly and comprehensively presented, both technically and more generally, the principal features of interest to the National Park Service within and without Mr. Charles G. States Top Coal Mine, adjacent Cedaredge, Colorado.

The present exposure of dinosaur tracks in the roof of the mine is the largest, most abundant, and most readily accessible of any known underground dinosaur track exhibit.

Adequately to protect these notable exhibits and to insure their permanent preservation would require an expenditure beyond the means of Mr. States to contemplate.

To open up the principal exhibits for controlled public visitation would involve additional expenditure as well as procedures entirely foreign to commercial mining and sale of coal which constitute the basis of Mr. States' livelihood.

Mr. States frankly realizes the problems presented by the finding in his mine of these notable exhibits, as the public is already demanding more of his time than he can wisely give to public showings and education. At the same time, his interest in this aspect of the operation is most generous and stimulating, both to scientist and layman.

Cessation of coal mining in the principal dinosaur exhibit section of the mine is mandatory to satisfactory public use of this section, and access thereto should preferably be provided apart from the entries used for the movement of coal to the tipples at either end of the thru-mountain tunnel.

Mr. States desires cooperation of the National Park Service in the situation and I am reasonably certain that he will generously consider any proposal of cooperation from the Service which would mutually permit each party substantially to achieve its desired objectives in the premises under a dual arrangement.

If dual operations of entirely different character within a very limited area, mostly underground, are not considered compatible by the National Park Service under the peculiar conditions that exist at the Top Coal Mine, then the only alternative

is for the National Park Service to acquire desired acreage and terminate mining operations thereon.

Your representatives, by prearrangement, purposely avoided any discussion of dual operations within the area, believing it wise at this time, to present for consideration only the principal features of the area of which the dinosaur track exhibits constitute our primary interest and concern.

One feature, of importance to future development, should the National Park Service become interested, is that the atmosphere of the mine is perfectly safe and non-hazardous, and therefore use of CCC or ERA forces and funds would be practicable.

Jesse Linsbauer
Senior Archaeologist.

A REPORT
ON THE DINOSAUR TRACKS
TOP COAL MINE
CEDAREGE, COLORADO
BY THE REGIONAL LANDSCAPE ARCHITECT
REGION III

With Senior Archaeologist Nusbaum, Regional Geologist Gould, and Superintendent Franke, Mesa Verde National Park, an inspection was made of the Dinosaur Tracks in the Top Coal Mine, Cedaredge, Colorado, the mine now being operated by the owner, a Mr. States. The following comments pertain to the importance of the area primarily from a landscape architectural point of view.

Location

The Top Coal Mine is located approximately four and one-half miles from Cedaredge, and consists of a shallow network of narrow tunnels, over three miles in total length, the longest continuous tunnel being three-fourths mile in length and terminating in two separate entrances, one at a considerably higher elevation than the other.

The adjacent countryside is in a broad valley between dominant mountain ranges, and composed of a series of irrigated mesas on which, among a variety of crops, the apple orchard predominates. The mine underlies a prominent hill capped with Mesa Verde Sandstone. The attached landscape views were taken in the vicinity of the upper tunnel entrance.

Accessibility

Reasonably high standard farm-to-market roads, with graveled surfacing, closely bypass the entrances to the mine.

General Characteristics of Area

Scenic Features

While it is true that the hill in which the mine is located conspicuously dominates the immediate surroundings, the area as a whole is definitely insignificant from a scenic standpoint. The existing tree growth is limited almost entirely to native cedar.

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Prehistoric Features

Over a tunnel length of approximately one-fourth mile, a series of several hundred dinosaur tracks (protruding from the tunnel roofs), of varying sizes and from several different species, present a really interesting and significant spectacle. The larger tracks, supposedly the largest on record, measure forty-two inches across.

Other Features

The related tramways, power cable, and sorting and loading platforms, are interesting but of unimpressive scale. Much of the construction is in definite need of immediate repair. The use of small mule-drawn dump cars is typical. In general, the operation of a shallow mine of this type is quite typical of this section of the country.

Need for Conservation

There is no question concerning the need for protective measures in relation to the preservation of the Dinosaur Tracks. Although the owner fully appreciates the value of the tracks and is doing everything possible to protect them, the operation of the mine will continue. The resultant destruction of both exposed and unexposed tracks through future operation is inevitable. Therefore protective measures should be adopted. These measures would most certainly include further strengthening of the timber supports within the tunnels, particularly in relation to the visiting public.

Land Ownership and Values

The mine is owned and operated by a Mr. States, with only a small group of employees. No estimate of the value of the remaining coal deposits is available at present. However, the operation of the mine was started in 1906 and apparently may continue under the present scale of operation for many years.

Other Data

Local Sentiment

It is apparent that local sentiment is very much in favor of the establishment of the area as a national monument.

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Possible Development of Tourist Facilities

At present, and perhaps due to much recent publicity, quite a number of visitors inspect the area, particularly on Sundays. The satisfactory control of these visitors is a problem to the operator. No charge is made.

The development of the area would be decidedly limited and should include a short approach road, a checking station near the mine entrance, a parking area, and an Operator's residence and garage. Water supply is plentiful and easily obtained. Complete fencing of the mined area would be essential. Repair of existing service structures would of course be included if the story of the mine operation is to be told to the public. The inclusion of additional roads and trails would be entirely unwarranted.

Ranell

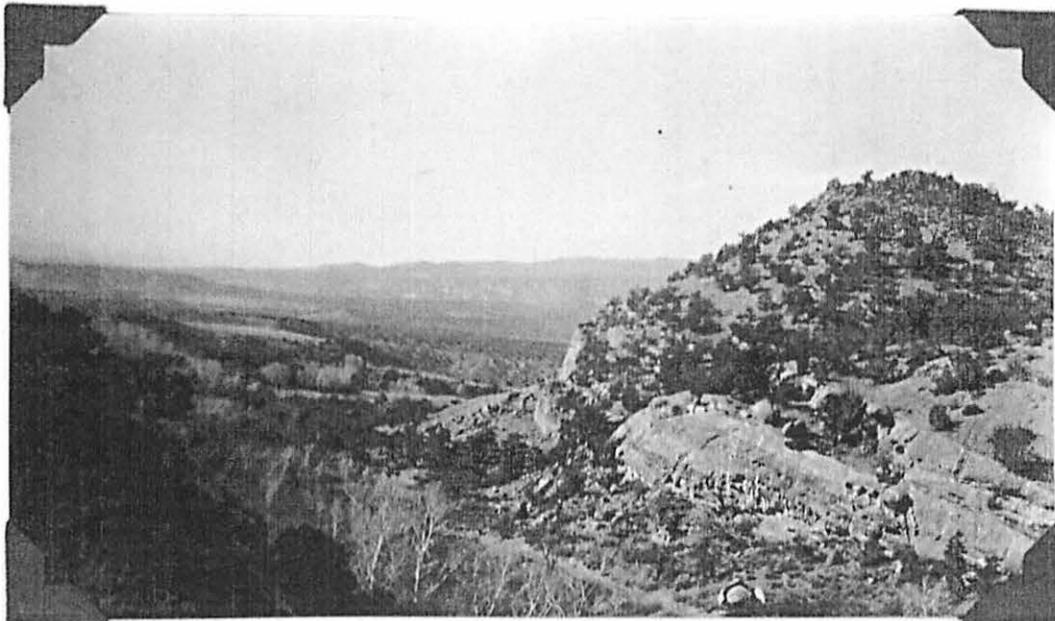


Figure 1. View near the States Coal Mine showing an outcrop of the Rawlins sandstone, at the base of the Mesa Verde.



Figure 2. The lower, or West entrance, to States Coal Mine.



Figure 3. The upper (east) entrance to States Coal Mine, three quarters of a mile underground from entrance shown in figure 2.

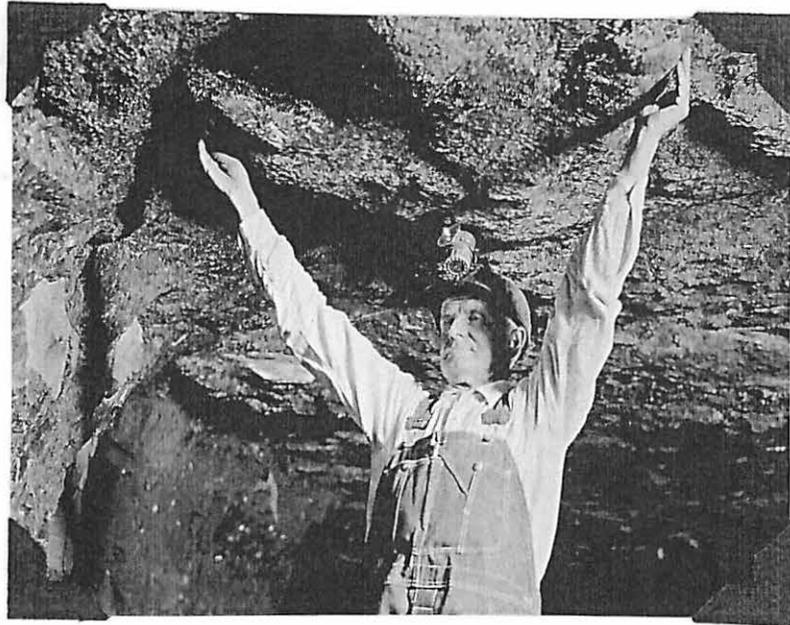


Figure 4. Mr. S. C. States, mine owner, outlining size of dinosaur track on roof of mine

Photo by Walker Art Studios.

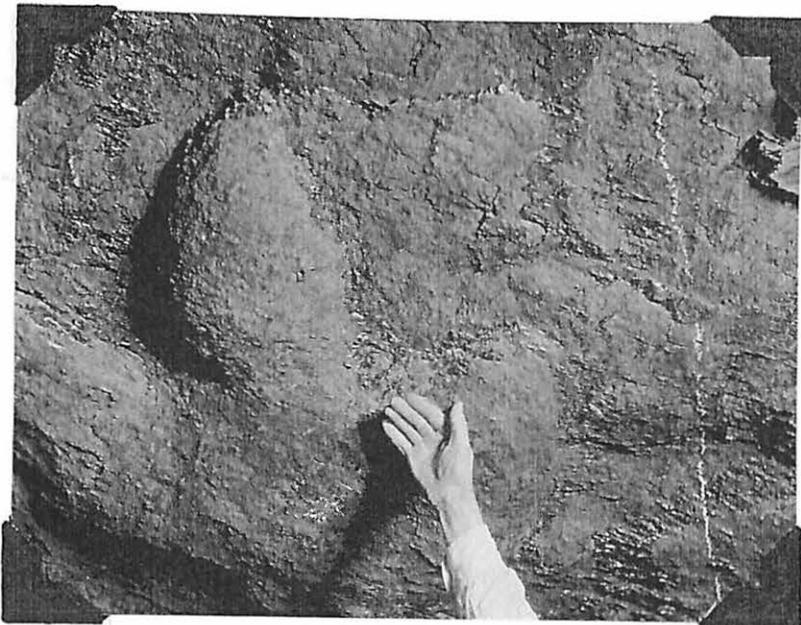


Figure 5. Cast of dinosaur track in comparison with Mr. States' hand.

Photo by Walker Art Studios.

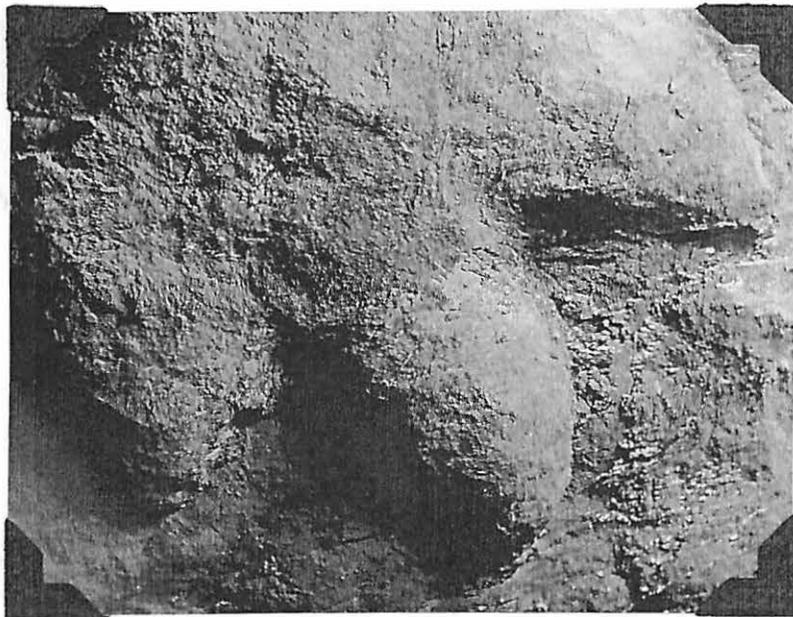


Figure 6. Cast of dinosaur track on roof of States Coal Mine.

Photo by Walker Art Studios.

PREVE
U.S.D.

GRAND MES

SIXTH I

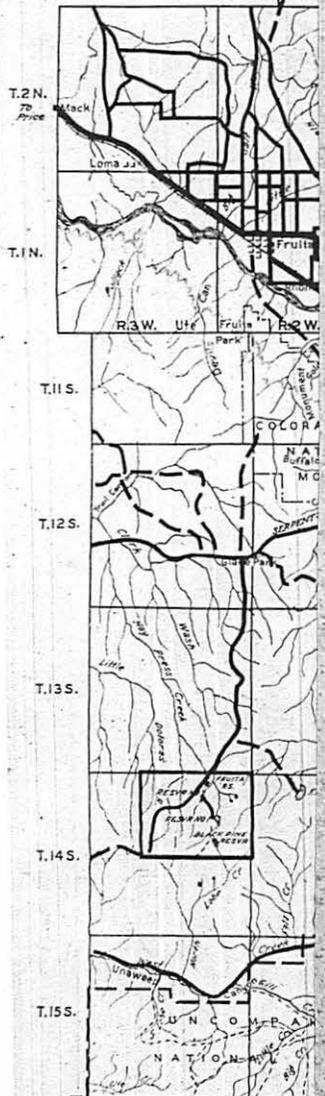


PLATE I.

Showing the location of the mine in
Delta County, Colorado.

R.102W.

Compiled and Drawn by F.E.W. & M.A.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO

~~R. J. Lee~~
~~Mr. Kelly~~
December 21, 1939.
File 5



DEC 27 1939

Memorandum for the Director:

There are transmitted herewith two copies of this Office's report covering its investigation of the Dinosaur Tracks, States - Red Mountain Coal Mine, Delta County, Colorado. This report was requested in your memorandum of September 1.

Regional Geologist Gould states that the dinosaur tracks are of great paleontologic interest and believes that some method should be devised for their preservation.

Senior Archaeologist Nusbaum reviews the contrasting objectives of Mr. States with respect to commercial operation of his going coal mine, and the National Park Service interest in permanently preserving these notable dinosaur track exhibits and making them properly available to the public.

Regional Landscape Architect Cornell reports that the general area includes no scenic features of unusual interest. He further states that the existing structures and equipment are quite typical of coal mining operations in the general locality.

Milton M. Colvin
Acting Regional Director.

Encl. 1834922.

D. M. ...
120

TOP COAL MINE

Cedaredge, Colorado.
February 2, 1940.

Paul R. Franke, Superintendent,
Mesa Verde National Park,
Mesa Verde, Colorado.

Dear Sir:

The situation regarding the finds at the Dinosaur Mine at Cedaredge, continues to be of great interest. When the Deputy Coal Mine Inspector visited the States Red Mountain Mine the 13th of December he declared the latest find, the Dinosaur track with the long center toe and the two spurs, was a mystery and advised that I obtain a photograph of it and send it to the American Museum of Natural History and have it identified.

After the holidays had passed I was successful in obtaining the services of Mr. Merridith, the Delta photographer. The picture was very good and mailed it to Dr. Barnum Brown for identification.

A few days ago while loading nut coal, here came a broken piece of fossil bone. This is not of interest in itself. But it shows the dinosaurs were here, for it came from a new room.

I was promised a copy of the Park Service magazine containing the report of your visit last November. I have not yet received it.

Sentiment is now growing rapidly to have the tracks preserved.

Sincerely yours,

(Signed) Chas. G. States.

C O P Y

70

A
B

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO

~~Mr. [Signature]~~
~~Mr. [Signature]~~
~~Collins~~
~~Trager~~
File
[Initials]



February 16, 1940.

Memorandum for the Director:

There is attached a copy of a letter from Charles G. States, of the Top Coal Mine, Cedaredge, Colorado, dated February 2, which has reference to the dinosaur tracks in this mine. It is felt that this communication will be of interest to Messrs. Collins and Trager.

Encl. 1831951.

[Signature]
Acting Regional Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

~~Earl Fayer~~ ^(initials)

Note Mr. Stetson says the
fragment of fossil bone "was not
of interest in itself." Should
think he ought to save
such things. You probably will
want to acknowledge.
JL

TOP COAL MINE

GOOD CLEAN COAL
HIGH IN HEAT-LOW IN ASH



CEDAREDDGE, COLORADO.

2-14-'40 *ZM*

Dear Mr. [unclear]
Your letter of Feb. 6 was received and by return mail I sent a fine photograph of the dinosaur tracks with the long center toe to Regional Director Region III Santa Fe New Mexico.

I have secured a few names of representative organizations at Cedaredge and Delta which I enclose. Will secure more signatures as soon as I hear. This may not be the correct procedure, but I thought it would register public sentiment.

Very Truly Yours
Chas. G. States

MESA VERDE NATIONAL PARK

FEB 17 1940

RECEIVED

Cedaredge, Colorado
February, 1940

To Mr. Paul R. Franke, Superintendent
Mesa Verde National Park,
Mesa Verde, Colorado.

Dear Mr. Franke.

We the undersigned Clubs and representative organizations of
Delta Colorado respectfully petition you to use your best efforts
to have the ~~area~~ ^{area} Red Mountain Coal Mine set apart as a
National Monument.



Real Estate
Margaret

Delta

Red Canon Coal Co. Foster L. Patten

Delta Colo

States-Hall Coal Co. W. Hall

Cedaredge Colo

*Warner Stores Co.
By Wilnot W. Warner*

Delta Colo

*Hollaids
by O.B. Swanson mgr*

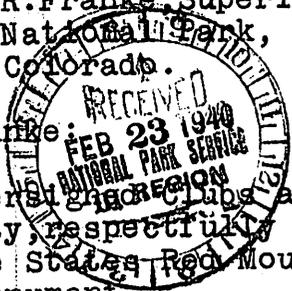
Delta Colo

*Surface Creek Creamery
By Merrill Flint Pres*

Cekert Colo

Cedaredge, Colorado
February, 1940

To Mr. Paul R. Franke, Superintendent
Mesa Verde National Park,
Mesa Verde, Colorado.



Dear Mr. Franke:

We the undersigned clubs and representative organizations of
Delta County, respectfully petition you to use your best efforts
to have the States Red Mountain Coal Mine set apart as a
National Monument.

The Colored Bank & Trust Co.
By Nelson Spurr, Pres.
Chas. E. Patten, Cashier
B.P.O. Elks #1235
Richard Gray, Exalted Ruler.

Delta Colo.

Fairbank & Fairbank.

Delta, Colo.

W. F. Blaine
Ed H. Crawford
Chas. G. Clark, Clerk of Board of
County Commissioners Delta Co.

Delta Colo.
Eckert Colo

Steward + Brown

Delta Colo.

Delta, Colo.

DELTA-MONTROSE RURAL POWER LINES ASS'N

Delta, Colorado
Supt.

Delta Colorado

Methodist Church of Delta Colo
Cecil P. Simpson Minister

Rufus Keyser, Pastor, First Baptist Church, Delta Colo.
John T. Crawley Mayor of Delta
Delta Elevator
P. L. Anderson
Sawmills Club # 2 - Delta Colo.

Delta Colo

Cedaredge, Colorado,
February, 1940.

To Mr. Paul R. Franke, Superintendent,
Mesa Verde National Park.
Mesa Verde, Colorado.

Dear Mr. Franke

We the undersigned, organized Clubs and representative Organiza-
tions of the Cedaredge Community, respectfully petition you to
use your best efforts to have the States-Red Mountain Coal Mine
set apart as a National Monument.



Robert Arch J. O. Dardus Pastor
Community Methodist Church
Cedaredge Col.

Dr. C. S. Defandoy, Pastor

ROBERT P. JAMES, P. M. Robert James Postmaster
Cedar Crest Club:-

Mrs Effie Wiley -- President

Mrs R. J. Briscoe -- Sec. & Treas.

The Cedaredge Mercantile -- O. H. Wagoner

Peach Belt Lodge #149 I.O.O.F. -- Lew Brandt Sec

Cedaredge Drug Store -- David Rivers

~~Wells Store~~
Wells Store

M. R. Baldwin Groc

THE FIRST NATIONAL BANK, CEDAREGE, COLO.

Wicks Bros Mch.

Phil Aust. Sec. Station. by Doyle Bannet.

Cedaredge Fire Dept. by Doyle Bannet. Sec.

KIRK'S SERVICE STATION by Carl L. Kirkpatrick

Snij's Store by Emma Stein

THE ELECTRIC SHOP
C. A. BELMIRE

C. A. Belmire

Cedaredge, Colorado,
February, 1940

To Mr. Paul R. Franke, Superintendent,
Mesa Verde National Park.
Mesa Verde, Colorado.

Dear Mr. Franke:

We the undersigned, organized Clubs and representative Organiza-
tions of the Cedaredge Community, respectfully petition you to
use your best efforts to have the States-Red Mountain Coal Mine
set apart as a National Monument

Union Service sta.
Harland & Brown prop.
Hawkins Barber ~~Prop.~~
(D. F. Jones) Prop.
Cedaredge Hotel
Sadie Haines, propr.
Surfacruk Champion.
Cottonwood, Publisher.
Vance & Prop. by E. E. Vance
Cedaredge Garage & A. Phillips
CEDAREGE LUMBER CO.
Cedaredge, Colo. By acufman mgr.
Hubbards Garage (H. H. Hubbard)
Tyler's Garage, E. B. Tyler
Blacksmith
D. J. Sullivan Prop.
Cedaredge Post Hall (E. N. Howe)
Prop.
M. E. Thompson Cafe
Daw Prop. Inn
A. Johnson mgr.
Cedaredge Feed Store
L. A. Golph Prop.
M. F. Mills Iron Shop & Road
Dist 36

The Coalby Community Club
By Georgie Peterson (Sec.)
Cedaredge Town and Club No. 1
By L. E. Joseph Pres.
K. G. States Secy.
Delta.
The Delta Brick & Tile Co.
The S. D. A. Church.
by Earl Patton Elder
Cedaredge
Palmer & Joslyn, Inc.
By H. L. Palmer Pres.
Cedaredge Catholic Church
By E. J. Ginter
Cedaredge Public Schools
Wayne Britan, supt.
Episk. Presbyterian Church
J. A. Hunsicker, pastor
James C. Dichter
Pres. Board of Ed.
Pres. of Wapawan - Secretary
Board of Education
(Frank E. Graham)
Tussock meat Shop

TOP COAL MINE

GOOD CLEAN COAL
HIGH IN HEAT—LOW IN ASH

CEDAREGGE, COLORADO, Feb. 21, 1940

Dr. Jesse Minsbaum,
Senior Archeologist,
Santa Fe, New Mexico

Dear Dr. Minsbaum: -

I interviewed Ray Peck, Grand Mesa Forest Supervisor, and Mr. Jukes, custodian of Monument National Park, also Mr. Wood, secretary of Chamber of Commerce, regarding the circulation of petitions among clubs and regularly organized businesses, in the larger cities of Western Colorado, after I finish Delta County.

I received a friendly welcome and all seem anxious to lend their influence backing up the efforts of Cedaregge and Delta County in establishing a National Monument at the States Red Mountain Mine.

When Cedaregge came to a realization, even at this late date, that this dinosaur mine was really their baby and signed up 100% and showed such keen interest to help develop the possibilities of the new infant and showed no inclination to throw it on the door-step of anybody else, the surrounding territory are seconding the effort whole-heartedly.

We may be a little slow, but it has cost money and requires time. The more time and expense the better the foundation, and we have felt all the time public sentiment was forming, we just couldn't let it die.

So we will continue to have petitions signed. We have already sent three petitions to Dr. Franke. Please forward the petition, I enclose, to

TOP COAL MINE

GOOD CLEAN COAL
HIGH IN HEAT—LOW IN ASH

CEDAREDGE, COLORADO.

The Superintendent of Mesa Verde National Park
after you examine it.

I sent a photograph of the mysterious track with
the long center toe, to Regional Director Region III
by request of Mr. Paul R. Fenshler.

The possibilities of a National Monument
that is different and will always be different
from any other in the world is so inspiring!
And please do not forget archeology in connection
with it; for it has an important place.

Wishing to hear from you, I am

Sincerely yours
Chas. G. States

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO



719
M. C. ...
...
...
MAR 5 REC'D
...
APR 11

February 27, 1940.

Memorandum for the Director:

There are enclosed, for your information and consideration, original letters and their attachments from Charles G. States, Cedaredge, Colorado, to Superintendent Franke and Senior Archaeologist Nusbaum, dated February 14 and February 21, respectively, all relating to the remarkable dinosaur track remains in the roof of the States-Red Mountain Coal Mine, and unitedly urging "establishment of a national monument at the mine under National Park Service jurisdiction".

We have not as yet received your comments and instructions with respect to the report of the field investigation conducted by Messrs. Gould, Cornell, Nusbaum, and Franke, sent to you on December 21, 1939.

Due to widespread interest in making the above-mentioned area available to the public through the Service, Mr. Nusbaum believes that Congressman Edw. T. Taylor, in whose central district the remains are situated, will firmly support the proposal when it comes to his attention, as it will in due course.

-In his section of the report, Mr. Nusbaum directed attention to the problem of continuing the commercial mining of coal by Mr. States versus the proposed protective preservation and public use of these exhibits by the National Park Service.

None of the Regional representatives or Mr. Franke, to our knowledge, has approached Mr. States as to what coal lands, mined or in process of mining, he may be willing to contribute toward establishment of a national monument, and under what conditions. While these factors were considered secondary to the purpose of the regional investigation and evaluation of the dinosaur track exhibits, they are fundamental in defining an appropriate area for establishing a national monument.

Henry A. Tolson
Regional Director.

Encl. 1738114.
cc: Supt. Franke.

DEPARTMENT OF THE INTERIOR
UNITED STATES

Cedaredge, Colorado,
March 5, 1940.

Dr. Charles M. Gould, Senior Geologist,
National Park Service,
Santa Fe, New Mexico.

Dear Sir:

I have just called at the offices of the Grand Junction Chamber of Commerce with the object of securing their name on a petition and their support in securing additional Grand Junction petitioners with a view toward having the States Red Mountain Mine set aside as a National Monument.

Mr. Wood, Secretary of the Chamber of Commerce informs me that prior to the Chamber's approval, his Board of Directors would like a recommendation from you to the effect that the project should have the support of the people generally, and that you feel the movement is thoroughly justified.

I would appreciate your writing directly to them, giving that information.

Yours very truly,

(Signed)

Charles G. States

P. S. I would appreciate your sending me a copy of your letter to the Grand Junction Chamber of Commerce.

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

3-6-40

~~Russell~~, *CPR 3/11*

Do we have any information on
this? It looks like a matter of little
importance for monument status.

CPH
B

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

~~Mr. Trager~~ (H)

Please summarize this
for Mr. Cameron's information.
Check with Ben Thompson to
determine how your ideas
compare with his.

Summary should be brief.
Your signature.

CPR 3/
16

Tex Pittsion

Is this the American foot-
print coal mine? Earl Trager
is interested if it is.

Yes
cedaridge, Colo

~~Earl~~ APR 3/13

gle
Felt.

I plan to stop
here in May

Trager

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO



ya
~~Mr. [unclear]~~
~~Mr. [unclear]~~
~~Col. [unclear]~~
~~Mr. [unclear]~~
~~Thompson~~
March 9 1940
~~Dr. Little~~

Memorandum for the Director:

There are attached petitions from Colorado residents to Superintendent Franke concerning the States Red Mountain Coal Mine being established as a national monument.

Encl. 1848507.

Milton J. McColm
Acting Regional Director.

edaredge, Colorado
1940

To Dr. Paul R. Franke, Superintendent,
Mesa Verde National Park,
Mesa Verde, Colorado.
Dear Dr. Franke:

We the undersigned Clubs and Representative Organizations
of Delta County, Colorado, respectfully petition you to use your
best efforts to have the States Red Mountain Coal Mine set apart
as a National Monument.

Delta Chamber of Commerce MESA VERDE NATIONAL PARK

THE PURE FOOD GROCER

by *M. Whitely* Sec'y

FEB 28 1940

RECEIVED

Delta Lions Club

by *Kenneth C. Gray*, pres.

Delta's Independent

by *J. E. Steiner*, Editor

A. H. Stephens Co.

By *M. Stephens*

United Marketing Exchange

By *A. H. Binghamton*

Delta County Lumbering Co

By *E. S. Bastow*

The Delta Flour Mills Co

By *A. J. Ober*, Owner

Eldora Hotel -

By *Ms. Rader*

Consumers Gas & Oil Co

By *Harriet Angloss*

W. C. E. Angloss

Delta House, *Otto Buegg*

THE OSBORN CO.
By *M. Osborn*

H. E. Mathers

Remington's
By *A. C. Remington*

16 Crown Drug Co
By *W. J. Joyce* Co-part

17 *Carl Allen*
By *Allen D. Allen*

18 *Shelley Shoe Store*

19 The Davis Clothing Co
By *John W. Davis*

20 Delta, Colorado
THE O. DELL DRUG CO

21 *Glen & Son* Co
By *Harold Glenn*

22 *Patterson Jewelry Store*

23 *J. Keeney*

24 *Reid's Watch Shop*
By *H. G. Reid*

25 Modern Market
C. H. WILLIAMS
DELTA, COLO.

26 *C. B. Perry*

27 *Solus Beauty Shoppe*
By *Kathryn Carrington*

28 The Mountain States Tel. & Tel. Co.
By *Thos. Douglas*
MANAGER

29 Delta Exchange
By *M. E. Thompson*

30 Seicrest Bros.
By *W. Seicrest*

Cedaredge Colorado.
Feb. 21 1940

To Dr. Paul R. Franke, Superintendent,
Mesa Verde National Park,
Mesa Verde, Colorado.
Dear Dr. Franke:

We the undersigned Clubs and Representative Organizations of the Cedaredge Community in Delta County, Colorado, respectfully petition you to use your best efforts to have the States Red Mountain Coal Mine set apart as a National Monument.

Green Valley Coal Mine.

By Dewey Stewart

Independent Fuel Co.

By Ray Clipp

Cedaredge Lumber Club

By J. L. Lipe - acting Secy

Edward Schultz Pres.

Cory Store

By M. A. Stewart

Austin Store

By J. H. Maddox

Williamson Merc. Co.

By Ray C. Williamson, Mgr

J. W. Stormont Postmaster

~~Williamson Merc. Co.~~

By J. W. Stormont

Rev. J. Robert Coffey Pastor Austin Baptist Church

Mrs. C. H. Callahan. Supt. Austin M.E. Sunday Sch.

Wear, H. + m. m. e. s. y. o. n. d. W. e. a. r. s. e. c.

W. D. Weaver, Mayor - Town of Orchard City

Weyrauch Packing Co. Austin, Colo.

W. E. Weyrauch

Minview School
Austin, Colo.

Harold Wick-Prin.

Austin Fruit Assoc.

@ N. Dixon Secy

H. W. Ferguson V.P.

Co-op. Tel. Co.

Robert Garage

By Chas. K. K. K.

The Schert Store

By Carl Hewitt

Standard Service Station

A. C. Patterson

Don Aug's Garage Station

Donald F. West

The Eckert Postoffice

By Acting Postmaster

Dorothy Ballock

G. B. Ahl, Asst. Excelsior School
Mapine Elliott (Principal) Central School

Cassanova Dunlap " "

Guendelyn Weaver " "

Tongue Creek School
Loran W. Casbier (Prin)
Ernie L. Casbier

Hartney's Conf (Delta)
F. J. Hartney

George A. Wettsch
Grand Mesa View Dairy

M. Murray Grocery
J. M. Murray

Innovale Fruit & Dairy Ranch
S. C. Steffan, Cedaredge

Chas M. Hughes, Commander American Legion
Cobbett - Delta Post #104

Mrs. C. M. Hughes, Cedaredge, Colo.

Reheca Lodge of Cedaredge, Colo.

Mrs. Leonard Witterich, Noble Grand

Jerry Barber Shop
Barnett L. Smart Pfg.

Gurley Motor Co.
By Elva M. Gurley
Delta, Colo.

Roy M. Davis -
P. R. Supervisor

Earl L. Barnard, Inv. Real Estate - Delta, Colo

C. P. Hollen

DELTA MOTOR PARTS

MONTROSE LUMBER CO

The Montrose Potato Growers' Coop. Assn.
MONTROSE, COLO.

by James Cooper

Church of the Nazarene.

Rev. Harold Ransom

Snappy Service Station
Montrose Brick & Tile Co
Lafayette Storage Inc #244
Chas. Hollister, mgr.

Samuel Burgess
By E. F. Burgess

Chas. Ben Rosenberg

MONTROSE PRODUCTION CREDIT ASSN.
MONTROSE, COLORADO

By M. Murphy Sec. Treas.

J. A. Spring M.D.

Sandy's Hotel

by Ralph Sandy
Montrose Colo

Harold K. Jackson
Montrose, Colo

Print Office Supply

G. L. Smith
Mafine's Beauty Shop
Mafine's Dress

San Juan Garage

MONTROSE, COLORADO

By Marshall G. G. Proprietor

J. J. Gatolet Contractor
Montrose Library Commission
by Mark T. Stamer President.

Walter W. Brown

Supt of Montrose Co. Schools.

K. S. Lamine, Supt.

Montrose County High Schools.

Max Cuffman - assistant

Prin. - Montrose High School.

Harry V. Foster Supt. of
School Dist. No. 1

Rev. A. E. Petzer

Pres. Montrose Ministerial Alliance
Pastor, First Baptist Church.

MONTROSE FLOUR MILLING CO.

W. Ashmeier, mgr.

Kartman Sanitarium

E. P. Kartman

VALLEY FUEL AND FEED CO.

By W. J. Gilchrist

Dr. Paul A. Davis & Co.

Dr. Paul A. Davis & Co.

J. B. Milton M.D.
Charles E. Lockwood M.D.

STIVERS & STIVERS

ATTORNEYS AT LAW

MONTROSE, COLORADO

By John Stivers

Jaciah Huettner Montrose Colo
N.H. Robison Montrose
E.V. Ingels D.D.S. Montrose

Hotel Chupeta

G. C. Bates owned

Paso-Artic - by A.H. Ingels - Montrose, Colo.

McPeck Sales & Service
by McPeck Montrose Colo

Luther Rhodes

Montrose Colo

Manufacturing Co
Prox Grande Inter. Way Inc.

Dr. Rutherford M.D. Montrose Colo

Mrs. Geo. Harber

Western Slope Hotel Montrose Colo

or B. Miner Garage

J. P. Hartman,

Montrose County Extension Agent

Paul Walker

W. S. Spencer

Maam Sun Sta

at Maam Montrose Colo

American Legion Post # 73

by W.H. Kramer, commander

The Independent Lumber Co.
Charles A. McLean manager

J. B. Pearson - Principal of
Public School,
Olathe, Colo

Olathe High School - R. Anderson
Owner

Olathe Potato Assoc
W. Johnson mgr

Burns & Bay
Curb

Olathe Elevator

Got By R.M. paper

Nobley Jan Cook Olathe Colo
Olathe Public Library - J.O. French

Montrose Advertiser

Merde Armstrong
W. Horse

Rub Electric Service
By Phil

Lead & more

W. A. Trapp
E. A. D.

Mrs Olive Wares

Handy Hamburg shop
Montrose Colo

Wannic's Variety Store

L. J. Rose

Montrose Redwood Co

By B. M. Brook

Gordon Store

By Edith Nelson

Young Felician Furniture Co
W. Stupp kindred

Hess Drug Store

W. D. Austin

Gifford Agency

Gifford Business School
By J. H. Gifford

Norman A. Johnson
Physician & Surgeon

Montrose Beauty Shop
By Elsie Daise

E. J. Benson Central Hotel

M. D. Harris
City Market Grocery

Ellen's Beauty Parlor.
Ellen M. Potter.

The Stanton Cafe

By J. J. Reynolds

W. S. Simpson
Insurance Co

Montrose Electric Co.

By H. J. Hooker

Menke Shoe Shop

By F. A. Menke

Barbour Motor Co

C. R. Barbour

Morris Furniture Co

M. R. Morris

Sweets Creamery

Al Collins

Conoco Service Station #1

By Neely Loper

Montrose Machine Shop

W. R. Bower

Kramer Coal Co

By W. H. Kramer

The Montrose Fruit & Produce Ass'n.

By Carl Rice - Trgo.

J. Owen Graham

Mary Hecrup

By M. A. Macy

NUCKOLLS PACKING CO.

MONTROSE, COLO.

By C. S. Sage

MONTROSE ELEVATOR

H. P. W. S. & Co.

Will Watts, coal & Produce
by Will Watts.

Dean Mason Silver, State Bank shop
by Dean Mason

J. J. Deever
Busy Corner Pharmacy
by Ernest Dames

F. W. Woolworth Co 1681
by R. Harris

Brain's Store
By Doris Pinkstaff
M. B. Barton Lumber Store
Imperial Street, City -
Eugene Imperial

George Turner
mgr. State Employment Service

Tubin Motor Service
Whitin Prop.

White Eagle Stevedore & Ship Chgs.
E. J. Carrington, Prop.
Carrington Chevrolet Co

Watson Apartments
Olea E. Watson
John S. Fortis

Coyote Station #2 E. W. Hubert
Snokie's Bakery
By Elmer Snobe.

Belvidere Hotel
John Souder

East Main Food Mart
By C. L. M. Lemoore, mgr
O. J. McDuffie, Com.

Maytag Electric Shop
Mantrose Paint Store
by Dixie Lytle
By Ralph Long

The Morrison Funeral Home
by W. A. Kinsey

City Steam Laundry
H. Criswell & Sons
Frank C. Hall.

Phillips 66 Dist.
R. A. Peterson

Heidelman Cleaners
E. Heidelman

Art and Humerities Shop
Mrs. A. W. Knott

Ly Vern Story Optometrist
Sally Ann Barry Montrose
Dist. & Inc. mgr. Colo.

Western Colorado Paper Co
1221 Dowd

The Apparel Shop
by W. T. Fox owner

O'Neel's Chocolate Shop
J. E. O'Neel

Hearst Hotel
Enola Hamilton

Herman F. Schulte - Commander - Harry A. White Post #65 - Am. Leg. Delta, Colorado.

Delta Seventh Day Adventist Church Lester L. Patton Elder.

City of Delta Colorado

By J. J. Jeffers Clerk

J. Brunner 722 1/2 E. 7th St. Delta

Renfrow's Grocery - W. E. Renfrow

Journey Radiator Shop
C. J. Journey

R. M. Simmons

THE GRAND MESA LUMBER CO.

Z. Hall Mgr

General Insurance Office

J. Hardung

Swift Co. X Dungan

Delta Tire Repair Shop
E. L. Kepler
John S. Robertson

GLENN BRUTON'S
MOBILES STATION
2ND AT MAIN - DELTA, COLO.

Glenn Bruton

Delta Steam Laundry by Mrs. Charles Day

Columbine Hotel

Altha Lincoln

From VALLEY TIRE SHOP
255 MAIN, DELTA, COLO.

J. B. Wood

The Independent Lumber Co.

DELTA HARDWARE & SUPPLY CO.
DELTA, COLORADO

By A. M. Swann - Mgr Delta, Colo.

Linclair Station Delta

Thomas Hensley
Delta Sportsman Assn.
Black Line

By A. B. Clark

DELTA COLORADO
Red Crown Service
H. S. BROADHEAD

W. Deery

Karek Mart Foot

W. Deery

Journey Grocery & Market

Ced: dge, Colorado

Mar. 8 - 1940

To Dr. Paul R. Franke, Superintendent,
Mesa Verde National Park.
Mesa Verde, Colorado.

Dear Dr. Franke:

We the undersigned Clubs and Representative Organizations
of western Colorado, respectfully petition you to use your best
efforts to have the States Red Mountain Coal Mine set apart as
a National Monument.

W. Taylor Hotchkiss
Hotchkiss Merc Co.
Geo. Karner

City Market Hotchkiss
Bob Olson

The little Cafe
Mamie Davis

Decker Jewelry Store
Hazel Decker

Tuttle Garage
By Geo H. Tuttle

Duke Hanson Merc. Co.
H. F. Denting

W. H. Maupiro Barber Shop
A. P. McLain

Wilcoxon's Store.
Jessie H. Wilcoxon.

Robertson Drug Co.
By H. D. French Mgr.

Wiggins Merc. Co. Hotchkiss
Albert Wiggins

Park Clothing Co.
Ground at corner

W. W. Bailen (Dentist)

Pat & Karl Beauty Shop
Erla Wilener

Mutual cry Station
W. W. Wynn

Sharty's Cafe
Alon & Nanni
Geo Wynn

Jae Barnie Groc.

Jae Barnie
Super Sewer Garage

J. M. Bundy

Dorothy M. Sellars
Principal of Hotchkiss Grade School

Bay Service Station
Lester L. Branon

Wahl's Radio Service
Stuart Wahl

H. R. Sore Hotchkiss
Hardware store

Ben H. Lyle Hotchkiss
Hotchkiss Hotel
By Mrs. Grace Tucker

McKnight Bros
By Bruce McKnight

White Eagles Sta
W B Fisher

Geo R. Robertson
Hotchkiss Colo,
Robertson Second hand Store

Ind F & Co

T A Kelly
The Modern Photo Shop
W D McCabe

Hotchkiss Public Schools
Ray G Denton, Supt
Martha Savage, Principal

Douglas Tourist Camp
Alvin G Douglas

Douglas Apartments
Clayton Douglas

Green Lantern Cafe
Viola Monroe
Clarence Monroe

The Chas. R. Neill Agency
Hotchkiss, Colo.
by Chas Neill

A G Bacon
Bacon's Feed Store
Gen Repair

Rev. Paul A. Shields.
Pastor Methodist Church
By Mrs. Shields.

Comfort Rooms.
By Alta W. & in.

W C Harding Hotchkiss Colo
Real Estate

E B Faber
Resident Engineer
Colo. State Highway

W W Masterman
Mayor of Paonia
Paonia, Colo.

Arthur Craig
Publisher, the Paonian

M. R. Rughenbaugh

E E Hefty. Mgr
The Independent Lumber Co.

The Oliver Coal Company
John O. Hazard
Paonia Colorado

J. A. H. Beck, Paonia, Colo.

Booth Barber Shop
W R Booth

Mrs John Cordray
Mgr. Western Union

Dr W.E. Haley Paonia
 Wiley's Bakery Paonia
 Run by M. Wiley
 Bede Franklin store Paonia
 C.L. Heberer
 Paonia Beer Garden Front Brewery
 Service Sta. Paonia
 John Aime.
 C.D. Hailey, D.D.S.
 Paonia, Colo.
 Glenn W. Menary
 Driver for the Grand Motorway
 Paonia, Colo.
 H.A. Williams Supt. High
 School, Paonia, Colo.
 George E. Stafford
 Paonia H.S. Principal
 Pres of Archaeological Soc.
 Ute Chapter.
 Genevieve Weyrauch
 Second Grade Teacher - Paonia, Colo.
 Vice-Pres. - Ute Chap. of Colo. Arch. Soc.
 Anna G. Young
 Grade Principal
 Davis Rooming House
 Mrs. Josephine Davis
 Crawford Rooming House
 Mrs. Walter Clock

White Eagle Station
 Bob Crawford by Tom Husted
 M. L. Hammond Paonia, Colo.
 William Leverage
 Fisher Paonia
 Paonia, Colo.
 North Fork Cr Station
 By Lura M. Atkins
 Taylor Fur Co.
 By Ray Willis
 Painter & Decorator
 P. C. Dale
 Mr. D. Darnman
 John Teutenhara
 Beckman Shu Shop
 Thadde Beckman
 Safeway Stores
 Paonia by L.M. Cox
 Coal Dealer
 Bert N. Crawford
 Mrs. Roy B. Howard Paonia, Colo.
 Roy B. Howard
 Howard's Cash Hardware
 FIRST NATIONAL BANK, PAONIA, COLO.
 Powder Puff Shop.
 Grace White
 Lucile Melkellin (teacher)
 Lena Tolson (nurse)
 M. F. Jacobs (teacher)

J.B. Penney Co. Paonia
W.H. Hochman mgr.
Yamble Store Dealer
By W.M. Ireland mgr
Paonia Hotel and Cafe
Milo Schuit mgr + owner.

Ben Campbell Barber Shop.
Paonia

Paonia Pool Hall.
E.W. Paul check
Mgr.

Al Barber Shop.
A.F. Moellen P.
Paonia Colo.

Stewart's Cafe
Mrs. Gladys Stewart
Paonia, Colo.

Kerns Jewelry Store
L.M. Kerns.

C.V. Alton
Wetherick Blacksmith Shop
Chas H Wetherick

PAONIA FURNITURE & HARDWARE
By M. McCallister
Palmer & Joselyn Inc
R.A. Sutliff

Hartwells Store.
Mrs Frank D. Hartwell.
Ericsson Repair Shop
W.M. Ericsson

Beatrice Cream Station
A.B. Ulrey manager
E. J. Heilig Dr. Paonia, Colo

Mrs Lora Tripp (W.C. L. Libman)
Rooming House - Jane Rhoads
mgr. Virginia Allison - Sec

Mrs Adelia C. Rose.
(The Paonia Hospital)
(Mrs. W.E. Haley)

Allison Food Store
C.A. Allison.

Casco Station
By C. Darman

The Delta County Co-Operative Telephone Co.
By J. Stone, Secretary

Hawkins Office
By D. Hawkins

Paonia Chamber of Commerce
By D. Hawkins, Pres.

Flukes Shop
R.H. Fluke mgr.

E. J. Peiner
George Lorsch.
F. W. Woody.

Mrs. Millard Hall
Quinn Bty Shop.
Dr. L. G. Dabshaw
A. Saunders
M. & P. Clo. Store.
J. E. McClurg.
H. R. Graham
H. Z. McClure

Beament Auto Service
Carl H. Beament.
Armstrong's grocery
of Karanstrong

Tripp's Cleaning Shop
by
D. M. Tripp.
Mrs E. H. Hailley

~~A. A. Chasman~~
E. M. Ligg (Manual training teacher)

Frank Cash store
by L. B. Willis
Verona Allen
Bowie Teacher

a J Wiley
Outside Foreman - Oliver Coul Co

Ernest L. Nagan
Bowie, Penn-
Mrs John S. Bowie
Bowie, Colo.
Mrs John W. Beezley
Pres. Pannonia Womens Club.
Helen D. Beezley
Pannonia, Colo.

Mrs. Claude E. Cokley
(Methodist Church)
Pannonia, Colo.
Robert H. Jay, Pastor, Pannonia
Friends Church.

Mrs Robert Jay -
Tyler Studio
Chas F Tyler
Rev. H. J. Maley - Pastor
Pentecostal Assembly, Pannonia

Bross Hotel
Mrs Elee De Woody
Sean Winters
Principal Lazeau Sch.

Jennie W. Mc Muller
Lazeau, Colo.
Rayden J. Guler, Lazeau Colo
Thos Lantz, Lazeau, Colo.

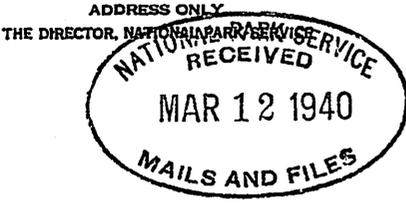
Dr. T. J. A. CPR 3/11

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

*Mr. [unclear]
Mr. [unclear]
Mr. [unclear]*

March 11, 1940.

MAR 13 REC'D



Memorandum for the Director:

In reply to your inquiry regarding Mr. Tolson's memorandum of February 27 in which he inquires about the proposed national monument at Cedaredge, Colorado, I have not as yet visited the area which is one of those included in my proposed itinerary for this spring. I have, however, discussed the area with Dr. Brown of the American Museum of Natural History and he has explained that these are some of the finest tracks that he has ever seen. The American Museum spent a considerable amount of money in moving a large slab for display in New York City. Local interest for the national monument apparently is gaining considerable momentum.

An exhibit of this type cannot be evaluated without a visit because we have no knowledge of the extensiveness of these tracks, their accessibility, nor in what form they are presented to view other than that they are in the roof of the mine. A recent letter from the mine owner, Mr. Charles G. States, calls attention to the fact that recently fossil bone material was discovered in a new room. It is my understanding that mining has been stopped in the room in which the fossil dinosaur tracks were discovered. Whether or not the area is suitable for a national monument can be determined only by careful examination.

Carl A. Prager

Chief, Naturalist Division.

Enclosure 2113957

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO

March 14, 1940.

Mr. Charles G. States,
Cedaredge, Colorado.

Dear Mr. States:

Reference is made to your letter of March 5 requesting that Regional Geologist Gould prepare a statement recommending to the Board of Directors of the Grand Junction Chamber of Commerce that the States Red Mountain Mine be set aside as a national monument.

Regional Geologist Gould resigned from this Service on February 1. Your request is being submitted to our Washington Office for action.

Sincerely yours,

Milton J. McColm,
Acting Regional Director.

cc: The Director. 

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO

NATIONAL PARK SERVICE
RECEIVED
MAR 18 1940

~~Mr. Little~~
~~Dr. Russell~~
March 14, 1940. 3/20/40

Memorandum for the Director:

There is attached a copy of Charles G. States letter to former Regional Geologist Gould requesting that a recommendation be prepared by him for the Grand Junction, Colorado, Chamber of Commerce Board of Directors, and that copy be sent to Mr. States at Cedaredge, Colorado. His request is made as a result of the interested petitioners to have the States Red Mountain Mine (Dinosaur Tracks) created as a national monument.

~~Mr. [unclear]~~
Mr Collins
For reply as per
phone
conversation
Trager

It will be appreciated if your Office would take the necessary steps to comply with Mr. States' request.

Encl. 1831882.

Milton J. McColm
Acting Regional Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO

Art
Thompson
M. Littleton
March 15, 1940. *File*



Memorandum for the Director:

Under date of March 9 there were forwarded to you certain petitions to have the States Red Mountain Mine (Dinosaur Tracks) established as a national monument. There are enclosed additional petitions in this regard just received in this Office.

Milton McColm
Acting Regional Director.

Encl. 1831886.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

39
Mr. C. C. [unclear]
Mr. [unclear]

March 15, 1940. *Please note*

MEMORANDUM for the Regional Director, Region III:

This acknowledges your memorandum of February 27 about the dinosaur tracks in the States-Red Mountain Coal Mine at Cedaredge, Colorado. I am enclosing a copy of a memorandum from the Chief of the Naturalist Division, Earl A. Trager, who expects to visit that area this spring.

Until we have Mr. Trager's report no further action will be taken.

(SGD) J. R. WHITE
Acting Associate Director.

Enclosure 1859712

JRW:mcđ

Dinosaur

*Collins
Trager
Russell
Allen
John
Sweeney*

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

March 22, 1940.

MEMORANDUM for Regional Director, Region III.

I have received the Acting Regional Director's memorandum of March 14, enclosing his letter of the same date to Mr. Charles C. States concerning the States Red Mountain Mine in Colorado. I note also the copy of Mr. States' letter of March 5 to Dr. Gould.

It does not appear logical to me to undertake establishment of the suggested national monument, at least on the basis of the information now at hand. Irreconcilable factors appear in the proposition as I see it. There are no funds available to this Service for the out-right purchase of the mine. Mr. States appears to be making a good living there and to want to continue his operations. The suggestion as it now stands appears to involve making a public service enterprise out of an active mine. I should think that, from the standpoint of safety alone, adequate arrangements for protection of the public and the mining operations would be an exceedingly difficult problem.

Mr. Trager, Chief of the Naturalist Division, expects to visit the mine some time during the forthcoming summer and at that time will make a further analysis of the situation. In the meantime, I prefer not to make any decision for the Service in the matter unless, of course, additional facts are brought to my attention upon which decisive comment can be based.

In the circumstances, I do not see how I can write to the Secretary of the Grand Junction Chamber of Commerce, as you suggest. Your office should make the necessary reply to Mr. States.

(SGD) Arno B. Cammerer
Director.

GLC:nrs
cc: Region III
BRLPSC-Room 5214

little

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

March 25, 1960.

Memorandum for Regional Director, Region III.

This will acknowledge receipt of your memoranda of March 9 and 15 transmitting petitions from Colorado residents concerning a proposal to establish the State of Red Mountain Coal Mine as a national monument.

Chief, Land Planning
Division.

cc: BRLEPSC -- Room 5214

WEL-fnd

Mr. Trager
H. A. Tolson
3/29/40
D
File
(initials)

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO



March 25, 1940.

Memorandum for the Director:

In response to Mr. Trager's memorandum of March 19 concerning Mr. Richey's proposed plans to inspect the fossil bones at the States Red Mountain Mine (Dinosaur Tracks) near Cedaredge, Colorado, Mr. Richey, or some other Region III Headquarters representative, will be glad to accompany Mr. Trager about the latter part of May for the aforementioned purpose.

Hilroy A. Tolson
Regional Director.

cc: Mr. Richey.

0.35
States - Red Mountain

*File
enc*

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO



March 26, 1940.

Memorandum for the Director:

HRP

In compliance with Mr. Trager's request of March 21, there is attached a copy of Regional Geologist Gould's report entitled "Investigative Report on Dinosaur Tracks States-Red Mountain Coal Mine, Delta County, Colorado" of December, 1939, for your files.

Hilroy A. Tolson
Regional Director.

Encl. 1898154.

*0.35
States-Red Mountain*

Cedaredge, Colorado.

March 30 1940

To Dr. Paul R. Franke, Superintendent,
Mesa Verde National Park,
Mesa Verde, Colorado.
Dear Dr. Franke:

We the undersigned Clubs and Representative Organizations of Delta County, Colorado, respectfully petition you to use your best efforts to have the States Red Mountain Coal Mine set apart as a National Monument.

Delta County Medical Society

*J. Colley Fownden M.D.
President.*

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

REGION THREE
SANTA FE, NEW MEXICO



W. B. ...
W. B. ...
W. B. ...
APR 10 REC'D
W. B. ...
W. B. ...
April 5, 1940.

Mr. Charles G. States,
Cedaredge, Colorado.

Dear Mr. States:

Reference is made to your letter of March 5 to former Regional Geologist Charles M. Gould of this Service, to Senior Archaeologist Nushaum's letter of March 13, and Acting Regional Director McCole's letter of March 14, in regard to the proposal to establish the States Red Mountain Mine as a national monument.

As you were advised on March 13 by Mr. Nushaum, this Service is interested in the remarkable dinosaur tracks located in your mine and Mr. Earl Trager, Chief of the Naturalist Division of our Washington Office, who is a geologist, is planning to visit you and your mine sometime during the coming summer to inspect the dinosaur tracks. Following Mr. Trager's inspection and the submission of his report to the Director of this Service, determined whether it will be possible to consider recommending the establishment of the dinosaur track area of your mine as a national monument.

From the information now at hand, certain irreconcilable factors appear in a proposition to establish a dinosaur track exhibit area of a mine as a national monument. Among them are the fact that there are no funds available to this Service for its purchase; the fact that you, apparently, desire to continue your operations either in, or in the vicinity of, the exhibit area, which would involve making a public service enterprise out of an active mine; and the fact that, from the standpoint of safety alone, it would be exceedingly difficult to make adequate arrangements to protect the visiting public.

In view of the foregoing, and, pending the investigation of the proposed monument area by Mr. Trager sometime during the coming summer, it is believed that it would not be advisable to write to Secretary Wood of the Grand Junction Chamber of Commerce, as suggested by you,

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States - Red Mountain

that the proposal should have the support of the people generally and that this Service feels that the movement to establish the area as a national monument is thoroughly justified.

Your interest in the preservation of the remarkable dinosaur tracks in your mine through the establishment of a national monument is sincerely appreciated.

Sincerely yours,

Hillary A. Tolson,
Regional Director.

cc: The Director. ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
REGION THREE
SANTA FE, NEW MEXICO

*copy with
to [unclear]
Mr. [unclear]
R. Russell
4/10/40
Naturalist Dir*



April 5, 1940, m & F.

*Proposed
National
Monument*

Memorandum for the Director:

For your information I enclose a copy of the letter of April 1, from Mr. Charles G. States, owner of the Top Coal Mine, Cedaredge, Colorado, relating to his engendering of petitions to establish the dinosaur track exhibits of the mine as a national monument, and enclosing a copy of the petition signed by the President of the Delta County Medical Society.

Mr. Trager will be interested in the report and finding of another bone, presumably dinosaur, in the nut coal of the mine.

Jesse Nusbaum
Jesse L. Nusbaum,
Senior Archaeologist.

Encl. 1738173.
cc: Mr. Trager.

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States Red
mountain*

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TOP COAL MINE

File

GOOD CLEAN COAL
HIGH IN HEAT—LOW IN ASH

CEDAREIDGE, COLORADO, May 27 '40

Dear Mr. Trager:-

Am pleased to send you the sample of crude oil found in two different spots in the States Red Mountain mine. This sample is from one place only.

am getting an estimate on timbers and ties which was mentioned when I saw you in Grand Junction. Expect to mail this on next mail.

Sincerely yours,
Chas. G. States

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

June 10, 1940.

Mr. Charles G. States,
Cedaredge, Colorado.

Dear Mr. States:

Upon my return I received the sample of crude oil referred to in your letter of May 27 and this is being submitted to the U. S. Geological Survey for examination.

As soon as time permits, a report will be submitted to the Director outlining our findings in relation to the dinosaur tracks, and I shall incorporate in this report the estimate which you have submitted for the necessary timbering, if it should be decided to open this mine to the public.

Sincerely yours,
(SGD) Earl A. Trager

(SGD) Earl A. Trager
Earl A. Trager,
Chief, Naturalist Division,
Branch of Research and Information.

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States - Red Mountain

*original signed
+ sent
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etc*

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

June 10, 1940.

Mr. Hugh D. Miner,
U. S. Geological Survey,
Washington, D. C.

Dear Mr. Miner:

I recently visited the States Red Mountain Mine near Cedaredge, Colorado. This is the mine in which the large dinosaur tracks 39 by 45 inches in size with a stride of about 17 feet have been discovered in the roof. The owner has offered to donate one section of the mine to the Federal Government, if it is interested in establishing a national monument to preserve the beautiful tracks.

Mr. States, who owns coal mines at several levels in Red Mountain, told us of encountering oil seepages near coal in his upper mine, the Top Coal Mine, which does not contain dinosaur tracks. I believe, however, that dinosaur bones are reported to have been found in some of the coal mines from this level. Mr. States was not present at the time of our visit, and the person who took us through the "Dinosaur Mine" was not authorized to take us to the oil level. We later visited Mr. States in Grand Junction, Colorado, and he promised to send me a sample of the crude oil. This I am forwarding to you herewith. He tells me that in a few places enough of this oil is dripping into the mine to form a small pool.

I have never seen oil this heavy in such large quantities, and thought that you would be interested to know of the occurrence. You may wish to have a few simple tests made to determine the nature of the product and if so, I shall be pleased to learn the results of any such tests. I have oftentimes seen small pockets in quarries of fossiliferous rocks contain possibly a tablespoonful of heavy oil similar to this, but never as much as has been collected in this jar.

Sincerely yours,

Earl A. Trager,
Chief, Naturalist Division,
Branch of Research and Information.

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Red
Mountain*

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COPIES ONLY RECEIVED IN MAIL ROOM

Signed & returned

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etc*

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

June 18, 1941.

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States Red Mt
Coal mine*

MEMORANDUM for Mr. Ben Thompson.

I have reviewed the reports on the dinosaur tracks near Glen Rose, Texas, and those found in the States-Red Mountain Coal Mine in Colorado and believe that the former area would be more attractive as a dinosaur exhibit. Before a reasonably accurate appraisal of the Texas occurrence can be made, however, more exploration is necessary and has been recommended as a WPA project to Dr. Sellards, Director of the Texas Bureau of Economic Geology.

I suggest that we hold the consideration of the States-Red Mountain Coal Mine area in abeyance pending further investigation of the Glen Rose, Texas, area, as far as dinosaur tracks are concerned. The suggestion that the Colorado area be established to tell the story of coal is still valid, but I would prefer to see an area in Pennsylvania or West Virginia chosen for this purpose. Until the field has been more thoroughly canvassed, I believe no decision on the Colorado area should be made.

J. E. R. [Signature]
Acting Chief, Naturalist Division.

Enclosure 2535597

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

WASHINGTON

June 24, 1940.

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

Dr. E. H. Sellards,
Director, Bureau of Economic Geology,
The University of Texas,
Austin, Texas.

My dear Doctor Sellards:

I wish to acknowledge your letter of June 15 and thank you for the frank manner in which you have discussed the several fossil dinosaur track localities recently excavated in Texas.

In view of the expense involved in protecting these tracks from submergence by the river during high tide and the necessity for excavating into a high bank if the tracks are to fall away from the river, I shall recommend that no further action be taken until someone from this Service has had an opportunity of making a careful field check. Preservation of the tracks in the coal mine at Cedaridge is now under consideration and interest in the Texas deposits is dependant in part upon the disposition made of the Cedaridge project.

If it is possible for you to obtain sufficient skilled laborers through WPA to move intact one of the largest tracks for exhibition in your new museum, this project is worthy of consideration, especially since weathering and erosion during high water may eventually obliterate those in the field.

Sincerely yours,

(SGD) Earl A. Trager
~~(SGD) Earl A. Trager~~
Acting Supervisor of Research
and Information.

ent:mam

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filed 10:36 Jeyas*

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State-Red Mountain
Coal Mine*

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TOP COAL MINE

GOOD CLEAN COAL
HIGH IN HEAT—LOW IN ASH

CEDAREEDGE, COLORADO,

August 2 1940

Dr. Earl A. Trager,
5411 S. Interior Bldg.,
Washington, D. C.

Dear Dr. Trager; -

We recently had a visitor, Irving G. Reimann, Curator Hall of Geology, Buffalo Museum of Service, Buffalo, N.Y. He told me things that I thought would be of interest to you; hence this letter.

He was present at a lecture by a scientist in Buffalo, where the speaker had paper that had been cut exactly the size of the dinosaur track exhibit at The American Museum of Natural History, N.Y., procured from the States Red-mountain Mine, Cedaredge, Colo.

Also he told me that they had secured plaster casts of the tracks from The American Museum, and had placed them on the wall, fifteen foot stride, in the Hall of Geology in the Buffalo Museum.

I asked him if he could secure an illustration of the Igeonodon. He answered that they had illustrations of the Igeonodon from restorations of those found in Belgium, and if I would write and remind him of it he would send me the booklet. I told him we were going to offer a prize for the best clay model so we could have a life size model made that could be seen from Highway 65 for advertising.

We feel that while the emergency for Defence is on, it is not likely the Government will consider our petition for a National Monument till times are more normal. And yet we feel also that the preservation of the natural wonders discovered by accident is a sort of emergency, which if preserved, will make us feel that our country is worth fighting for.

We received a letter from the Chief Coal Mine Inspector that we should not allow visitors in the mine. This, of course, was to relieve the state from responsibility. And yet in spite of these warnings, there was 190 visitors from April 26 to June 31st, not including yourself and party May 25th. We have made no charge and visitors must take their own risk.

We feel that somehow we must obtain enough money to timber the entry to pass inspection requirements so we can advertise and make reasonable charge and keep the attraction open to the public until the war emergency is passed and the Government can again take up the matter of a National Monument.

Very sincerely yours,

Chas. G. States

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

August 22, 1940.

Mr. Charles G. States,
Cedaredge, Colorado.

Dear Mr. States:

We are glad to note from your letter of August 2 that you are interested in making it possible for people to visit the unusual exhibit of dinosaur tracks in the States Red Mountain Mine.

Mr. Trager, to whom you addressed your letter, has left the Service but advised us of the results of his visit to your mine.

We wish you success in your plan to display these tracks.

Sincerely yours,

H. E. Rothrock,
Acting Chief, Naturalist Division,
Branch of Research and Information.

HER:cvc

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States - Red Mountain
Cool Mine