

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Moab, Utah

January 27, 1958

Memorandum

To: The Director
From: Superintendent, Arches
Subject: Superintendents Monthly Narrative Report, 2ml

General

Weather: Clear and cold during the first half of the period. Cloudy with two light snowstorms in the last half.

Travel: Arches travel count showed a slight increase over the same period last year with 333 visitors entering the area in 104 cars.

Administration

Personnel: Administrative Assistant, Arthur W. Sear was given three months leave-without-pay in order to attend to personal financial affairs in Denver. We hope Art will find his way clear to return in April.

Superintendent Wilson was called to Silver City, N. M. by his father's illness. He returned via Santa Fe, spending two days in the Regional Office and bringing his wife and two daughters back with him.

Cooperative Activities

State Park Planning: Four days were spent with a photographer for the Utah State Parks Commission in the Dead Horse Point- Junction Butte area.

Supervisory Ranger Pierson, on January 21, accompanied Resident Engineer Morrison, Area Engineer William Hyman, and Bridge Engineer Omar Houme on an inspection of the new Entrance Road.

On the same day Ranger Pierson accompanied Mineral Inspector Peterson, BLM, to a proposed borrow-pit site on State Route # 93.

Interpretive Activities

Interpretive Services: The register at the Wayside Exhibit was signed by 253 visitors and we estimate that 170 used the Cove Nature Trail.

Bates E. Wilson
Bates E. Wilson
Superintendent

Design and Construction

Project 1-A, Monument Entrance Road: On the bridge forms for the girders over bent # E have been completed and will be poured on the 29th. The hand laid rock protection wall on the south end is progressing very nicely and will be raised 10 feet higher than originally proposed. In the cut at Station 20 + 00 enough material was found to make the fill for the second parking area at Headquarters. The disposal of oversized rock from the cuts on both sides of North Courthouse Parking Area is presenting a problem. The La Sal Mountain- Courthouse Towers Overlook will be started as soon as the work order is approved.

Arches, Jan. 1963 2ml, page 2, D & C

UNITED STATES
DEPARTMENT OF THE INTERIOR

Arches National Monument
NATIONAL PARK SERVICE
Coeab, Utah

February 25, 1958

Memorandum

To: The Director
From: Superintendent, Arches
Subject: Superintendent's Monthly Narrative Report, 2nd

General

Weather: Stormy weather continued into the first half of this report period; however the last two weeks have been unusually warm and pleasant.

Travel: The two weeks of dry warm weather brought 592 visitors into the area in 182 cars and we show an increase of 72% over the same period last year.

Administration

Personnel: Cheo Yaboney entered on duty February 3, as Laborer.

A permanent full-time position of Operator General, Ungraded was established on February 6, in lieu of Maintenanceman, Ungraded position. This action was taken in order that Merle Winbourn's duties would conform to those outlined in ID-W1-81.

Visitors: Arthur Baclawski, WODC, February 18 & 19.
William Heyman, BFR, " " "
Joseph Muench, February 17.

Sanitations: Invitations to Bid have been distributed for a Movable Restroom(Trailer) to be used at our Headquarters Area Checking Station until the Visitor Use Center, which was deleted from the 1959 program, is constructed.

Cooperative Activities

Bureau of Public Roads: Superintendent Wilson accompanied Arthur Baclawski, WODC, William Heyman, BFR, & Lloyd Morrison, BFR on an inspection tour of the new entrance road, Project 1A, February 18 & 19.

Utah State Highway Dept: Permission was obtained from District Engineer Jim West to place our new entrance sign opposite our turn-in on the right-of-way south of the highway. A request was also made for the replacement of our boundary markers which were taken out during the realignment of US-160 and a check of the records to determine if the Midland Tel. Co. had been paid for replacing two telephone poles on the right-of-way.

Interpretive Activities & Development

Interpretive Services: At the Wayside Exhibit the register was signed by 193 visitors and we estimate that the Cove Nature Trail was used by 96.

General Publicity: The Moab Times Independent carried two front page stories on the area with pictures showing the Rock slide on the new road and Landscape Arch as featured in Cecil M. Ouellette's article in this March issue of Desert Magazine.

Operations

Maintenance: The warm weather of the last two weeks left no frost in the ground and Operator General Merle Winbourn has been able to give our entire road system a Spring blading almost ahead of schedule. The surfacing of the washed-out sections of the road continues and all washouts on the trails have been repaired.

The construction of a fence along the new alignment of US-160 has been started and we are waiting for delivery of wire and steel posts to finish the job. The purpose of this fence, one mile in length is to keep stray stock out of the Headquarters Area.

Bates E. Wilson

Bates E. Wilson
Superintendent

Arches February 1958, 2ml, page 2.

Design and Construction

Project 1A, Monument Entrance Road. The contractor was operating under partial resumption order from 1/20 to 2/16, when the contract was resumed on a full time basis. As of 2/22 189 days were used and the project estimated at 49% complete.

The material from the rock slide which occurred on 1/28 between Sta. 21¹/₅₀ and Sta. 23 was removed. The exact yardage has not been determined; however it is estimated to be between 2000 and 3000 yards. The derrick placed rock was completed against the south bank of Courthouse Wash at the bridge site and raised 10 ft. higher than was originally planned. All girders on the bridge have been poured and forming has been started on the floor slab. The spur road to the LaSal Mt. Overlook has been roughed out and pipe placed. A great deal of difficulty has been encountered in disposing of excess large rock in all cuts and grade raises of $1\frac{1}{2}$ ' to $2\frac{1}{2}$ ' were designed at Sta. 176 to 187 and Sta. 210 to 220 to dispose of this excess material.

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
MONTHLY PROGRESS REPORT

R₂

Area Arches National Monument

CHECK BELOW THE PROJECT USED:

BUILDINGS AND UTILITIES NPS ROADS AND TRAILS BPR ROADS AND TRAILS

REPORT FOR (Month and year)
February 1958

F. Y. PRO. GRAM	ACCOUNT NUMBER LOCATION WITHIN AREA AND PROJECT TITLE	PCP NO.	DRAWING NO.	AMOUNT ALLOTTED AND DATES	CONSTRUCTION		REMARKS AND CONSTRUCTION AGENCY: (D & C, (R), OR (A))
					CONTRACT (C) OR DL	% COMPLETE	
1	2	3	4	5	6	7	8
458	521.1 Rte. 1, Monument Entrance Road.	R-53-2	PS&E 5/16/57	\$581,013.46	C	7/19/57 6/30/58	D&C Bid advertised 5/16/57 Bid accepted 6/27/57 Contract No. 14-10-0100-772 Strong Construction Co. Springville, Utah
							The contractor was operating under partial resumption order from 1/20-to 2/16, when the contract was resumed on a full time basis. As of 2/22 189 days were used and the project estimated at 49% complete. The material from the rock slide which occurred on 1/28 between Sta. 21/50 and Sta. 23 was removed. The exact yardage has not yet been determined; however it is estimated to be between 2000 and 3000 yards. The derrick placed rock was completed against the south bank of Courthouse Wash at the bridge site and raised 10 ft. higher than was originally planned. All girders on the bridge have been poured and forming has been started on the floor slab. The spur road to the LaSal Mt. -Courthouse Towers Overlook has been roughed out and pipe placed. A great deal of difficulty has been encountered in disposing of excess large rock in all cuts and grade raises of 1 1/2' to 2 1/2' were designed at Sta. 176 to 187 and Sta. 210-220 to dispose of this excess material.

UNITED STATES
DEPARTMENT OF THE INTERIOR

A 2823

NATIONAL PARK SERVICE
Arches National Monument
Moab, Utah

March 25, 1958

Memorandum

To: The Director
From: Superintendent, Arches
Subject: Superintendent's Monthly Narrative Report, 2ml

General

Weather: Rain, snow, wind, and a little sunshine made up our weather picture for this month.

Travel: During the one week of clear weather most of the 557 visitors entered the area in 174 cars and we show a slight (5%) increase over the same period last year.

Visitors: Kenney Saunders, Regional Architect - February 25 & 26.
Frank Smith - Museum Curator - March 14.
Davy Jones, Park Naturalist - March 20 & 21.
Jack Turney, Archaeologist - March 25.

Special Activities: Two full days were spent in working up a program in response to Mr. Canfield's memorandum concerning Step-up in Rate of Construction. The program consisted of 14 projects for which plans are ready or almost ready.

Administration

Personnel: Chas Yabency, Laborer, was terminated on March 7. We hope that Chas landed his job with the oil-well rig, but if he didnt that he will return to Arches.

Inspection of Surplus Equipment: At the Natural Bridges AEC Camp Kenney Saunders and I inspected a number of very usable buildings and utility items. This camp is located only two miles from Natural Bridges Headquarters.

Cooperative Activities

Bureau of Public Roads: Numerous inspections were made with Resident Engineer Morrison on the new entrance road mainly pertaining to road-side finishing and obliteration.

USGS: Two trips to the bridge site were made with USGS personnel to locate a site for their water flow gauge.

Interpretive Activities and Development

Interpretive Services: At the Payside Exhibit the register was signed by 292 visitors and we estimate that 146 of these visitors used the Cove Nature Trail.

Interpretive Planning: Two days were spent with Davy Jones planning the exhibits in detail along the new entrance road.

General Publicity: On March 9, the Salt Lake Tribune carried a full page spread on the construction of the new entrance road and again on March 16, they printed a picture showing construction work. The Moab Times Independent on March 12, printed a full MISSION 66 program for Natural Bridges.

Operations

Maintenance: The one mile of fence along the new alignment of US-160 was completed.

Bates E. Wilson
Bates E. Wilson
Superintendent

Arches, March 1966, Encl. Page 2

Arches National Monument
Moab, Utah

April 28, 1958

Memorandum

To: The Director
From: Superintendent, Arches
Subject: Superintendent's Monthly Narrative Report, 2ml

General

Weather: Except for one week of warm sunshine, our weather has been overcast, windy, and on the cool side.

Travel: In spite of unfavorable weather we show an increase this month of 49% over the same period last year. Easter Sunday, which accounted for 805 of our visitors was responsible for a good portion of the increase. The total for the month was 2,155 visitors in 583 cars.

Visitors: Davy Jones, Region Three, April 16, 17, 18.
Earl Jackson, SWAC, April 15, 16, 17, 18.
Harold Marsh, SWAC, April 15, 16, 17, 18.
Mr. Ed. Ferdon, Museum of International Folkart, Santa Fe, N.Mex, April 16, 17, 18.
Miss Ferdon, Santa Fe, New Mexico, April 16, 17, 18.
Chuck Krueger, WODC, April 22.
Mr. & Mrs. Dev. Butcher, Washington, D.C., April 20.
Tom Mathews, U. of Utah Glen Canyon Salvage Project, April 25.

Special Activities: Supervisory Ranger Lloyd Pierson accompanied the group from the University of Utah and Regional Office on an archaeological and recreation planning reconnaissance from Hite to the Glen Canyon Dam site. The group left Hite on April 16 with Frank Wright guiding, and we expect Lloyd back today.

Administration

Surplus Equipment: At the AEC Camp near Natural Bridges we have obtained some very useful equipment, such as two 12 X 20 foot portable buildings, oil, gas and water tanks, garbage cans, lumber etc.

5-14-68

Personnel: Mr. ~~Fred~~ Beavers of Denver has been interviewed and given a firm offer for the position of Administrative Assistant from which Mr. Arthur Sear recently resigned.

Cooperative Activities

Bureau of Public Roads: An inspection was made on April 22 by Chuck Kruger, WODC, of the new entrance road in the company of Resident Engineer Lloyd Morrison, Area Engineer William Heyman and Superintendent Wilson.

U.S. Geological Survey: Plans of the Courthouse Wash Bridge were supplied to the U.S. Geological Survey representative, Jack Pehrson to assist them in making plans for the installation of their water gauge.

Interpretive Activities and Development

Interpretive Services: At the Wayside Exhibit the register was signed by 1358 visitors and we estimate that 679 of these visitors used the Cove Nature Trail. Three guided tours were made with 72 in attendance and 4 orientation talks were given to 102 visitors. Seasonal Ranger Farnsworth contacted 746 visitors.

Interpretive Planning: Four days were spent with Interpretive Planners Jones, Jackson and Marsh in working out our exhibits, particularly along the new road. Two artists from Santa Fe, Ed. Ferdon and his sister, worked with us sketching in the geology. Prior to this groups arrival a half a day was spent with Robert Norman, Geologist for Delhi-Taylor Oil Co., while he checked our interpretive story of the geology of the area. Mr. Normans time was donated. In response to Mr. Jones request, 16 black and white photos were taken and sent to Santa Fe on the 26th of the month.

Operations

Maintenance: With practically no moisture and a heavy increase in travel the job of keeping our dirt surfaced roads in shape has called for the hauling of many yards of shale plating material.

Natural Gas Pipeline Revegetation: Roberts Nurseries crew spent nine days this month planting approximately 8,000 plants and hauling 21,000 gallons of water. The plantings were 50% Salt Bush, 35% Sand Sage, and 15% Black Bush. This numbers more than those that had died since last year.

Bates E. Wilson
Superintendent

Design and Construction

Project 1A, Monument Entrance Road: The placing of hand-laid rock around pipe has been started between Headquarters and the bridge.

Curb and gutters were poured around the Headquarters parking area and entrance, at the South Park Avenue and La Sal Mt.- Courthouse Towers parking areas. The retaining wall at station 39 was finished and at the bridge all false work and forms were removed and finishing operations were started. The guardrail on the bridge was installed and cleanup operations, including the backfilling of the channel change, removal of the detour and dike was completed. When sufficient water is collected to clean the face of the rock ledge where the channel change cut through obliteration will be completed.

Water for grading and placing of gravel is now being hauled from Salt Wash on the Delicate Arch View Point Road. The supply at Courthouse Wash was insufficient. The grading for the base course of gravel is very near completion and 4604 tons of gravel have been placed up to station 370/45. This gravelling includes all parking areas, sidewalks and the spur road south of the bridge.

The project is considered 69% complete.

Arches, D & C, April, 1958

Arches National Monument
Moab, Utah

May 26, 1959

Memorandum

To: The Director
From: Superintendent, Arches
Subject: Superintendent's Monthly Narrative Report, 2al

General

Weather: Warm days and very cool nights for the first two weeks. Hot days and cool nights for the last two weeks.

Travel: For the second month in a row we show a 45% increase over the same period last year. The only explanation we have for this increase would be the recent publicity on the construction of the new entrance road. A total of 2749 people entered the area in 839 cars.

Visitors: NPS
Sanford Hill, WODC May 20
Chuck Krueger, WODC May 20
EPR
William Hayman, Area Engineer, May 22
State
Jays West, District Engineer, May 22
Noted
Jack Breed, April 17
Senor Orestes Di Giacomo, City Editor (La Esfera) Caracas, Venezuela.
William B Williams, Member of British House of Commons.
College Groups
Dr Murdock with botany group, BYU
Dr Allred with Zoology group, BYU
Dr Rigby with Geology group, BYU
Dr Buss with Geology group, Weber College

Administration

Surplus Equipment from AEG: All the equipment at the Natural Bridges AEG Camp was loaded and hauled to Arches and Natural Bridges.

Personnel: Mr. Gerald Beavers entered on duty as Administrative Assistant May 18. He is certainly a welcome addition to our staff.

Cooperative Activities

Bureau of Public Roads: An inspection was made on May 20, of the new entrance road by Sanford Hill and Chuck Krueger, WODC, in the company of Resident Engineer Lloyd Morrison and Superintendent Wilson.

State of Utah: District Highway Engineer Jack West, in the company of William Heyman & Lloyd Morrison, BPR, and Supervisory Ranger Lloyd Pierson, inspected the finish work done by Strong Company on the portion of US-160 adjacent to Monument Headquarters. The placement of our new Entrance Sign was also discussed with Engineer West and formal approval of it's location is expected soon.

Interpretive Activities and Development

Interpretive Services: The register at the Wayside Exhibit was signed by 2246 visitors and we estimate that 1123 used the Cove Nature Trail. Six guided tours were made with 65 in attendance and two orientation talks were made to 43 visitors. One talk outside the area was given by Supervisory Ranger Pierson on the Glen Canyon Recreational Area. The talk was given to the Moab Lions Club and there were 35 in attendance.

Interpretive Plannings: Plans of the interpretive devices and signs have been received by this office and we understand that the Invitations to B&A has been completed on their construction. Directional signs to all interpretive turnouts have been completed here.

General Publicity: On May 2 the Salt Lake Tribune carried an article on the 50th Anniversary of Natural Bridges with it's proposed MISSION 66 Program. On May 18 the Salt Lake Tribune included Arches in it's Western Wanderland Issue. The Desert News in it's May 23 issue carried an article and pictures on the new Entrance Road.

Operations

Maintenance: During General Operator Merle Winbourn's absence on a road repair and moving job at Natural Bridges most of the shale plating on the road from Balanced Rock to Delicate Arch Parking Area was broken out by heavy loads of water hauled by the contractor on the new road. Repair of this road was started this week with Merle back at Arches.

Bates E. Wilson
Bates E. Wilson
Superintendent

Design and Construction

Project 1A, Monument Entrance Road: The center line blue tops for fine grading have been set. Permanent markers and reference points have been established. All concrete curb and guttering are complete. Prime coating of oil is almost complete except for from about Sta. 5 to 140 and should be completed very shortly.

Percent complete as of May 17 - 82%.

Arches, May 1953, D&C, Supts. Monthly Narrative

Arches National Monument
 Moab, Utah

June 27, 1958

Memorandum

To: The Director
 From: Superintendent, Arches
 Subject: Superintendent's Monthly Narrative Report, 2ml

General

Weather: June has been a hot month; many days with the thermometer up in the low 100's.

Travel: Travel this month has remained about the same as the same month a year ago. 4,736 visitors entered the area in 1,480 cars.

Visitors: Neil Grumigen, WODC, June 9.
 Cecil Doty, WODC, June 9.
 Harold Ratcliffe, Region Three, June 11.
 Chas. Schuster, Washington Office, June 18.
 Larry McKinnis, WODC, June 24.

Administration

Personnel: John "Jack" Hughes entered on duty as seasonal ranger at Natural Bridges on June 15, 1958. Jack has had several seasons at Mesa Verde and seems to be making out okay in the Bridges wilderness area.

Cooperative Activities

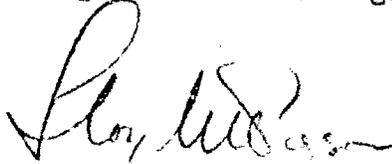
Utah State Highway Department: Administrative Assistant Beavers assisted the State Highway Safety Engineer in making the safety layout for the new road. The state is to stripe and sign the road according to Utah State requirements which conform to Federal Codes.

Interpretive Activities and Development

Interpretive Services: The wayside exhibit register was signed by 2602 people and 1301 used the Cover Nature Trail. Two guided trips with 57 in attendance were taken and one outside talk to 12 people was given.

Operations

Maintenance: June has been declared "outhouse" month at Arches. Thanks to the A.E.C., four slightly used one holers were transferred as excess property and placed into service at Arches. Two more, one a mobile trailer type, the other a steel building, are in the plans and preliminary construction has been started pending their arrival. All the rest of the small government buildings have been painted.



Lloyd M. Pierson
Acting Superintendent

Design and Construction

Project 1A, Mammet Entrance Road: All of the road mix oil mat is in place and seal coating is about 1/3 complete. Cleanup is almost complete, as are bituminous curbs. The job should be finished by July 2 or shortly there after.

Arches National Monument
Moab, Utah

July 27, 1958

Memorandum

To: The Director
From: Superintendent, Arches
Subject: Superintendent's Monthly Narrative Report, 2ml

General

Weather: Exceptionly hot and dry with temperatures reaching 108 degrees.

Travel: At Arches our travel was just slightly over the same period last year with 4755 visitors entering the area in 1486 cars.

From October 1, 1957 through June 15, 1958, 1352 visitors signed the register at Natural Bridges and we estimate that they entered the area in 474 cars. From June 16, through July 23, the area was manned and by actual count 1109 visitors entered the area in 281 cars.

New traffic counters have been installed in both Arches and Natural Bridges which will give us a more accurate travel count, especially at Natural Bridges.

Visitors: Naturalist Bill Bullard & family, Death Valley N. H.
Park Ranger Lester Womack, Zion N. P.
Mr. & Mrs Donald Borg & son Gregg

Special Activities: The date for the dedication of the new road has been set for August 24. The Moab Lions Club is sponsoring the event. Founders Day will also be celebrated at the same time.

General Publicity: On July 14, the Denver Post carried a full picture page showing the new road and other features in the area.

Cooperative Activities

Utah State Highway Department: Our two month old request for permission to erect our entrance sign on US-160 right-of-way is still in the hands of the State Road Commission with no action.

BFR: The final inspection of the new entrance road was made on July 6. The BFR was represented by Messrs. Linford Preston, Lloyd Morrison, and Sheldon Turnidge; the contractor by Bertrand Strong, and Carl Peterson, of Strong Construction Co; the National Park Service by Bates Wilson.

Ted Hermans of BFR and crew completed the aerial work on the proposed road to the Devil's Garden. The Superintendent spent three full days with Ted and his crew locating triangulation stations and walking the road line.

Interpretive Activities & Development

Interpretive Services: The register at the Wayside Exhibit at Arches was signed by 805 visitors and we estimate that half this number used the Cove Nature Trail. The light registration was due to the opening of the new road which by-passes the exhibit. Two orientation talks were given to large groups and one guided tour was made with an attendance of 4. Ranger Farnsworth contacted 1210 visitors.

At Natural Bridges the register was signed by 1382 people from October 1, 1957 through June 15, 1958 and by 806 people from June 16, through July 23, the period when area was manned. The register, being located at the Wayside Exhibit, we estimate that 2158 people used the exhibit and that half this number used the Owachomo Nature Trail. Ranger Hughes contacted 819 visitors and guided 10 parties with a total of 34 in attendance to the Machina Overlook.

Interpretive Developments: At Arches the foundation for the Wayside Exhibit was poured at the junction of the old and new roads and as soon as the concrete is cured we will erect the exhibit in it's new location. All View Point signs have been placed on the new road and the information sign at the Office has been moved to the Headquarters Parking Area where a temporary Visitor Center building (from Natural Bridges AEC Camp) has just been erected.

Operations

Maintenance: Blocking off the old road and the end of the new road was done with cable and reflectorized signs. A four strand barbwire fence erected just inside the Monument boundary was necessary to close the old road inspite of an eight foot road closed sign at US-160.

Due to the extremely dry weather it has been necessary to shale plate practically all of our dirt road system to keep it in passable condition.

Bates E. Wilson
Bates E. Wilson
Superintendent

Design and Construction

Project 1A, Monument Entrance Road: The marking of the center line for future center line striping was completed as soon as the seal coating job was finished. Final cleanup was done July 7, and the final inspection was made on July 8. The only phase of the job which did not work out as expected was the sanding of the stabilized ditches. The sand was too fine grain and either was absorbed in the hot asphalt or blow away with the first wind, but we have a beautiful road job and have received many compliments from a great many people.

Arches, DAC, Supt's. Monthly Narrative Report 2nd, July 1958

Arches and Natural Bridges National Monuments
Moab, Utah

August 31, 1958

Memorandum

To: The Director
From: Arches and Natural Bridges National Monuments, Act. Supt.
Subject: Superintendents Monthly Narrative, 2-1

General

Weather: August has been a hot month up to 106^o, with most days over 100. One 0.5 inch rain, the first since spring, cooled things off and washed the road shoulders on the new road.

Travel: This has been a month. Some 6,595 people in 2,061 cars visited Arches this month; this is compared with 4,714 people in 1,366 cars a year ago this month. At Natural Bridges 723 people in 226 cars visited the area as compared with 709 people in 285 cars a year ago.

Visitors: Myron Sutton and Ed. Bierly, museum planners, Washington Office, from Aug. 8, on.

David Jones and Will Shuster, Santa Fe, working on the wayside interpretive devices the early part of the month.

Mr. Robert Novick, Public Health Service, on Aug. 20.

Regional Director Miller, Supt. Mahan of Wupatki, Assist. Supt., McCaw of Mesa Verde, Regional Naturalist Dodge, State Parks Director Olsen, State Publicity Director Cannon, Ex-Supt., L.T. McKinney, and a host of other local figures for the dedication of the new entrance road on Aug. 24.

Architect Robert Boyce, WODC, Aug. 27-28 on the new visitor center and house planning.

Paul Jensen, National Geographic Society, came to spend two hours and stayed three days - Aug. 28-30.

Engineer Paul J. Garbar and Landscape Architect Ronnie Mortimer, WODC to check on planning for future buildings, Aug. 30-31.

Dr. Jesse Jennings and family, Univ. of Utah, on July 28 and Aug. 14. Also his Eastern Division assistant on the Glen Canyon Survey who has been headquartering at Natural Bridges - Tom Mathews, has been in several times for R&R.

Special Activities: On August 24, in honor of Founders Day, the new \$700,000 entrance road was formally dedicated. Principal speakers were Regional Director Miller and State Parks Director Chet Olsen. Mitchell Melich, President of the Uranium Reduction Company was master of ceremonies and the ribbon was cut by Mrs. J.W. Williams, widow of Dr. J.W. Williams the "father of the Arches". The Lions Club and the city police aided in traffic control.

Some 200 people attended the 4:00 P.M ceremony and took the dedicatory caravan ride up the new road. The local staff was assisted by Seasonal Ranger Hughes of Natural Bridges; Assist. Supt. McCaw and one ranger from Mesa Verde. The Moab Lions furnished a buffet supper for the speakers and guests of honor after the ceremony.

Supervisory Ranger Pierson attended the Pacos Conference for Southwestern Archaeologists in Albuquerque on August 15-17.

Administration

Personnel: Seasonal Ranger John "Jack" Hughes was placed on the permanent roster at Yellowstone as of Sept. 1, 1958. Jack did a good job at the Bridges and with his past experience should make the Yellowstone crew a good hand.

Sanitation: Mr. Robert Novick of the Public Health Service made an inspection of the area on August 20 and, among other things, recommended that we attempt to obtain better and more sanitary pit toilet facilities if possible.

During the month we received a portable trailer type toilet facility, for use in the headquarters area.

Cooperative Activities

Cooperation with other Federal Agencies: A special use permit was prepared to allow the U.S. Geological Survey to install a stream gauging station hidden away under the new Courthouse Wash Bridge. This will give them valuable data and provide us with an interpretive device showing the effects and volume of water flowing through the Courthouse Wash.

One afternoon and evening was spent, with the entire Arches crew, attempting to get to a fire in the National Forest and then, after the fire had been put out by heavy rains, fighting our way back down the mountain to dry land. The forest Ranger was not available at the time the fire was noted so Superintendent Wilson and the local county Sheriff gave a lesson in how to get more people on the mountain in an hour and a half than had been up there all summer. With food too.

Cooperating Non-Government Agencies: The Texas Tech. Field School in Geology wound up their first years work the middle of the month and headed back to the second biggest state. Next year should bring in a bigger group and the solution to some of our geologic problems concerning the Arches. Dr. Wade the director of the school is an NPS collaborator.

During the same Unaniam Days weekend, in which the entrance road was dedicated, the Moab Museum was also dedicated. Supervisory Ranger and Mrs. Pierson have been active in assisting the Southeastern Utah Society of Arts and Science, sponsors of the museum, in the planning and installation of this small local type museum. Mr. Pierson has been named curator, without pay, of the museum and the Dr. J.W. Williams collection of archaeology and history loaned by the National Park Service, has formed the nucleus of the museums displays.

Interpretive Activities or Developments

Interpretive Facilities: Museum exhibit planning is almost complete as Exhibit Planners Sutton and Bierly of the Washington Office have been grinding away at it all this past month, and it looks real good too. The planning team has covered the monument getting atmosphere and discussed and cussed with everyone even remotely interested who has wandered into Arches this busy month. Particularly interesting sessions were held with Naturalist Dodge and the local staff, and another with Davy Jones, Will Shuster and the local staff.

The team of D. Jones and Will Shuster also spent time in the area "finalizing" their plans for the roadside interpretive devices. Will Shuster is an artist of some merit from Santa Fe, and as such, along with his experience in the advertising field, has brought some refreshing ideas into our roadside devices and interpretation. We feel that between the two teams of interpretive specialists, the new road and the new visitor use center will all combine to make an interpretive story worthy of the natural splendor of Arches National Monument

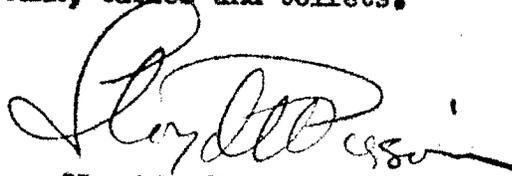
Interpretive Services: At Arches 1,781 visitors were contacted personally either at the temporary visitor center or while the ranger was making inspections of the area. At Natural Bridges Ranger Hughes contacted 216 visitors. At Arches 7 special conducted trips were taken with 26 people and at Natural Bridges 4 special trips were taken with 6 people. We estimate that about 50% of the total travel used the Cove Nature Trail at Arches and the Owachomo Trail at Natural Bridges

Arches has been participating in the Chamber of Commerce sponsored slide lecture series for the tourists visiting Moab. Ranger Farnsworth has given three lectures, Supt. Wilson one, and Ranger Pierson two with a total attendance of 114.

Publicity: The road dedication received good verbal and pictorial coverage from state and local papers. Double O Arch made the cover of the September issue of Desert Magazine.

Operations

General: A new entrance sign, designed by Harold Marsh, SOAR, was built and installed during the month. Roads have received most of the attention of the maintenance crew, second to garbage. At Natural Bridges Ranger Hughes kept his paint brush wet most of the month painting the water tank, tables and toilets.



Lloyd M. Pierson
Acting Superintendent

Arches and Natural Bridges National Monuments
Moab, Utah

September 26, 1958

Memorandum

To: The Director
From: Acting Superintendent
Subject: Superintendents Monthly Narrative, 2ml

General

Weather: September started off warm with temperatures up into the low 100's. Rains and cold fronts the middle of the month brought fall weather, cool temperatures, snow and color on the mountains.

Travel: The new road is paying off, even the Moab people are using it, many of them seeing the area for the first time in years. Travel for September, 7,932 people in 2,479 cars thru the Arches; and 1,088 people in 340 cars at Natural Bridges. This is a 68% increase over last year for Arches.

Visitors: Kenny Saunders, Regional Chief of Operations, on Sept. 4. Intermountain Association of Petroleum Geologists, 250 strong, at Natural Bridges on Sept. 12.

Texas Tech. Field School officials Maddox and Raddall on Sept. 22 thru 24.

Art Sears, former employee, over Labor Day with the biggest trout I ever saw.

Administration

Personnel: Jerry Stocks, Laborer, has been transferred to Natural Bridges in lieu of a ranger. Ranger Farnsworth has been put on WAE status as of Sept. 2 and will work weekends for a time.

Sanitation: A new metal pit toilet for the Devil's Garden was received.

Interpretive Activities or Developments

Interpretive Services: The register at the Wayside was reinstalled and signed by 1,333 people. A 50% use of the Cove Trail and the Owachomo Trail by the total travel is estimated. Five special talks were given to a total audience of 166 people.


Lloyd M. Pierson
Acting Superintendent

Design and Construction

Drilling of Water Well: Bids were opened in Santa Fe on August 28 and the bid was awarded to the Moab Drilling Company for the sum of \$2,373.

Arches, D&C, Sept. 1958, Supts. Monthly Narrative.

Arches and Natural Bridges National Monuments
Moab, Utah

October 24, 1958

Memorandum

To: The Director
From: Superintendent
Subject: Superintendent's Monthly Narrative Report - 2nd

General

Weather: During the entire period we have had perfect fall weather with warm, dry days and cool nights.

Travel: The combination of the new entrance road and ideal weather is responsible for the substantial increase in travel at Arches of 162% over the same period last year. An increase of 453% at Natural Bridges is mainly due to weather conditions; however the completion of 8 miles of excellent paved road on the approach road from Blanding has had it's effect.

Arches travel for this October: 1483 cars and 4746 visitors.
Natural Bridges travel for this October: 218 cars and 698 visitors.

Visitors: Regional Chief of Lands, John Kell, September 23 & 28.
Regional Director Hugh Miller, Regional Chief, Division of Recreation Resource Planning, William Bowen, and Chief, Upper Colorado River Basin Survey, John Mosely, October 17.
Architect Francis Wilkinson, WODC, October 2 & 3.
Collaborator, Dr. F. Alton Wade & party, Texas Tech. October 20 & 21.

Special Activities: On October 17, one scene of the motion picture "Warlock" was filmed in the Arches. The picture is a frontier story with a late 1880 setting and stars Richard Widmark, Henry Fonda, Anthony Quinn, Dorothy Malone, and Dolores Michaels. It is a color and cinemascope production and is being produced and directed by Edward Dmytryk. Only Richard Widmark, Henry Fonda, and Anthony Quinn were in the short scene filmed in the monument.

Administration

Surplus Equipment: The two remaining portable buildings at the Natural Bridges AEC Camp were obtained and stored at Natural Bridges for future use. We also obtained a 1500 gallon water tank truck and an assortment of small tools from the AEC depot in Grand Junction.

Sanitation: The new metal pit toilet, received last month, has been installed at the Headquarters Parking Area to serve until the Visitor Center is completed.

Regional Office Trip: Three days were spent by the Superintendent in the Regional Office on development programming for both Arches and Natural Bridges.

Cooperative Activities

Utah State Parks: Three days were spent by Supervisory Ranger Lloyd Pierson with Jim Gunnerson, University of Utah, on an archaeological site survey in the Dead Horse Point - Junction Butte Area.

Interpretive Activities and Development

Interpretive Services: The register at the Wayside Exhibit in Arches was signed by 1169 visitors and of this number we estimate that 50 % used the Cove Nature Trail. At Natural Bridges 464 visitors signed the register and we estimate that 50% used the Owachomo Nature Trail.

Interpretive Development: The museum plan and the roadside exhibits were discussed briefly in Santa Fe. A copy of the museum plan has been received and is being reviewed.

Operations

New Road Maintenance: Considerable time was spent repairing the damage of one rain storm during which water crossed the road and damaged the toe slopes seriously. We found that the drainage ditches were not deep enough to carry the flow of water and it was necessary to deepen them by one foot. All toe slope turnout drainages were also cut badly.

Bates E. Wilson
Bates E. Wilson
Superintendent

Arches & Natural Bridges, Supt. Narrative Report for October 1958

Design and Construction

Project 11, Monument Entrance Road: The striping and signing was completed by the Utah State Highway Department. The 1000 foot Warning Signs for our entrance on US-160 will be installed by the State Highway Department as soon as they receive them from the State Prison.

Headquarters Well: The Notice-to-Proceed was given to the contractor on October 20. He has ordered the casing and notified the Utah State Engineer of his intent to drill.

Arches National Monument, Report 2ml, October 1958

Arches and Natural Bridges National Monuments
Moab, Utah

November 25, 1953

Memorandum

To: The Director
From: Superintendent
Subject: Superintendent's Monthly Narrative Report - 2ml

General

Weather: Our warm October weather changed suddenly during the first week in November with extremely high winds bringing a little rain and snow. The last two weeks have been cold and cloudy, but no precipitation.

Travel: In spite of cold weather during most of the month our travel at Arches increased 364% over the same period last year with 2720 visitors entering the area in 850 cars. This increase can only be due to the new Entrance Road. The 55 cars and 176 visitors at Natural Bridges also is an increase of 132% over the same period last year.

Visitors: Neil R. Gruigen, Project Supervisory WODC- 11/2 - 11/7
Don Price, Geologist, USGS - 11/3 - 11/7 and 11/17- 11/20
Lloyd "Pop" Morrison, District Engineer, BPR- 11/20

Special Activities: Supervisory Ranger Pierson gave a talk on Arches MISSION 66 Program to the Associated Civics Clubs of Southeastern Utah. Superintendent Wilson gave a talk on Natural Bridges MISSION 66 program to the Monticello and Blanding Chambers of Commerce at Blanding.

Administration

Personnel: Administrative Assistant Jerald Beavers is attending a three day training session in the Regional Office. He also took with him many of our finance problems.

Operator General Merle Winbourn was on sick leave for ten days during the month due to stomach disorder.

Sanitation: A twister, caused by extremely high winds in Moab Canyon, picked up our new metal toilet, floor and all, and set it down, not gently, 95 feet from it's original location. Three days has been spent in straightening out the twisted ball of metal and erecting it again.

Cooperative Activities

USGS: Mr. Don Price, USGS Geologist spent 5 days at Arches taking samples and advising on the drilling of the new Headquarters Well. Three days were spent with him at Natural Bridges on the ground water survey. The J. Wiley Spring was tested for flow at 6 gallons per minute and water samples were taken. Samples were also taken from the ~~Star~~ Spring in Fry Canyon and from the spring at Headquarters. The entire length on White Canyon from the J. Wiley Spring to Kaohina Bridge was walked and investigated. Little information was obtained from the drillers of an oil well $4\frac{1}{2}$ miles below the junction of White and Armstrong Canyons, except that they had drilled 200 feet with air. The Schlumberger test will give us accurate information.

Interpretive Activities and Developments

Interpretive Activities: The register at The Wayside Exhibit at Arches was signed by 484 visitors and we estimate that 50% of this number used the Cove Nature Trail. Supervisory Ranger Pierson guided 30 members of the Carbon College geology class through the area and gave one talk on Glen Canyon Archaeology to the Moab Rockhound Club, with 25 in attendance. Superintendent Wilson gave three talks to the elementary school children of Moab on the meaning of the Antiquities Act with 660 in attendance.

At Natural Bridges 110 visitors signed the register and we estimate that 50% of this number used the Owachomo Nature Trail. The area was manned for only one week during this report period and 23 contacts were made.

Interpretive Development: Word was received from the Regional Office that our Roadside Exhibits were very near completion.

Operations

Water Supply: On November 7, the pump on our well at Headquarters failed and although parts were ordered immediately we have not as yet received them. With three residences to supply with water we have found the recently acquired 1500 gallon water truck a lifesaver, for we have been able to place 5000 gallons in the reservoir by gravity flow from a point on the new road.

Bates E. Wilson
Bates E. Wilson
Superintendent

Design and Construction

Project 1A, Monument Entrance Road: The striping and signing was completed by the State Highway Dept. The 1000 foot Warning Signs for our entrance on US-160 will be installed by the State Highway Dept. as soon as they receive them from the State Prison.

Headquarters Well: The Moab Drilling Co. started drilling of the Headquarters well on November 3, and drilled with air to a depth of 92', on November 4. They rigged to drill with water and lost circulation between 92' and 95'. By using heavy mud they finally regained circulation and bottomed at 123' from ground level, which was five feet above the top of the casing of the old well. The mud was displaced with clear water and the hole was bailed for two hours, but sand plugged the hole for approximately 20' from the bottom and the bailing was discontinued.

To clear the hole it was necessary to re-mud and ream. Circulation was again lost at the 92' level, but regained on November 12, and the hole reamed. With the sand plug removed and the mud in the hole the casing was set on November 13. The mud was again displaced with clear water and the hole flushed both inside and outside the casing. On November 14 the well was bailed for three hours at an average of 12 gallons per minute and the water level remained at 93'. A 40' rigid spindle, with three rings 12" long and $7\frac{1}{2}$ " in diameter, fastened at each end and in the center, was lowered to the bottom of the casing and drawn out without any difficulty. In checking the plumbness of the casing it was found to vary from the vertical 19" in 100'. To bring the casing to the required plumbness it would be necessary to move it over 13" at the bottom which would be impossible in the existing hole. Gravel packing was started but stopped when the out-of-plumb condition was called to the attention of the contractor; however I am afraid that enough gravel has been placed around the pipe to make it impossible to pull it. The rig was moved off the location at 5:00 PM November 14.

Yield testing has been delayed due to the difficulty in obtaining a suitable pump; however the contractor has just informed me that they would install a pump on December 1.

Arches and Natural Bridges National Monument
Moab, Utah

December 30, 1958

Memorandum

To: The Director
From: Superintendent
Subject: Superintendent's Monthly Narrative Report - 2ml

General

Weather: Only a few cold cloudy days marred the unseasonably dry, warm, December weather.

Travel: Along with our fair weather came an unusual number of visitors. Arches showed an increase over the same period last year of 557% and an increase of 58% over last year's annual travel. Natural Bridges shows an increase of 1690% over the same period last year and an even 100% increase in annual travel. The travel figures for this month are as follows:

Arches 2246 Visitors - 702 Cars.
Natural Bridges 179 Visitors - 56 Cars.

Visitors: Don Price, Geologist, USGS 12/2 - 12/5
Ranger Andrew Wolfe & Family, Timpanagos Cave N. H. 11/16
Superintendent Glenn T. Bean, Bryce Canyon N. P. 12/28

Administration

Personnel: Operator General Winbourn and Administrative Assistant Beavers have been on annual leave since December 23, using up unused leave. They will return on January 5. Supervisory Ranger Pierson is attempting to use his unused leave by staying home, but "Home" is too close to the office work and a well drilling job.

Cooperative Activities

USGS: Mr. Don Price, USGS Geologist spent from December 2, through the 5th, checking the tests being run on our new well. Completely satisfactory data was not obtained at that time due to the failure of a pump operation; however Ranger Pierson and I did obtain the necessary data for him when the contractor finally installed a satisfactory pump.

Interpretive Activities and Development

Interpretive Activities: The register at the Wayside Exhibit at Arches was signed by 184 people and we estimate that 80% of this number used the Cove Natural Trail. At Natural Bridges 76 people signed the register at the Wayside Exhibit and an estimate of the number who used the Owachomo Natural Trail is 38.

Interpretive Development: We are waiting for word to pick up our Roadside Exhibits in Santa Fe. We understand they are near completion.

Operations

Water Supply: We are still unable to pump water from our old well. The worn pump parts were replaced and it was found that they were not the main cause of our being unable to produce any water. During the drilling of the new well mud and mill fiber were used to regain circulation and in the process the flow of water to our old well was sealed off. We are still hauling water in the 500 gallon tanker and bless our rich cousins (AEC) for making this vehicle available to us. We hope our old well will recover when the contractor finishes with the final cleaning of the new well. In the last 30 days we have hauled 36,000 gallons of water.

Bates E. Wilson
Bates E. Wilson
Superintendent

Arches & Natural Bridges - Supt. Monthly Narrative Report 2ml for December

Design and Construction

Project 1A, Monument Entrance Road: The divider lanes at the Headquarters Parking Area have been painted and we are still waiting for the 1000 foot Warning Signs.

Headquarters Well: A suitable pump was finally put in operation on December 15 and the 6 hour tests were made for maximum draw-down at maximum yield and recovery. Upon completion of these tests which indicated that at maximum draw-down the maximum yield was 11.8 gallons per minute, the well was pumped at 6 gallons per minute until 60,000 gallons had been withdrawn.

In the final cleaning of the well, which was started December 29, the casing was found to be sanded-in 3 feet from the bottom. The sand and a great deal of circulation material is being flushed out with clear water and air.

The contractor has run almost a week over his time but the sand and especially the circulation material has to be removed.

APches & Natural Bridges - Supt. Monthly Narrative Report 2nd for December