WATER-RIGHT DOCKET

Big Bend National Park

Docket No: 4

CASTELLION IRRIGATION PROJECT

Preliminary Docket Information

00-00-0000: water right docket summary

BIG BEND NATIONAL PARK

WATER RIGHTS NO. 4
(Formerly Alien Water Right No. 1)

Castellon Irrigation Project

Water Appropriation Permit 125, to take water from the Rio Grande River at Castolon, was acquired by the United States by deed of January 28, 1957, as part of a land purchase. The vendor, E. H. Cartledge, retained free use of the land and water for five years subsequent to the purchase.

The water diversion system covered by Permit 125 is called the Castellon Irrigation Project. The permit, with priority of March 31, 1916, allows the pumping of 3.5 cubic feet per second, not to exceed 750 acre feet annually.

Water is used for irrigation of cottonwood trees and vegetation for development of a campground area. The area is now being used for overflow camping. There is a possibility that some part of the water may eventually be used for municipal water in the campground area.

In October, 1968, construction of a well was started at a site approximately 100 feet north of the river bank, with completion and pumping of the well anticipated in late May, 1969. Water levels in the well appear to phase with changes in the river stage and, consequently, there seems little doubt that the water in the well is underflow of the river and still classified as a direct diversion from the river under Texas law. A change in point of diversion is involved and eventually filing of the change may be considered. However, at the time it was not considered a sufficiently involved change to effect the permit adversely.

William L. Mekeel
MAY 1969

BIG BEND NATIONAL PARK

WATER RIGHTS NO. 4

Castellon Irrigation Project

Water Appropriation Permit 125, to take water from the Rio Grande River at Castolon, was acquired by the United States by deed of January 28, 1957, as part of a land purchase. The vendor, E. H. Cartledge, retained free use of the land and water for five years subsequent to the purchase.

The water diversion system covered by Permit 125 is called the Castellon Irrigation Project. The permit, with priority of March 31, 1916, allows the pumping of 750 acre feet per year.

A 1960 water use report indicates that the United States was then using the water to irrigate a tree nursery, while developing the water system for recreational uses.

A letter on the correspondence side of this docket indicates that the availability of riparian water rights to the Castolon property is an undecided question.

Roger P. Smith
February, 1967

Area: Big Bend National Park Docket #4
Title of Docket: Castello Irrigation Project

I. Land Status

1. General Map of Big Bend National Park, NP-BB-17018A

2. Tract Record and Valuation Data of Land to be Acquired

(a.) Alien WR-1; March 17, 1947

(b.) Tract No. 13; 1955

3. Land Ownership Record; April, 1958

II. Source Description

1. Map of Castellan Irrigation Project, No. 129, filing date November 17, 1915

2. Permit No. 125, Issued to Clyde Buttrill, Alpine, Texas, dated February 29, 1916. Attached is Application for a Permit to Appropriate and Devert Certain Water.

III. Water-use Reports

1. 1957; NPS - Certified Filing No. 825

2. 1957; NPS - " " No. 978 and Permit No. 927

3. 1957; La Harmonia Company - Certified Filing No. 129 and Permit No. 125

4. 1958; NPS - Certified Filing No. 129 and Permit No. 125

5. 1959; " " " " "

6. 1960; " " " " "

7. 1961; " " " " "

8. 1962; " " " " "

9. 1963; " " " " "

   (a) Quality of Water from Test Wells in the Castolon Area; October, 1963

10. 1964; NPS - Certified Filing No. 129 and Permit No. 125

    (a) 1964 Survey of Groundwater Pumpage
    (b) 1964 Survey ofSurfacewater Pumpage

11. Permit to Appropriate State Water, Application No. 129-A, Permit No. 125-A granted 6-19-72

12. Permit to Appropriate State Water, Application No. 978-A, Permit No. 927-A granted 6-19-72

13. Report of Surface Water Used for the Year Ending on December 31, 1972 (Two copies enclosed)

14. **Notice of the preliminary determination by the Texas Water Rights Commission, dated September 11, 1972**

15. **Notice of Hearing to Appropriate State Waters of the State of Texas, No. 3071, dated September 12, 1972**

IV. Water Quality Reports

1. U.S. Geological Survey Analytical Notes: Castolon Contractor

2. Analytical Statement; June 14, 1964

3. Analytical Statement: Castolon Irrigation; June 15, 1964

4. Analytical Statement: Castolon; June 15, 1964

5. U.S. Geological Survey Analytical Notes: Castolon Drilled Contractor; March 12, 1965

6. U.S. Geological Survey Analytical Notes: Castolon; March 12, 1965

7. Chemical Analysis from Texas State Department of Health Laboratories for Irrigation Well dated July 71.

8. Chemical Analysis from Texas State Department of Health Laboratories for Maintenance Camp dated July 71.

9. Chemical Analysis from Texas State Department of Health Laboratories for Castellon dated July 71.

01-16-1996: fax cover sheet; january 16, 1996

JAN-16-96 TUE 17:15 BI[illegible]END S&RM DIVISION FAX NO. 9[illegible]772251153 P. 01

FAX COVER SHEET



FACSIMILE TRANSMISSION FROM
BIG BEND NATIONAL PARK

Fax number (915) 477-2357 Verify receipt at (915) 477-2251 xt. _____

TO: Water Rights Branch FAX NUMBER: 970-225-9965

ATTENTION: Alice Johns

FROM: BIG BEND NATIONAL PARK

Phil Koepp

DATE: 1-16-96

NUMBER OF PAGES (Including cover sheet): 6

MESSAGE:

TEXAS WATER COMMISSION

B. J. Wynne, III, Chairman
Paul Hopkins, Commissioner
John O. Houchins, Commissioner

Allen Beinke, Executive Director
Michael E. Field, General Counsel
Brenda W. Foster, Chief Clerk

	Action	Initial	Date
SUPERINTENDENT			
Mgmt. Asst.			
Admin Officer			
Ch. Ranger			
Ch. Maint.			
Ch. Nat.			
Res. Mgmt.			
Safety			
Library			
File			

July 5, 1989
CERTIFIED MAIL

Honorable Shirley A. Scholl
Brewster County Clerk
P.O. Box 119
Alpine, TX 79831

Re: Amendment to Certificate of Adjudication No. 23-987, National Park Service U. S. Department of Interior, (Certificate No. 23-987A)

Dear Ms. Scholl:

Enclosed is an amendment to Certificate of Adjudication No. 23-987 issued by the Texas Water Commission on July 5, 1989.

This amendment to Certificate of Adjudication No. 23-987 is sent to you by direction of Section 11.136, Texas Water Code, which directs that upon receipt of the recording fee from the applicant, you shall file and record this permit in a well-bound book. After recording, we would appreciate your mailing it to Mr. James W. Carrico, Superintendent, Big Bend National Park, Big Bend, TX 79834.

By copy of this letter, we are advising the permittee that the permit is being sent to you, and are asking that satisfactory arrangements be made with you for payment of the recording fee.

After recording, we would appreciate your completing the information requested on the enclosed card and returning it to this office.

RECEIVED
JUL 7
BIG BEND NATIONAL PARK

Very truly yours,

TEXAS WATER COMMISSION

By Brenda W. Foster
Brenda W. Foster
Chief Clerk

BWF:pm
Enclosure
cc/with enclosure:
Mr. James W. Carrico, Superintendent, Big Bend National Park, Big Bend, TX 79834
TWC Watermaster, Eagle Pass Office

VOL. 11 PAGE 724



AMENDMENT TO
CERTIFICATE OF ADJUDICATION

CERTIFICATE NO. 23-987A 035938 TYPE: AMENDMENT

Name:	National Park Service U.S. Department of Interior	Address:	Superintendent Big Bend National Park Big Bend, Texas 79834
Filed:	March 23, 1989	Granted:	June 5, 1989
Purposes:	Irrigation and Municipal	County:	Brewster
Watercourse:	Rio Grande	Watershed:	Rio Grande Basin

WHEREAS, Certificate of Adjudication No. 23-987 was issued to The National Park Service, U.S. Department of Interior on August 18, 1977, and authorized the certificate owner to divert and use not to exceed 1530 acre-feet of water per annum at a maximum diversion rate of 12.0 cfs (5400 gpm) from the Rio Grande for municipal purposes in the Castolon and Rio Grande Village areas of Big Bend National Park in Brewster County, Texas; and

WHEREAS, the time priority of the owners right is November 17, 1915, as to 750 acre-feet of water per annum and October 5, 1925, as to 780 acre-feet of water per annum; and

WHEREAS, The National Park Service, U.S. Department of Interior has requested an amendment to Certificate No. 23-987 to authorize a change in the use of 1000 acre-feet of water per annum from municipal to irrigation purposes; and

WHEREAS, the Texas Water Commission finds that jurisdiction over the application is established; and

WHEREAS, no person protested the granting of this application; and

WHEREAS, the Commission has complied with the requirements of the Texas Water Code and Rules of the Texas Water Commission in issuing this amendment.

NOW, THEREFORE, this amendment to Paragraphs 1. and 3. of Certificate No. 23-987 is issued to The National Park Service, U.S. Department of Interior as follows:

1. USE

In lieu of the previous authorization stated in Paragraph 1., USE, of Certificate No. 23-987, certificate owner is authorized:

(a) To divert and use not to exceed 530 acre-feet of water per annum from the Rio Grande for municipal purposes in the Castolon and Rio Grande Village areas of Big Bend National Park in Brewster County, Texas.

(b) To divert and use not to exceed 1000 acre-feet of water per annum from the Rio Grande to irrigate 227 acres of land within the Castolon and Rio Grande Village areas of the Big Bend National Park (campgrounds and peripheral areas) owned and operated by the National Park Services in Brewster County, approximately 100 miles south of Alpine, Texas.

2. TIME PRIORITY

The time priority of the owner's right is November 17, 1915 for the first 750 acre-feet out of the 1000 acre-feet of irrigation water per annum. The time priority of the owner's right for the next 250 acre-feet out of the 1000 acre-feet of irrigation water rights and the 530 acre-feet of municipal priority water right per annum is October 5, 1925.

This amendment is issued subject to all terms, conditions and provisions contained in Certificate No. 23-987, except as specifically amended herein.

This amendment is issued subject to all superior and senior water rights in the Rio Grande Basin.

Certificate owner agrees to be bound by the terms, conditions and provisions contained herein and such agreement is a condition precedent to the granting of this amendment.

All other matters requested in the application which are not specifically granted by this amendment are denied.

This amendment is issued subject to the Rules of the Texas Water Commission and to the right of continuing supervision of State water resources exercised by the Commission.

TEXAS WATER COMMISSION

DATE ISSUED: July 5, 1989

B. J. Wynne, III, Chairman

ATTEST:

Brenda W. Foster, Chief Clerk

07-10-1989: sworn statement; july 10, 1989

THE STATE OF TEXAS)
COUNTY OF BREWSTER)

I HEREBY CERTIFY THAT THIS INSTRUMENT WAS FILED ON THE DATE AND TIME STAMPED HEREON BY ME AND WAS DULY RECORDED ON THE 10 DAY OF July A.D., 19 89 IN VOL. 11 PAGE 724 OF THE OFFICIAL PUBLIC RECORDS OF BREWSTER COUNTY, TEXAS

BETTY PETERS, COUNTY CLERK
BREWSTER COUNTY, TEXAS

BY Berta A. Martinez
DEPUTY

FILED
at 11:30 o'clock A M.
JUL 7 1989
BETTY PETERS
County and District Clerk, Brewster County, Tex.
By _____ Deputy

00-00-0000: report of surface water used for the year ending on 12/1982

TEXAS DEPARTMENT OF WATER RESOURCES

ORIGINAL RETURN TO

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1982

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require the report of water use to be filed with the Department on or before March 1st each year.

U S NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TX 79834

NATIONAL PARK SERVICE
1982 DEC 22 A 11:50
BIG BEND NATIONAL PARK
TEXAS

Give name and address for changes, if any, in ownership.

Name

Street or Route

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

ADJUDICATION CERTIFICATE NO. 23 - 987

Certified Filing No. _____ Permit No. _____ Claim No. _____ TDWR Code No. _____

1. Name of stream, canal or other source from which water was diverted Rio Grande at Castolon & Rio Grande Village

If you have a reservoir, please state: none

(a) Name of reservoir: Present _____ Original (if different) _____

(b) Present capacity of reservoir _____

(c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Weir _____, (c) Flume _____, (d) Other method of estimating quantity used (explain) pumping rate x hours pumped

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use						Return Flow
		Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	800			4.4				
Feb	4430			82.7				
Mar	4430			35.7				
Apr	4430			54.7				
May	4430			75.6				
Jun	4430			42.6				
Jul	4430			94.8				
Aug	4430			132.8				
Sep	4430			168.8				
Oct	4430			37.4				
Nov	4430			54.4				
Dec	4430			18.7				
Total								

Total acre feet surface water used 802.6

4. Users of surface water for irrigation purposes:

(a) During this year 138.20 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4 (b).
During the year none acres were irrigated one or more times within the district's boundaries.
During the year, water was furnished to irrigate none acres one or more times outside of the district's boundaries

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4 (c)
During the year _____ acres were irrigated under this water right.
On _____ acres only 1 crop was produced.
On _____ acres 2 crops were produced.
On _____ acres _____ crops were produced
Irrigated land is located in the sections 12, 13, &14, block 16GS and SA and 33, 4 & 5 - Block G1G Survey(s).
No (s) _____ in _____ County

"yellow form" (See reverse side)

P O BOX 13087 CAPITOL STATION • AUSTIN, TEXAS 78711 • AREA CODE 512/475-3318

00-00-0000: report of surface water used for the year ending on 12/1982, cont.

4 (c) (Continued)

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1 grass and shade trees	138.20	1 per 3-4 weks	4-6 weeks
2			
3			
4			
5			
6			

5. If you diverted surface water to others under this water right, complete the following.

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre feet Diverted During the Year
none		

Was this water reported in Section 3? _____

6. If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
none		

Was this water reported in Section 3? _____

7. Municipal Users Only:

The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

8. Industrial Users Only:

Type of Industry: _____

Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

9. Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Department is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:

none acre-feet of well water was used for _____ purposes.

10. Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend National Park, Texas, this the 16th day of February 19 83

H. Gilbert Lusk
(Signature)

H. Gilbert Lusk, Superintendent

00-00-0000: report of surface water used for the year ending on 12/1981

TEXAS DEPARTMENT OF WATER RESOURCES — DUPLICATE—RETAIN FOR YOUR FILE

P. O. BOX 13087, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1981

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Department on or before March 1 of each year.

U S NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TX 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

ADJUDICATION CERTIFICATE NO. 23 - 987

Certified Filing No. _____ Permit No. _____ Claim No. _____ TDWR Code No. _____

1. Name of stream, canal or other source from which water was diverted RioGrande River at Castolon & Rio Grande Village

If you have a reservoir, please state: none

(a) Name of reservoir: Present _____ Original (if different) _____

(b) Present capacity of reservoir _____

(c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Weir _____,

(c) Flume _____, (d) Other method of estimating quantity used (explain) pumping rate x hours pumped

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	~~800gpm~~			~~15.03~~				
Feb	~~4430~~			~~104.30~~				
Mar	~~4430~~			~~70.34~~				
Apr	~~4430~~			~~10.31~~				
May	~~4430~~			~~75.64~~				
Jun	~~4430~~			~~36.77~~				
Jul	~~4430~~			~~188.42~~				
Aug	~~4430~~			~~80.74~~				
Sep	~~800~~			~~181.63~~				
Oct	800			~~8.25~~				
Nov	4430			~~21.21~~				
Dec				~~134.20~~				
Total				926.84				

Total acre-feet surface water used: 926.84

4. Users of surface water for irrigation purposes:

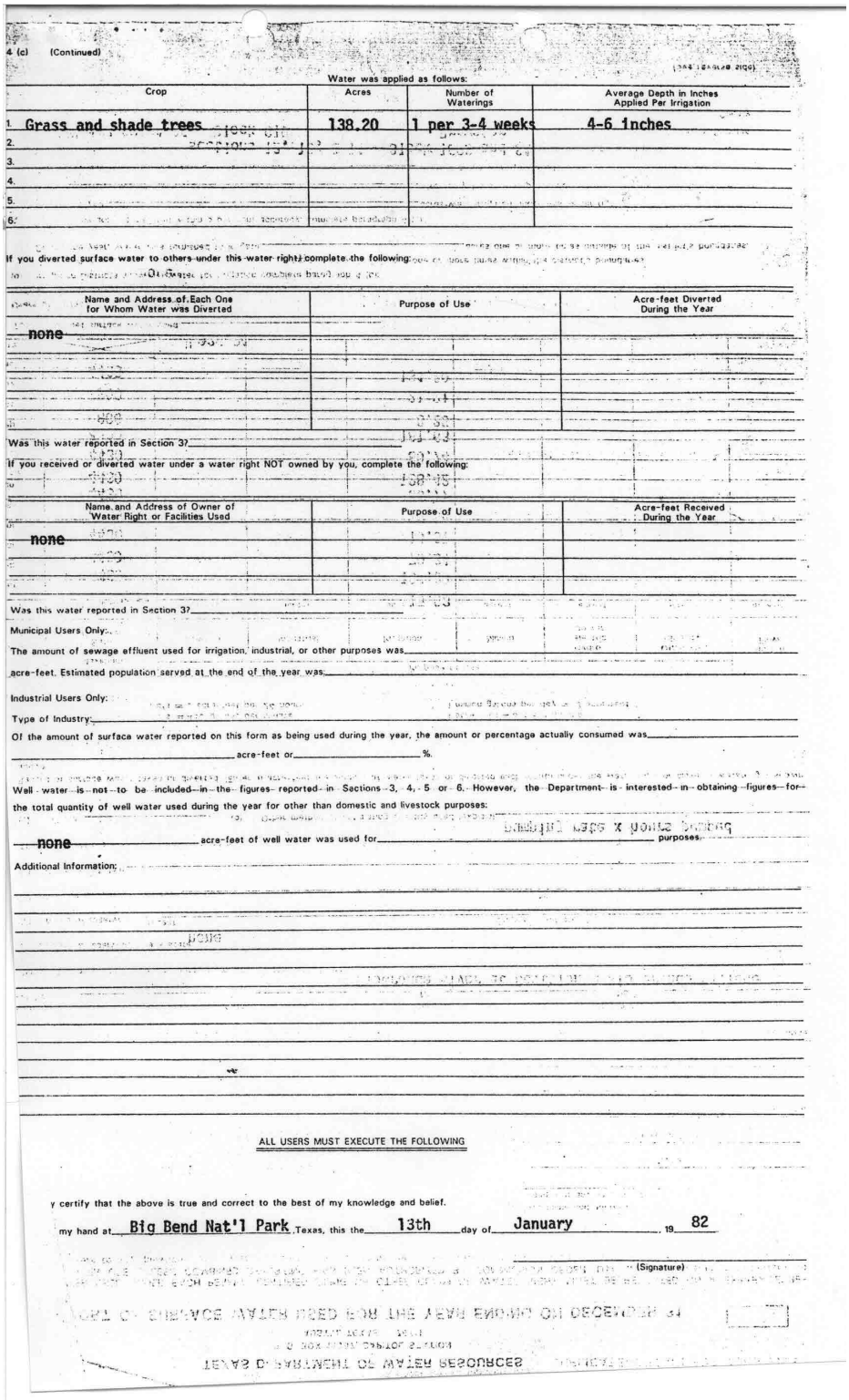
(a) During this year, 138.20 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4 (b):
During the year, none acres were irrigated one or more times within the district's boundaries.
During the year, water was furnished to irrigate _____ acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4 (c):
During the year, _____ acres were irrigated under this water right.
On _____ acres only 1 crop was produced.
On _____ acres 2 crops were produced.
On _____ acres _____ crops were produced.

Irrigated land is located in the sections 12, 13, & 14 - Block 16GS and SA Survey or Surveys
XXX and 33, 34, 35 - Block G19 Brewster
No (s). _____ in _____ County.

(See reverse side)



4 (c) (Continued)

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass and shade trees	138.20	1 per 3-4 weeks	4-6 inches
2.			
3.			
4.			
5.			
6.			

If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
none		

Was this water reported in Section 3? _____

If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
none		

Was this water reported in Section 3? _____

Municipal Users Only:

The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was _____

Industrial Users Only:

Type of Industry: _____

Of the amount of surfaca water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Department is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:

none acre-feet of well water was used for _____ purposes.

Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING

I certify that the above is true and correct to the best of my knowledge and belief.

Signed at Big Bend Nat'l Park, Texas, this the 13th day of January, 19 82

_____ (Signature)

00-00-0000: report of surface water used for the year ending on 12/1980

TEXAS DEPARTMENT OF WATER RESOURCES ORIGINAL REPORT

P. O. BOX 13087, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1980

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Department on or before March 1 of each year.

RECEIVED BIG BEND NATIONAL PARK TEXAS

U S NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TX 79834

Give name and address for changes, if any, in ownership

Name
Street or Route
City State Zip Code

Give changes, if any, in address:

Street or Route
City State Zip Code

ADJUDICATION CERTIFICATE NO. 23 - 987

Certified Filing No. ____ Permit No. ____ Claim No. ____ TDWR Code No. ____

1. Name of stream, canal or other source from which water was diverted Rio Grande River at Castolon & Rio Grande Village

If you have a reservoir, please state:

(a) Name of reservoir: Present none Original (if different) ____

(b) Present capacity of reservoir ____

(c) Condition of dam ____

2. The amount of water used was determined by: (a) Recording meter ____, (b) Weir ____

(c) Flume ____, (d) Other method of estimating quantity used (explain) Pumping rate x hours pumped

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use						Return Flow
		Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	4430 gpm			101.10				
Feb	4430			59.09				
Mar	800			7.80				
Apr	4430			95.60				
May	4430			144.06				
Jun	4430			146.17				
Jul	4430			217.35				
Aug	4430			39.69				
Sep	4430			188.75				
Oct	4430			158.94				
Nov	3630			65.81				
Dec	800			14.73				
Total	XXXX			1,239.09				

Total acre-feet surface water used 1,239.09

4. Users of surface water for irrigation purposes.

(a) During this year, 138.20 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4 (b):
During the year, none acres were irrigated one or more times within the district's boundaries.
During the year, water was furnished to irrigate none acres one or more times outside of the district's boundaries

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4 (c):
During the year, ____ acres were irrigated under this water right
On ____ acres only 1 crop was produced.
On ____ acres 2 crops were produced.
On ____ acres ____ crops were produced.

Irrigated land is located in the Sections 12, 13, & 14 - Block 16GS and SA Survey or Surveys
and S 3, 4, & 5 - Block G19 in Brewster County

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1980, cont.

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass and shade trees	138.20	1 per 3-4 weeks	4-6 inches
2.			
3.			
4.			
5.			
6.			

If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
none		

Was this water reported in Section 3? _____

If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
none		

Was this water reported in Section 3? _____

Municipal Users Only:

The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

Industrial Users Only:

Type of Industry: _____

Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

Well water is not to be included in the figures reported in Sections 3, 4, 5 and 6. However, the Department is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:

none acre-feet of well water was used for _____ purposes.

Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend National Park, Texas, this the 12th day of January, 81

Russell W. Berry, Jr.
(Signature)
Acting Superintendent
Big Bend National Park, Texas
79834

00-00-0000: report of surface water used for the year ending on 12/1979

2366637000000987 6

TEXAS DEPARTMENT OF WATER RESOURCES DUPLICATE—RETAIN FOR YOUR FILE

P. O. BOX 13087, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1979

NOTE. WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Department on or before March 1 of each year

U S NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TX 79834

Give name and address for changes, if any, in ownership:

Name
Street or Route
City State Zip Code

Give changes, if any, in address:

Street or Route
City State Zip Code

ADJUDICATION CERTIFICATE NO. 23 - 987

Certified Filing No. Permit No. Claim No. TDWR Code No.

1. Name of stream, canal or other source from which water was diverted Rio Grande River at Castolon & Rio Grande Village

If you have a reservoir, please state:

(a) Name of reservoir: Present none Original (if different)

(b) Present capacity of reservoir

(c) Condition of dam

2. The amount of water used was determined by: (a) Recording meter , (b) Weir

(c) Flume , (d) Other method of estimating quantity used (explain) Pumping rate x hours pumped

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

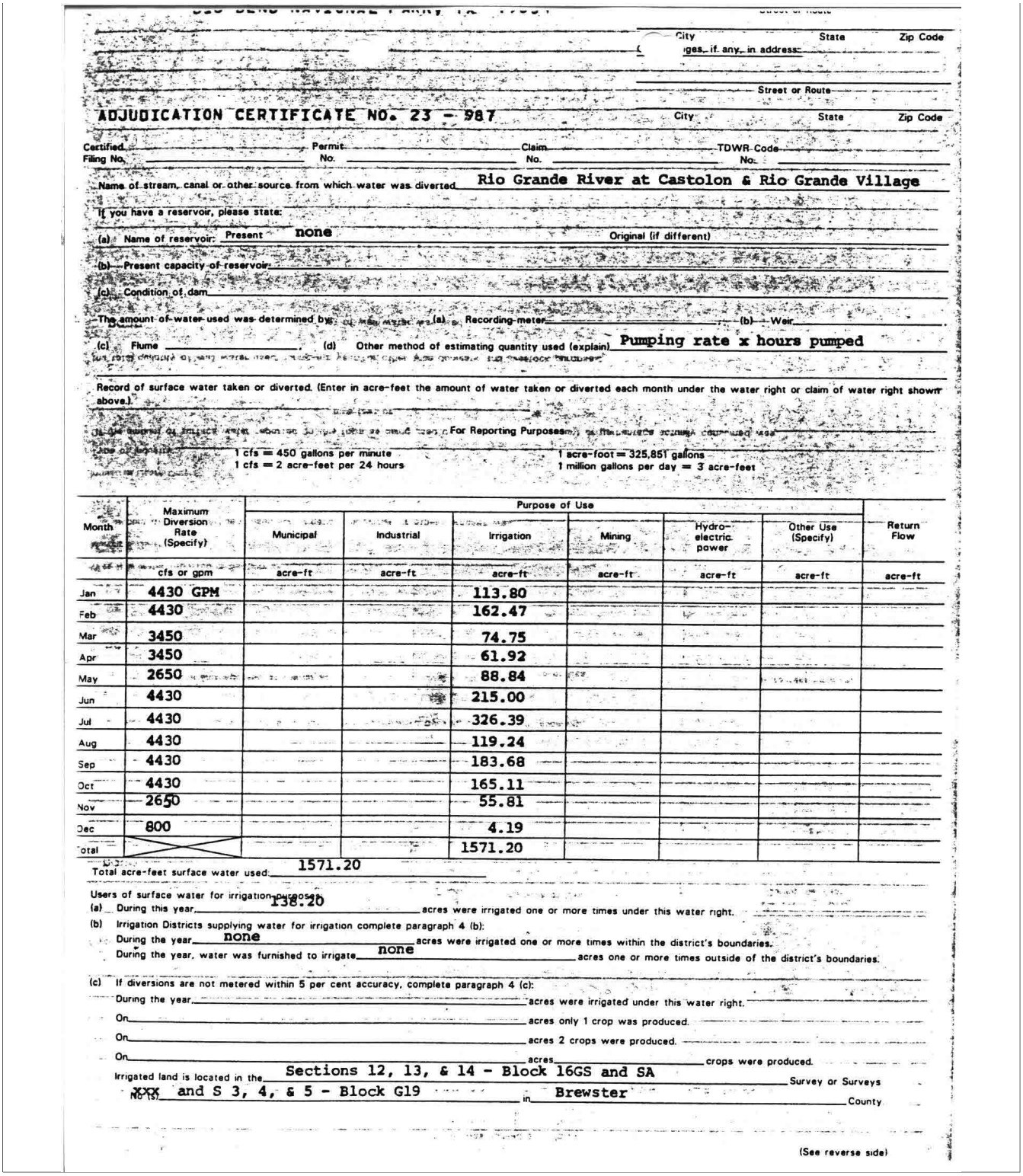
For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	4430 GPM			113.80				
Feb	4430			162.47				
Mar	3450			74.75				
Apr	3450			61.92				
May	2650			88.84				
Jun	4430			215.00				
Jul	4430			326.39				
Aug	4430			119.24				
Sep	4430			183.68				
Oct	4430			165.11				
Nov	2650			55.81				
Dec	800			4.19				
Total				1571.20				

Total acre-feet surface water used 1571.20

00-00-0000: report of surface water used for the year ending on 12/1979, cont.



City State Zip Code

ges, if any, in address:

Street or Route

City State Zip Code

ADJUDICATION CERTIFICATE NO. 23 - 987

Certified Filing No. Permit No. Claim No. TDWR Code No.

Name of stream, canal or other source from which water was diverted: **Rio Grande River at Castolon & Rio Grande Village**

If you have a reservoir, please state:

(a) Name of reservoir: Present **none** Original (if different)

(b) Present capacity of reservoir:

(c) Condition of dam:

The amount of water used was determined by: (a) Recording meter (b) Weir

(c) Flume (d) Other method of estimating quantity used (explain) **Pumping rate x hours pumped**

Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes, the surface water conversion is:

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use						Return Flow
		Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	4430 GPM			113.80				
Feb	4430			162.47				
Mar	3450			74.75				
Apr	3450			61.92				
May	2650			88.84				
Jun	4430			215.00				
Jul	4430			326.39				
Aug	4430			119.24				
Sep	4430			183.68				
Oct	4430			165.11				
Nov	2650			55.81				
Dec	800			4.19				
Total	XXXXXX			1571.20				

Total acre-feet surface water used: 1571.20

Users of surface water for irrigation purposes:

(a) During this year, 138.20 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4 (b):
During the year none acres were irrigated one or more times within the district's boundaries.
During the year, water was furnished to irrigate none acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4 (c):
During the year acres were irrigated under this water right.
On acres only 1 crop was produced.
On acres 2 crops were produced.
On acres crops were produced.

Irrigated land is located in the Sections 12, 13, & 14 - Block 16GS and SA Survey or Surveys
No(s). XXX and S 3, 4, & 5 - Block G19 in Brewster County

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1979, cont.

4 (c) (Continued)

Water was applied as follows:

	Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1	Grass and shade trees	138.20	1 per 3-4 weeks	4-6 inches
2				
3				
4				
5				
6				

5 If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
none		

Was this water reported in Section 3?

6. If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
none		

Was this water reported in Section 3?

7. Municipal Users Only:

The amount of sewage effluent used for irrigation, industrial, or other purposes was

acre-feet. Estimated population served at the end of the year was:

8. Industrial Users Only:

Type of Industry:

Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was

acre-feet or %.

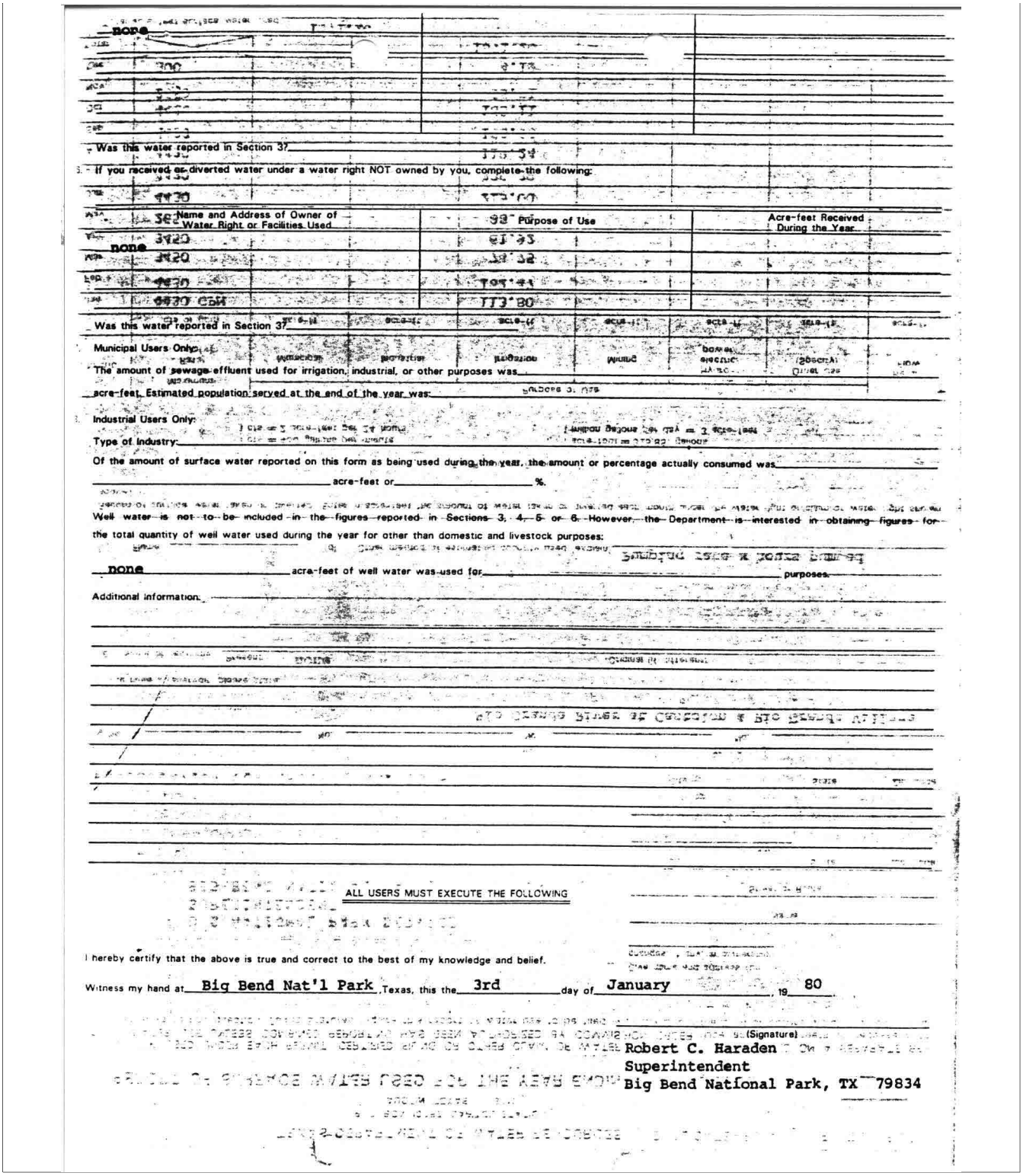
9. Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Department is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:

none acre-feet of well water was used for purposes.

10. Additional Information:

none

00-00-0000: report of surface water used for the year ending on 12/1979, cont.



none

Was this water reported in Section 3?

If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
none		

Was this water reported in Section 3?

Municipal Users Only:

The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

Industrial Users Only:

Type of Industry: _____

Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Department is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:

none acre-feet of well water was used for _____ purposes.

Additional information: _____

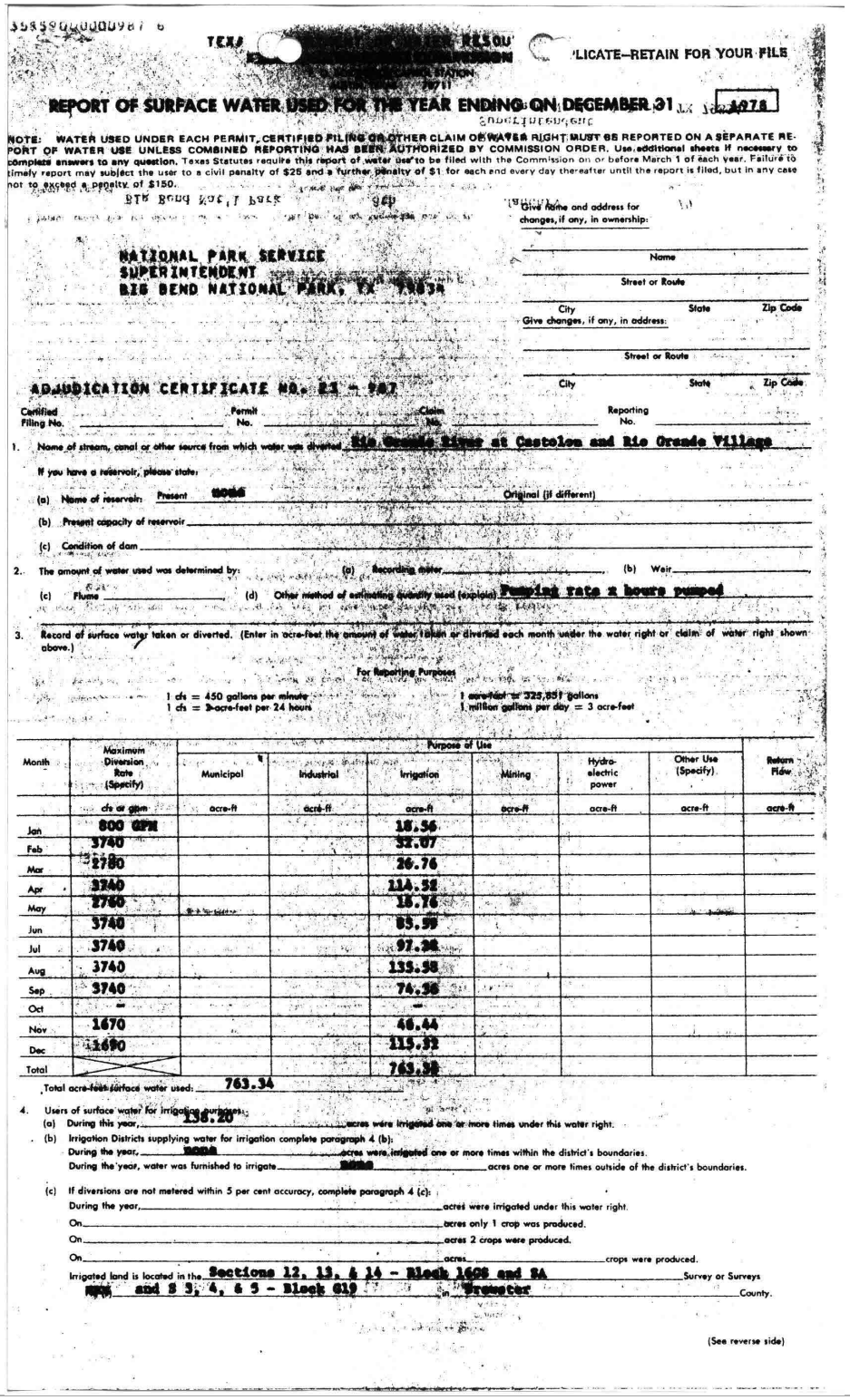
ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend Nat'l Park, Texas, this the 3rd day of January, 19 80.

(Signature) Robert C. Haraden
Superintendent
Big Bend National Park, TX 79834

00-00-0000: report of surface water used for the year ending on 12/1978



TEXAS [redacted] RESOU[redacted]

PLICATE—RETAIN FOR YOUR FILE

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31, 1978

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $25 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TX 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

ADJUDICATION CERTIFICATE NO. 23 - 3827

Certified Filing No. Permit No. Claim No. Reporting No.

1. Name of stream, canal or other source from which water was diverted Rio Grande River at Castolon and Rio Grande Village

If you have a reservoir, please state:

(a) Name of reservoir: Present none Original (if different)

(b) Present capacity of reservoir

(c) Condition of dam

2. The amount of water used was determined by: (a) Recording meter (b) Weir

(c) Flume (d) Other method of estimating quantity used (explain) Pumping rate x hours pumped

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2-acre-feet per 24 hours

1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	800 GPM			18.56				
Feb	3740			32.07				
Mar	2780			26.76				
Apr	3740			114.52				
May	2760			18.76				
Jun	3740			85.99				
Jul	3740			97.24				
Aug	3740			133.58				
Sep	3740			74.56				
Oct	—			—				
Nov	1670			46.44				
Dec	1690			115.53				
Total				763.34				

Total acre-feet surface water used: 763.34

4. Users of surface water for irrigation purposes:

(a) During this year, 138.20 acres were irrigated one or more times under this water right.

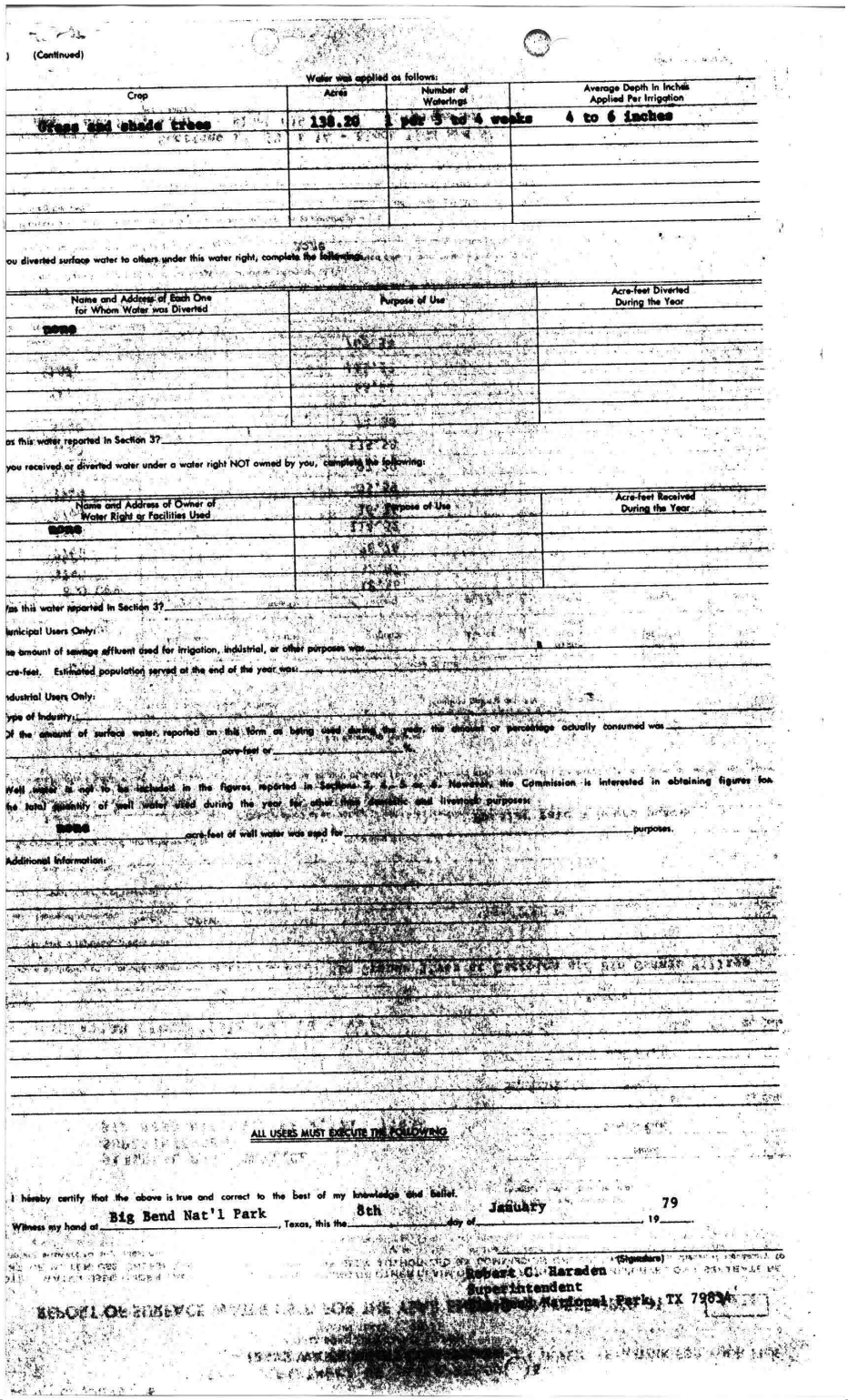
(b) Irrigation Districts supplying water for irrigation complete paragraph 4 (b):
During the year, none acres were irrigated one or more times within the district's boundaries.
During the year, water was furnished to irrigate none acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4 (c):
During the year, acres were irrigated under this water right.
On acres only 1 crop was produced.
On acres 2 crops were produced.
On acres crops were produced.

Irrigated land is located in the Sections 12, 13, & 14 - Block 1608 and 8A Survey or Surveys
and S 3, 4, & 9 - Block 219 in Brewster County.

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1978, cont.



(Continued)

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
Grass and shade trees	138.20	1 per 3 to 4 weeks	4 to 6 inches

ou diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
none		

as this water reported in Section 3? 112.20

you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
none		

/as this water reported in Section 3?

unicipal Users Only:

he amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was _____

ndustrial Users Only:

ype of Industry: _____

Of the amount of surface water, reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

Well water is not to be included in the figures reported in Sections 2, 3, 4, & 5. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes.

none acre-feet of well water was used for _____ purposes.

Additional information:

ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend Nat'l Park, Texas, this the 8th day of January 19 79

(Signature)

Robert C. Haraden
Superintendent
Big Bend National Park, TX 79834

October 17, 1977

L54

Gayle Manges
U.S. Field Solicitor
U.S. Court House FB/CP
Santa Fe, NM 87501

Dear Gayle:

Enclosed is a copy of the final decree in reference to the adjudication of water rights in Big Bend National Park.

This certificate has been duly filed in the Office of the County Clerk, Brewster County, Texas.

Sincerely,

J. F. Carithers
Superintendent

Encl.

cc: Regional Director,
Southwest Region w/encl.

Field Assistant to the Reg.Dir.
Southwest Region w/encl.

cc: Files
Reading Files
CARITHERS:jth 10/17/77

ALPINE, TEXAS August 26, 19 77

ELEN CRONE
.O. Drawer 119
lpine, Texas 79830

TO: National Park Service
c/o Superintendent
Big Bend Natl. Park, Texas

STATEMENT To: Helen Crone, County and District Clerk STATEMENT

ate	Kind of Instrument	From whom	To Whom	Rec. Fee	
'77	Cert. of Adjud. No. 23-987-Texas Water Rights Comm:,- Natl.			$ 1	50
			Park Serv.,		
	Paid	10/13/77			
			Total Due		

COUNTY BREWSTER No. 15599
P.O. BOX 119
ALPINE, TEXAS 79830

DATE 10-13-77

RECEIVED OF Nat'l. Park Service
☐ CHECK
☑ CURRENCY
ACCOUNT Rec'd. Cert. of Adjud.

AMOUNT PAID $ 1.50 BY H. Q.

IMPORTANT: RETAIN THIS RECEIPT

8444 CERTIFICATE OF ADJUDICATION

CERTIFICATE OF ADJUDICATION NO: 23-987

OWNER: NATIONAL PARK SERVICE, U.S. DEPT. OF INTERIOR

COUNTY: Brewster

PRIORITY DATES: November 17, 1915, and October 5, 1925

WATERCOURSE: Rio Grande

BASIN: Rio Grande

WHEREAS, by final decree of the 201st District Court of Travis County, Texas, in Cause No. 245,154, In Re: The Adjudication of Water Rights in the Upper Rio Grande and Tributaries of the Rio Grande Basin, dated August 13, 1976, a right was recognized under Permit Nos. 125 and 927 authorizing National Park Service to appropriate waters of the State of Texas as set forth below;

NOW, THEREFORE, this certificate of adjudication to appropriate waters of the State of Texas in the Rio Grande Basin is issued to National Park Service, U. S. Department of Interic subject to the following terms and conditions:

1. USE

Owner is authorized to divert and use not to exceed 1530 acre-feet of water per annum from the Rio Grande for municipal use in the Castolon and Rio Grande Village areas of Big Bend National Park in Brewster County, Texas.

2. DIVERSION

(a) Point of Diversion: At a point on the Rio Grande located northwesterly, 995 ft. more or less from the SW corner of Patricio Marquez Survey 12, Block 16, Abstract No. 6225 in the Castolon area.

(b) Point of Diversion: At a point in the Castolon area to be selected by the National Park Service.

(c) Point of Diversion: At a point on the Rio Grande located westerly, 1030 ft. more or less from the SE corner of G. C. & S. F. R. R. Co. Survey 3, Block G-19, Abstract No. 2221, in the Rio Grande Village area.

(d) Maximum Diversion Rate: 12.0 cfs (5,400 gpm).

3. PRIORITY

The time priority of owner's right is November 17, 1915, as to 750 acre-feet per annum and October 5, 1925, as to 780 acre-feet per annum.

The locations of pertinent features related to this certificate are shown on Page No. 14 of the Upper Rio Grande Certificates of Adjudication Maps, copies of which are located in the offices of the Texas Water Rights Commission and the office of the County Clerk.

This certificate of adjudication is issued subject to all terms, conditions and provisions provided for in the final decree of the 201st District Court of Travis County, Texas, dated August 13, 1976, in Cause No. 245,154, In Re: The Adjudication of Water Rights in the Upper Rio Grande and Tributaries in the Rio Grande Basin and supersedes all rights of the owner asserted in that cause.

This certificate of adjudication is issued subject to the Rules of the Texas Water Rights Commission and its continuing right of supervision of State water resources consistent with the public policy of the State set forth in Water Code §1.003.

TEXAS WATER RIGHTS COMMISSION

Joe D. Carter

Joe D. Carter, Chairman

DATE ISSUED:

AUG 18 1977

ATTEST:

Mary Ann Hefner

Mary Ann Hefner, Secretary

THE STATE OF TEXAS
COUNTY OF BREWSTER

I, HELEN CRONE, Clerk of the County Court in and for said County, do hereby certify that the foregoing Instrument of Writing dated the 18 day of August 1977 with its certificate of authentication, was filed for Record in my office, the 25 day of August 1977, at 11:55 o'clock A. M., and duly Recorded the 26 day of August 1977, at 3:00 o'clock P. M., in Irrigation Record of said County, in Vol. 1, Page 69.

WITNESS my hand and the seal of the County Court of said County, at office in Alpine, Texas, the day and year last above written.

Helen Crone
Clerk County Court, Brewster County, Texas

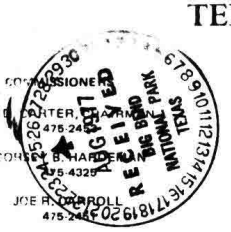
By Deputy.

FILED
at 11:55 o'clock A M.
AUG 25 1977
HELEN CRONE
County and District Clerk, Brewster County, Tex
By Deputy

08-23-1977: letter re: enclosures; august 23, 1977

TEXAS WATER RIGHTS COMMISSION

STEPHEN F. AUSTIN STATE OFFICE BUILDING



	Action Initial	Date
SUPERINTENDENT		
Asst. Supt.		
Admn. Officer		
CH. Ranger		
CH. Maint.		
CH. Nat.		
Library		
File		

COMMISSIONERS
JOE D. CARTER, CHAIRMAN
475-2401
CORBET B. HARDERMAN
475-4325
JOE R. CARROLL
475-2401

R. E. (BOB) SCHNEIDER
EXECUTIVE DIRECTOR
475-2452.
MARY ANN HEFNER
SECRETARY
475-4514

August 23, 1977

CERTIFIED MAIL

Honorable Helen Crone
County Clerk
Brewster County
County Courthouse
Alpine, Texas 79830

Dear Ms. Crone:

Enclosed are Certificates of Adjudication issued by the Texas Water Rights Commission to the holders named in the attached list.

These certificates are sent to you by direction of Section 5.324, Texas Water Code, which directs that upon receipt of the recording fee, you shall file and record the certificates in a well-bound book. After recording, we would appreciate your mailing it to the holders at the address on the enclosed list.

By copy of this letter, we are advising each certificate holder that the certificate is being sent to you and asking that satisfactory arrangements be made with you for payment of the recording fee. Further, please advise this office of the recording date, the record book and the volume and page numbers by executing and returning the enclosed cards (postage pre-paid envelope enclosed for returning recorded information).

Also enclosed with this packet are maps showing the location of pertinent features of each certificate of adjudication in this county.

Should you have any questions, please let us know.

Very truly yours,

TEXAS WATER RIGHTS COMMISSION

By Mary Ann Hefner
(Mrs.) Mary Ann Hefner

/mah

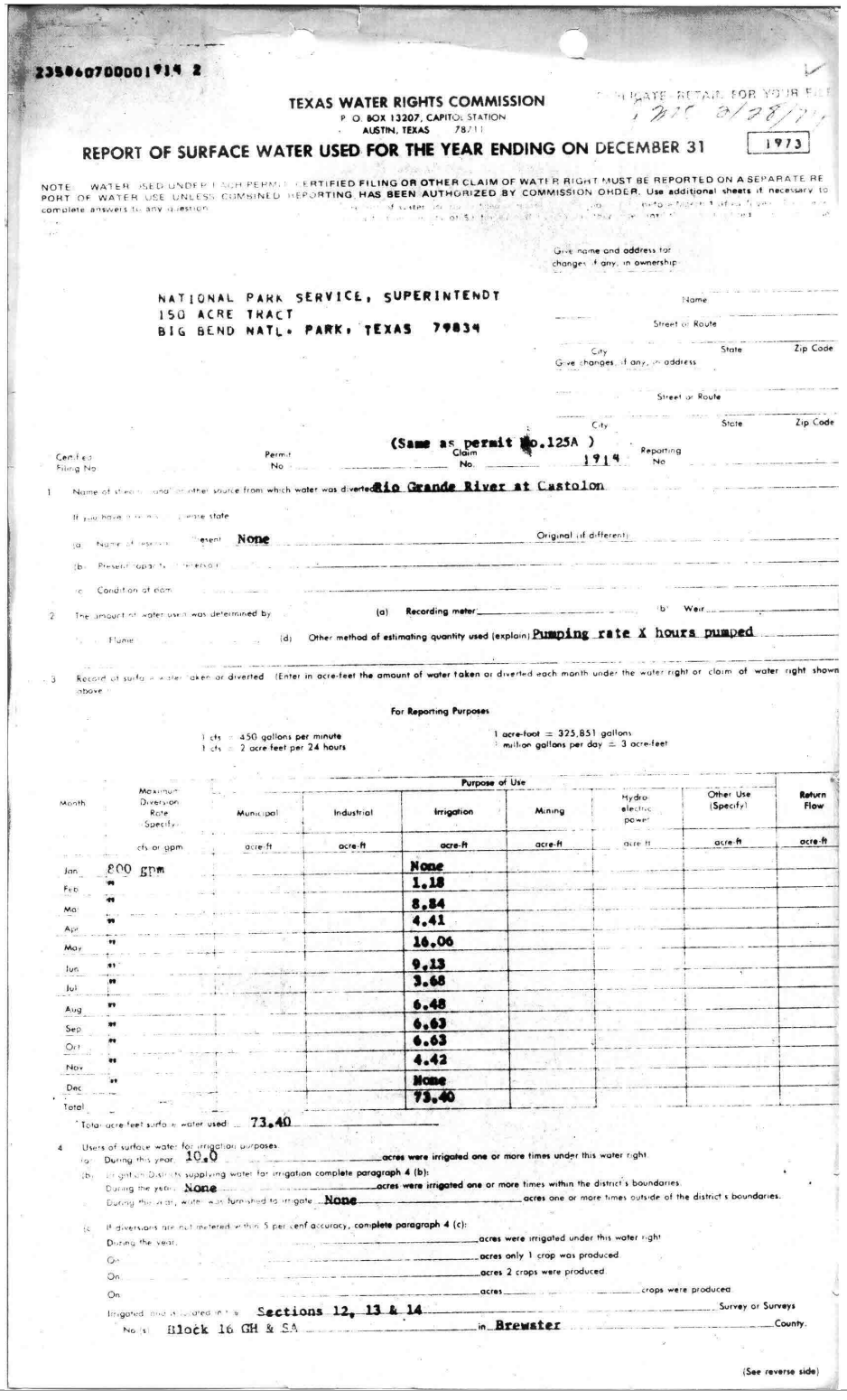
Enclosures: 1) Adjudication Certificates; 2) List of Certificate Holders; 3) Maps; and 4) Recording Cards and Postage Paid Envelope

cc: Certificate Holders

AN EQUAL OPPORTUNITY EMPLOYER

Brewster County:	Certificate of Adjudication No.
1. Arrow Investment Company, Inc. c/o Bill Wells P. O. Box 6767 Houston, Texas 77005	23-986
2. Mrs. Ulice J. Adams P. O. Box 426 Marathon, Texas 79842	23-988 and 23-989
3. E. A. Basse, Jr. 2 Lazy Lane San Antonio, Texas 78209	23-991
4. David S. Combs 302 Travis Building San Antonio, Texas 78206	23-990
5. National Park Service c/o Superintendent Big Bend National Park, Texas 79834	23-987

00-00-0000: report of surface water used for the year ending on 12/1973



2358607000019194 2

TEXAS WATER RIGHTS COMMISSION

P. O. BOX 13207, CAPITOL STATION
AUSTIN, TEXAS 78711

DUPLICATE RETAIN FOR YOUR FILE

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1973

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question.

NATIONAL PARK SERVICE, SUPERINTENDT
150 ACRE TRACT
BIG BEND NATL. PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:
Name
Street or Route
City State Zip Code

Give changes, if any, in address
Street or Route
City State Zip Code

(Same as permit No.125A)

Certified Filing No. | Permit No. | Claim No. 1914 | Reporting No.

1 Name of stream, pond or other source from which water was diverted: Rio Grande River at Castolon

If you have a water right from the state:

(a) Name of reservoir: Present None Original (if different)

(b) Present capacity of reservoir:

(c) Condition of dam:

2 The amount of water used was determined by: (a) Recording meter (b) Weir (c) Flume (d) Other method of estimating quantity used (explain): Pumping rate X hours pumped

3 Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours

1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan.	800 gpm			None				
Feb.	"			1.18				
Mar.	"			8.84				
Apr.	"			4.41				
May	"			16.06				
Jun.	"			9.13				
Jul.	"			3.68				
Aug.	"			6.48				
Sep.	"			6.63				
Oct.	"			6.63				
Nov.	"			4.42				
Dec.	"			None				
Total				73.40				

* Total acre-feet surface water used: 73.40

4 Users of surface water for irrigation purposes:

(a) During this year, 10.0 acres were irrigated one or more times under this water right.

(b) If certain Districts supplying water for irrigation complete paragraph 4 (b):
During the year, None acres were irrigated one or more times within the district's boundaries.
During this year, water was furnished to irrigate None acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4 (c):
During the year, acres were irrigated under this water right.
On acres only 1 crop was produced.
On acres 2 crops were produced.
On acres crops were produced.

Irrigated land is located in the Sections 12, 13 & 14 Survey or Surveys
No(s). Block 16 GH & SA in Brewster County.

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1972

3586070000191 4 2

Water Rights Docket #4
BIBE

TEXAS WATER RIGHTS COMMISSION
P. O. BOX 13207, CAPITOL STATION
AUSTIN, TEXAS 78711

ORIGINAL - RETURN TO COMMISSION

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1972

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. **Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $25 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.**

NATIONAL PARK SERVICE, SUPERINTENDT
150 ACRE TRACT
BIG BEND NATL. PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

Certified Filing No. _____ Permit No. _____ (Reference Permit# 125A) Claim No. 1914 Reporting No. _____

1. Name of stream, canal or other source from which water was diverted Rio Grande River at Castolon.

   If you have a reservoir, please state: NA

   (a) Name of reservoir: Present _____ Original (if different) _____

   (b) Present capacity of reservoir _____

   (c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Weir _____

   (c) Flume _____, (d) Other method of estimating quantity used (explain) Pumping rate x hrs. pumpe

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use						Return Flow
		Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	800 gpm	4.34						
Feb	" "	4.12						
Mar	" "	3.83						
Apr	" "	4.57						
May	" "	7.65						
Jun	" "	9.13						
Jul	" "	5.30						
Aug	" "	8.54						
Sep	" "	5.89						
Oct	" "	3.24						
Nov	" "	7.36						
Dec	" "	1.77						
Total		65.74						

Total acre-feet surface water used: 65.74

4. Users of surface water for irrigation purposes:
   (a) During this year, _____ acres were irrigated one or more times under this water right.
   (b) Irrigation Districts supplying water for irrigation complete paragraph 4(b):
   During the year, _____ acres were irrigated one or more times within the district's boundaries
   During the year, water was furnished to irrigate _____ acres one or more times outside of the district's boundaries.
   (c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4(c):
   During the year, _____ acres were irrigated under this water right.
   On _____ acres only 1 crop was produced.
   On _____ acres 2 crops were produced.
   On _____ acres _____ crops were produced.
   Irrigated land is located in the _____ Survey or Survey No(s) _____ in _____ County.

(See reverse side)

4(c) (Continued)

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1.			
2.			
3.			
4.			
5.			
6.			

If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year

Was this water reported in Section 3? _____

If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year

Was this water reported in Section 3? _____

Municipal Users Only:

The amount of sewage effluent used for irrigation, industrial, or other purposes was None. acre-feet. Estimated population served at the end of the year was: Estimated average of 15/day.

Industrial Users Only:

Type of Industry: _____

Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____%.

Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:

NA acre-feet of well water was used for _____ purposes.

Additional Information:

NA

ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend N.P., Texas, this the 22 day of January, 1973.

_____
(Signature)

09-29-1972: letter re: reminder of ten year provisions; september 29, 1972

TEXAS WATER RIGHTS COMMISSION

SAM HOUSTON STATE OFFICE BUILDING

COMMISSIONERS

OTHA F. DENT, CHAIRMAN
475-2451

JOE D. CARTER
475-2453

DORSEY B. HARDEMAN
475-4325

LOUIS L. McDANIELS
EXECUTIVE DIRECTOR
475-2452

AUDREY STRANDTMAN
SECRETARY
475-4514

September 29, 1972

Big Bend National Park
National Park Service
U. S. Department of Interior
Big Bend National Park, Texas 79834

Attn: Mr. J. F. Carithers, Superintendent

Re: Construction or Installation
Time Limitations
~~Application No. 129A~~
~~Permit No. 125A~~
(Near Castolon Range Station)

Gentlemen:

This is to remind you that your referenced amending permit issued June 28, 1972, contains provisions for the requested 10 years in which to provide for the optimum development of the system. See the enclosed copy of the amending Permit No. 125-A, Section 2, Time Limitations: "construction or installation of all works necessary for the optimum development of the municipal uses herein authorized shall be completed by permittee within 10 years from the date of issuance of this amendment (or to July 28, 1982). However, this limitation may be extended by the Commission upon a showing of factual and economic justification by permittee."

Compliance with provisions of the permit and Commission rules will keep your permit active and in force.

If we can be of assistance do not hesitate to call on us.

Very truly yours,

TEXAS WATER RIGHTS COMMISSION

By: John R. Clarke
John R. Clarke, P. E.
Head, Structural Review
and Inspection Section

BRB:jc
Enclosure

P. O. BOX 13207 AREA CODE 512 AUSTIN, TEXAS 78711

07-10-1972: memorandum re: water rights hearing; july 10, 1972

WR# 4

RECEIVED
NPS SOUTHWE
JUL 11 1972

	Action	Infor	Initial
D			
A-D			
MA			
OE			
C			
A			
S			
Files			

United States Department of the Interior

OFFICE OF THE SOLICITOR

SANTA FE FIELD OFFICE
RM. 224, U.S. COURTHOUSE
P.O. BOX 1042
SANTA FE, NEW MEXICO 87501

July 10, 1972

Memorandum

To: Director, Southwest Region, National Park Service

From: Field Solicitor, Santa Fe

Subject: Water Rights Hearing - Big Bend National Park, Texas

Enclosed for your information are copies of the approved, amended permits transferring water uses at Big Bend to municipal uses, together with related correspondence.

Gayle E. Manges
Field Solicitor, Santa Fe

Enclosures

cc:
Associate Solicitor, Parks and Recreation
U. S. Attorney, San Antonio
Department of Justice, Attention: Don Redd
Regional Solicitor, Denver
Director, National Park Service
(each w/copy of enclosures)

L54 Bibe

06-30-1972: letter re: enclosed permit; june 30, 1972

TEXAS WATER RIGHTS COMMISSION

SAM HOUSTON STATE OFFICE BUILDING

COMMISSIONERS
THA F. DENT, CHAIRMAN
475-2451
OE D. CARTER
475-2453
ORSEY B. HARDEMAN
475-4325

LOUIS L. McDANIELS
EXECUTIVE DIRECTOR
475-2452
AUDREY STRANDTMAN
SECRETARY
475-4514

June 30, 1972

CERTIFIED MAIL

Mrs. Sara Pugh
Brewster County Clerk
County Courthouse
Alpine, Texas 79831

Re: Permit No. 125-A

Dear Mrs. Pugh:

Enclosed is a permit issued by the Texas Water Rights Commission to BIG BEND NATIONAL PARK, NATIONAL PARK SERVICE, U. S. DEPARTMENT OF THE INTERIOR pursuant to Application No. 129-A.

This permit is sent to you by direction of Sections 5.134 and 5.135(a), Texas Water Code, which direct that upon receipt of the recording fee from the applicant, you shall file and record this permit in a well-bound book. After recording, we would appreciate your mailing it to Mr. J. F. Carithers, Superintendent, Big Bend National Park, Big Bend National Park, Texas 79834.

By copy of this letter, we are advising the permittee that the permit is being sent to you, and are asking that satisfactory arrangements be made with you for payment of the recording fee.

After recording, we would appreciate your completing the information requested on the enclosed card and return it to this office.

Very truly yours,

TEXAS WATER RIGHTS COMMISSION

By Audrey Strandtman
(Mrs.) Audrey Strandtman

AS:po
Enclosure
cc: Mr. J. F. Carithers

06-29-1972: certified mail re: enclosed certified copies; june 29, 1972

TEXAS WATER RIGHTS COMMISSION

SAM HOUSTON STATE OFFICE BUILDING

COMMISSIONERS
THA F. DENT, CHAIRMAN
475-2451
OE D. CARTER
475-2453
ORSEY B. HARDEMAN
475-4325

LOUIS L. McDANIELS
EXECUTIVE DIRECTOR
475-2452
AUDREY STRANDTMAN
SECRETARY
475-4514

June 29, 1972

CERTIFIED MAIL

Big Bend National Park
c/o Mr. J. F. Carithers, Superintendent
Big Bend National Park, Texas 79834

Dear Mr. Carithers:

Enclosed are certified copies of an Order of the Commission dated June 27, 1972, dismissing cancellation action against Permit No. 125 (A-129) of Big Bend National Park, National Park Service, United States Department of the Interior, details of which are more fully set out in the Order.

Very truly yours,

TEXAS WATER RIGHTS COMMISSION

By Audrey Strandtman
(Mrs.) Audrey Strandtman

AS:rp

Enclosures

07-05-1972: statement of charges; july 05, 1972

P. O. DRAWER 119 ALPINE, TEXAS. July 5, 1972

Big Bend National Park
National Park Service
U. S. Department of the Interior
Big Bend National Park, Texas 79834

TO HELEN CRONE, COUNTY AND DISTRICT CLERK OR

DATE	KIND OF INSTRUMENT	FROM WHOM	TO WHOM	REC. FEE
7-5-72	Permit	TEX. WATER RIGHTS COMMISSION	BIG BEND NATL. PARK	$ 2 50
7-5-72	Permit	" " " "	" " " "	2 50
			TOTAL	$ 5 00

TEXAS WATER RIGHTS COMMISSION

AN ORDER dismissing cancellation action against Permit No. 125 (A-129) of Big Bend National Park, National Park Service, United States Department of the Interior.

On the 2nd day of May, 1972, came on to be considered before the Texas Water Rights Commission the matter of forfeiting, revoking, and cancelling, in part, Permit No. 125 (A-129) of Big Bend National Park, National Park Service, United States Department of the Interior. This permit is of record in the files of the Texas Water Rights Commission and the records of the County Clerk of Brewster County, Texas, to which reference is made for all purposes.

Big Bend National Park appeared in person by its superintendent, Mr. J. F. Carithers and by its attorney, Mr. Gayle E. Manges, Office of the Solicitor, Department of the Interior. After hearing and considering all the evidence relating to the cancellation action against Permit No. 125 (A-129) the Commission finds that the permittee has furnished ample evidence to show that the water rights should not be cancelled.

NOW, THEREFORE, BE IT ORDERED BY THE TEXAS WATER RIGHTS COMMISSION that the cancellation action against Permit No. 125 (A-129) be and the same is hereby dismissed.

The Secretary is directed to send certified copies of this order to: Big Bend National Park c/o Mr. J. F. Carithers, Superintendent, Big Bend National Park, Texas 79834 and to Mr. Gayle E. Manges, Office of the Solicitor, United States Department of the Interior, Santa Fe Field Office, Room 224, U. S. Courthouse, P. O. Box 1042, Santa Fe, New Mexico 87501.

Executed and entered of record, this the 27th day of June, 1972.

TEXAS WATER RIGHTS COMMISSION

/s/ O. F. Dent
O. F. Dent, Chairman

/s/ Joe D. Carter
Joe D. Carter, Commissioner

/s/ Dorsey B. Hardeman
Dorsey B. Hardeman, Commissioner

ATTEST:

/s/ Audrey Strandtman
Audrey Strandtman, Secretary

STATE OF TEXAS X
X
COUNTY OF TRAVIS X

I, Audrey Strandtman, Secretary of the Texas Water Rights Commission, do hereby certify that the foregoing and attached is a true and correct copy of an order of said Commission, the original of which is filed in the permanent records of said Commission.

Given under my hand and the seal of the Texas Water Rights Commission, this the 27th day of June, A.D. 1972.

Audrey Strandtman

Audrey Strandtman, Secretary

PERMIT TO
APPROPRIATE STATE WATER

APPLICATION NO. 129-A PERMIT NO. 125-A TYPE: Amendment

Permittee	: Big Bend National Park, National Park Service, U. S. Department of the Interior	Address	: Big Bend National Park, Texas 79834
Received	: May 15, 1972	Filed	: June 19, 1972
Granted	: June 19, 1972	County	: Brewster
Watercourse	: Rio Grande	Watershed	: Rio Grande

WHEREAS, the Texas Water Rights Commission has considered the application to amend Permit No. 125 filed pursuant to Commission Rule 605 and finds that the application does not contemplate an additional use of water or increased rate of diversion and, if granted, would harm no other existing water right;

NOW, THEREFORE, this Amendment to Permit No. 125 is hereby issued to Big Bend National Park, National Park Service, Department of the Interior, subject to the following terms and conditions:

1. USE

Permittee is authorized to change the use of 750 acre-feet of water per annum from the Rio Grande, originally authorized by Permit No. 125 to be diverted and use for the irrigation of 250 acres of land, to municipal purposes in connection with the operation of a proposed recreational park site to be constructed in the vicinity of Castolon Ranger Station, Big Bend National Park, in Brewster County, Texas.

2. DIVERSION

(a) Permittee is authorized to install an additional point of diversion in the vicinity of an authorized point which is N 27° W, 995 feet from the southeast corner of Section 12, Block 16, GH&SA Ry. Co. Survey, Abstract No. 6225, Brewster County, Texas.

(b) The maximum combined rate of diversion shall not exceed 5 cfs (2250 gpm).

3. TIME LIMITATIONS

Construction or installation of all works necessary for the optimum development of the municipal uses herein authorized shall be completed by permittee within 10 years from the date of issuance of this amendment. However, this limitation may be extended by the Commission upon a showing of factual and economic justification by permittee.

This amendment is issued subject to all the conditions and provisions contained in Permit No. 125, except as herein amended.

Permittee agrees to be bound by the terms, conditions and provisions contained herein and such agreement is a condition precedent to the granting of this permit.

All other matters requested in the application which are not specifically granted by this permit are denied.

This permit is issued subject to the rules and regulations of the Texas Water Rights Commission and to its right of continual supervision.

TEXAS WATER RIGHTS COMMISSION

O. F. Dent, Chairman

Joe D. Carter, Commissioner

Dorsey B. Hardeman, Commissioner

Date Issued:

June 28, 1972

Attest:

Audrey Strandtman, Secretary

THE STATE OF TEXAS
COUNTY OF BREWSTER

I, HELEN CRONE, Clerk of the County Court in and for said County, do hereby certify that the foregoing Instrument of Writing dated the 28th day of JUNE 1972, with its certificate of authentication, was filed for Record in my office, the 3rd day of JULY 1972, at 8:45 o'clock A. M., and duly Recorded the 3rd day of JULY 1972, at 11:30 o'clock A. M., in IRRIGATION Record of said County, in Vol. 1, Page 42

WITNESS my hand and the seal of the County Court of said County, at office in Alpine, Texas, the day and year last above written.

HELEN CRONE
Clerk County Court, Brewster County, Texas

By Laura Goen Deputy.
Laura Goen

05-12-1972: application for amendment to a water right; may 12, 1972

TEXAS WATER RIGHTS COMMISSION

APPLICATION FOR AMENDMENT TO A WATER RIGHT
NOT REQUIRING PUBLIC HEARING

This form is to be used only for amendments which do not contemplate additional use or increased rate of diversion, pursuant to Paragraph 605. Rules, Regulations and Modes of Procedure (1964).

Application No. _____ Date Received _____
Hearing Date _____ Disposition _____

(Do not write above this line - for TWRC use only)

1. Name Big Bend National Park, Department of the Interior

Address _____

Big Bend National Park, Texas 79834
(City) (State) (Zip Code)

2. Permit/Certified Filing No. 125 County Brewster

Stream Rio Grande Watershed Same

Reservoir (present size and condition if one exists) _____

None

Original purposes authorized: Irrigation

3. Proposed uses: Municipal use in lieu of irrigation use. The conversion of the irrigation use to municipal use will reflect the actual and proposed uses being made of the water.

Other changes: (1) The change will not increase the consumptive use and will not harm any other existing water rights. (2) An additional point of diversion at a well approximately 100 feet from the river is requested. The point is indicated on the attached sketch and will not increase the rate of diversion. (3) The applicant requests that the permit, if granted, contain a provision granting a period of 10 years in which to provide for the optimum development of the water system.

(attach additional statement if necessary)

4. I understand that the Commission may require additional information in regard to the requested amendment before considering my application.

5. I have submitted the required fees herewith (Par.605.2 - $26.50).

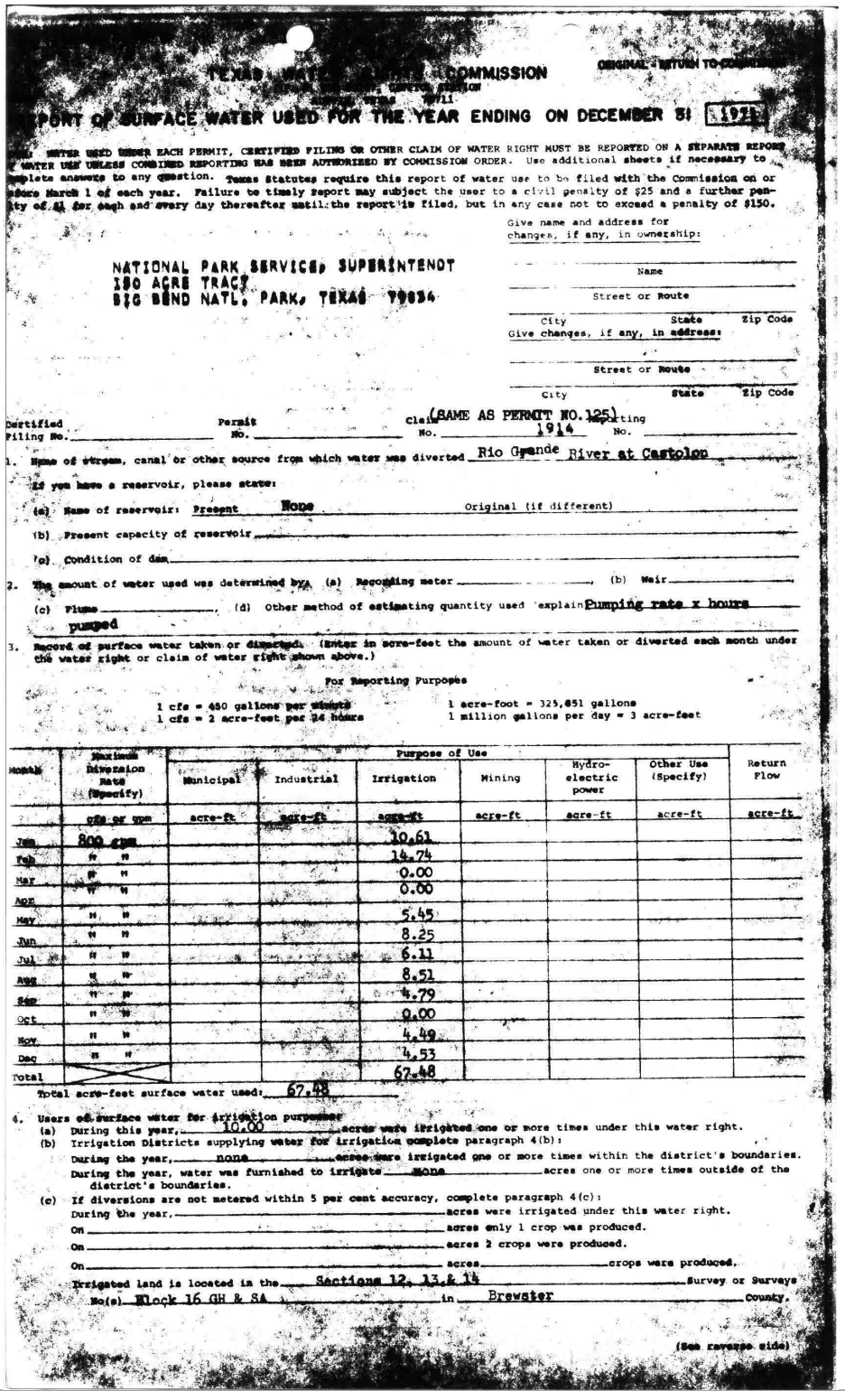
Witness my hand at Big Bend National Park, Texas, this the 12th day of May, 19 72

J. F. Carithers, Superintendent
Big Bend National Park, Texas

Subscribed and sworn to as being true and correct before me the 12th day of May, 1972.

Charley Fortenberry, U.S. Magistrate
Notary Public in and for
Brewster County, Texas.

00-00-0000: report of surface water used for the year ending on 12/1971



TEXAS WATER [illegible] COMMISSION

ORIGINAL - RETURN TO COMMISSION

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1971

WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT, WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $25 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.

NATIONAL PARK SERVICE, SUPERINTENDT
180 ACRE TRACT
BIG BEND NATL. PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

Certified Filing No. Permit No. Claim No. (SAME AS PERMIT NO. 125) 1914 Reporting No.

1. Name of stream, canal or other source from which water was diverted Rio Grande River at Castolon

If you have a reservoir, please state:

(a) Name of reservoir: Present None Original (if different)

(b) Present capacity of reservoir

(c) Condition of dam

2. The amount of water used was determined by: (a) Recording meter , (b) Weir ,

(c) Flume , (d) Other method of estimating quantity used (explain) Pumping rate x hours pumped

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	800 gpm			10.61				
Feb	" "			14.74				
Mar	" "			0.00				
Apr	" "			0.00				
May	" "			5.45				
Jun	" "			8.25				
Jul	" "			6.11				
Aug	" "			8.51				
Sep	" "			4.79				
Oct	" "			0.00				
Nov	" "			4.49				
Dec	" "			4.53				
Total				67.48				

Total acre-feet surface water used: 67.48

4. Users of surface water for irrigation purposes:

(a) During this year, 10.00 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4(b):

During the year, none acres were irrigated one or more times within the district's boundaries.

During the year, water was furnished to irrigate none acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4(c):

During the year, acres were irrigated under this water right.

On acres only 1 crop was produced.

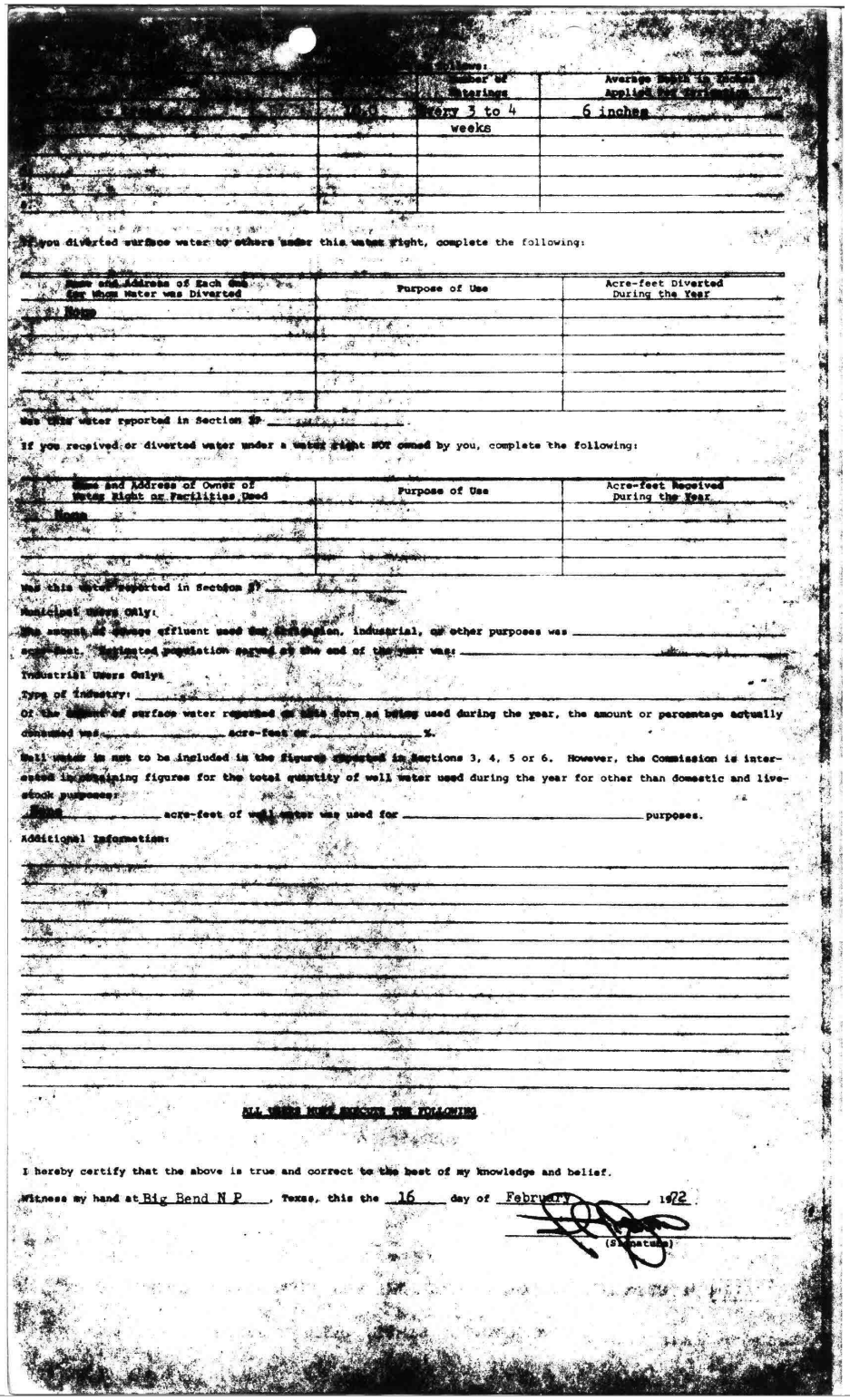
On acres 2 crops were produced.

On acres crops were produced.

Irrigated land is located in the Sections 12, 13 & 14 Survey or Surveys No(s). Block 16 GH & SA in Brewster County.

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1971, cont.



	Number of Waterings	Average Depth in Inches Applied Per Watering
	every 3 to 4 weeks	6 inches

If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
None		

Was other water reported in Section 3? _____

If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
None		

Was this water reported in Section 3? _____

Municipal Users Only:

The amount of sewage effluent used for irrigation, industrial, or other purposes was _____

acre-feet. The estimated population served at the end of the year was: _____

Industrial Users Only:

Type of industry: _____

Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:

None _____ acre-feet of well water was used for _____ purposes.

Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend N P, Texas, this the 16 day of February, 1972.

(Signature)

TEXAS WATER RIGHTS COMMISSION

Sam Houston State Office Building
Area Code 512 475-4666 or 475-2711
P. O. Box 13207
Austin, Texas 78711

ADDITIONAL SWORN STATEMENT FOR RIPARIAN CLAIMANTS DESIRING RECOGNITION OF A RIGHT BASED ON USE FROM 1968 TO 1970, INCLUSIVE, AS REQUIRED BY THE WATER RIGHTS ADJUDICATION ACT OF 1967 [SECTION 4(B) AND (C), ARTICLE 7542A, VERNON'S CIVIL STATUTES]. THIS FORM SHALL BE TYPEWRITTEN OR PRINTED LEGIBLY WITH INK. MAIL THE ORIGINAL TO THE TEXAS WATER RIGHTS COMMISSION IN THE ENCLOSED SELF-ADDRESSED ENVELOPE ON OR BEFORE JULY 1, 1971.

1. Name and address of claimant exactly as shown on original claim:

Superintendent
Big Bend National Park, Texas 79834

DO NOT WRITE IN THIS SPACE

Claim No.....:
County.....:
River or Coastal Basin.:
Purpose of Use:
Date Filed....:
Date Recorded.:
Volume_____, P._____, Water Rights Adjudication Act Claims Record.

2. Claim No. 125 (as assigned to claimant by Texas Water Rights Commission).

3. Name and address of present claimants if different from paragraph 1, above. If change of ownership occurred and the Commission has not been advised, attach with this statement a legal instrument evidencing proof of ownership in the present claimants:

4. General Location:

a. County Brewster, Original Survey(s) or Grant(s) with Abstract No(s).
Survey No. 12, Block 16 G.H. & S.A. RR Co

b. Rio Grande (Stream or Watercourse), a tributary to _____ (River)

in Rio Grande River Basin.

5. **Describe diversion and distribution facilities that were existing December 31, 1970, locating same on aerial photo as requested in paragraph 7. below. Indicate any differences between the existing facilities and those previously described in the original claim. (Use extra sheets as needed.)**

Water is pumped at a rate of 800 gpm from a collection gallery located within 100 feet of the Rio Grande River. Water is pumped through a 6" steel pipe for a distance of approximately 175 feet. The water then flows by gravity through 10" bituminous pipe for a distance of 1100 feet to the areas to be irrigated.

Type of Pump - Centrifugal. Make - Jacuzzi. Size of Intake - 4" connected to a 6" suction. Size of Outlet - 6". Rate capacity - 1000 gpm. Static Lift - 30'. Kind of Power - 230/460v, 3 phase. Description of Powerplant - Power furnished by REA. Pump operated by a 10 H.P., G. E. Motor,

6. **Historical use during the following period:**

Year	Surface Waters Diverted (Acre-feet/annum)	Rated Pump Capacity In Gallons Per Minute or if not pump, diversion capacity in Cubic Feet Per Second	Irrigators tabulate acres actually irrigated each year with Surface Waters
1968	26.23	800	6.65
1969	110.89	800	"
1970	88.71	800	"

7. **The existing pertinent features of this claim shall be located on the most recent U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service aerial photograph (xerox or other type duplicating machine copy not acceptable) available and attached to and made a part of this sworn statement. The pertinent features include but are not limited to the following, if applicable:**

a. Dams and reservoirs,
b. Actual irrigated areas,
c. Pipelines and/or canals,
d. Pumping plants and/or headgates,
e. Original surveys with abstract numbers,
f. Property boundaries,
g. Where dual systems of surface water and ground water are used on the same irrigated tracts show how system is integrated.

If aerial photographs are not available, show accurately the requested information on a map.

THE STATE OF TEXAS

COUNTY OF Brewster

Before me, the undersigned authority in and for said County and State on this day personally appeared Luther T. Peterson, Jr. who being by me duly sworn on oath stated that the statements in the foregoing instrument are true and correct to the best of his knowledge and belief.

Luther T. Peterson Jr.
Claimant

Subscribed and sworn to before me this 23rd day of April 19 71

(SEAL)

Shirley E. Shannon (US Magistrate)
Brewster
Notary Public
County, Texas

00-00-0000: report of surface water used for the year ending on 12/1970

3850000 23

DUPLICATE - RETAIN FOR YOUR FILE

TEXAS WATER RIGHTS COMMISSION

P. O. BOX 13207, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1970

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $25 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

Certified Filing No. _____ Permit No. 125 ~~use~~ Same as Claim No. 1914 Claim No. _____ Reporting No. _____

1. Name of stream, canal or other source from which water was diverted Rio Grande at Castolon

If you have a reservoir, please state:

(a) Name of reservoir: Present _____ Original (if different) _____

(b) Present capacity of reservoir _____

(c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Weir _____,

(c) Flume _____, (d) Other method of estimating quantity used (explain) _____

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours

1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	800 gpm			10.48				
Feb				5.00				
Mar				5.89				
Apr				--				
May				12.40				
Jun				--				
Jul				13.10				
Aug				13.26				
Sep				13.70				
Oct				8.40				
Nov				6.48				
Dec				--				
Total								

Total acre-feet surface water used: 88.71

4. Users of surface water for irrigation purposes:

(a) During this year, 6.65 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4(b):

During the year, None acres were irrigated one or more times within the district's boundaries.

During the year, water was furnished to irrigate None acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4(c):

During the year, _____ acres were irrigated under this water right.

On _____ acres only 1 crop was produced.

On _____ acres 2 crops were produced.

On _____ acres _____ crops were produced.

Irrigated land is located in the Sections 12, 13 & 14 Survey or Surveys No(s) Block 16 GH & SA in Brewster County.

(See reverse side)

4(c) (Continued)

Water was applied as follows:

	Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1.	Grass - trees	6.65	Every 3 to 4	6 inches
2.			weeks	
3.				
4.				
5.				
6.				

5. If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
None		

Was this water reported in Section 3? _____

6. If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
None		

Was this water reported in Section 3? _____

7. Municipal Users Only:
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

8. Industrial Users Only:
Type of Industry: _____
Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

9. Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:
_____ acre-feet of well water was used for _____ purposes.

10. Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend NP, Texas, this the _____ day of February //, 19 71

(Sgd.) LUTHER T. PETERSON, JR.
(Signature)

00-00-0000: report of surface water used for the year ending on 12/1970

9660700 23

DUPLICATE - RETAIN FOR YOUR FILE

TEXAS WATER RIGHTS COMMISSION

P. O. BOX 13207, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1970

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $10 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.

NATIONAL PARK SERVICE, SUPERINTENDT
150 ACRE TRACT
BIG BEND NATL. PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:

Name
Street or Route
City State Zip Code

Give changes, if any, in address:

Street or Route
City State Zip Code

Certified Filing No. ____ Permit No. ____ Claim No. 1914 Reporting No. ____

1. Name of stream, canal or other source from which water was diverted Same as Permit No. 125 Rio Grande at Castolon

If you have a reservoir, please state:

(a) Name of reservoir: Present None Original (if different) ____

(b) Present capacity of reservoir None

(c) Condition of dam None

2. The amount of water used was determined by: (a) Recording meter ____, (b) Weir ____, (c) Flume ____, (d) Other method of estimating quantity used (explain) ____

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	800 gpm			10.48				
Feb				5.00				
Mar				5.89				
Apr				--				
May				12.40				
Jun				--				
Jul				13.10				
Aug				13.26				
Sep				13.70				
Oct				8.40				
Nov				6.48				
Dec				--				
Total								

Total acre-feet surface water used: 88.71

4. Users of surface water for irrigation purposes:
(a) During this year, 6.65 acres were irrigated one or more times under this water right.
(b) Irrigation Districts supplying water for irrigation complete paragraph 4(b):
During the year, None acres were irrigated one or more times within the district's boundaries.
During the year, water was furnished to irrigate None acres one or more times outside of the district's boundaries.
(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4(c):
During the year, ____ acres were irrigated under this water right.
On ____ acres only 1 crop was produced.
On ____ acres 2 crops were produced.
On ____ acres ____ crops were produced.
Irrigated land is located in the Sections 12, 13 & 14 Survey or Surveys No(s) Block 16 GH & SA in Brewster County.

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1970, cont.

4(c) (Continued)

Water was applied as follows:

	Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1.	Grass - trees	6.65	Every 3 to 4 weeks	6 inches
2.				
3.				
4.				
5.				
6.				

5. If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
None		

Was this water reported in Section 3? _____

6. If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
None		

Was this water reported in Section 3? _____

7. Municipal Users Only:
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

8. Industrial Users Only:
Type of Industry: _____
Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____%.

9. Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:
_____ acre-feet of well water was used for _____ purposes.

10. Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend NP, Texas, this the _____ day of February //, 19 71.

J. LUTHER T. PETERSON, JR.
(Signature)

00-00-0000: report of surface water used for the year ending on 12/1969

TEXAS WATER RIGHTS COMMISSION

P. O. BOX 12396, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1969

DUPLICATE — RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $25 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route 15

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

Certified Filing No. _____ Permit No. 125 Claim No. _____ Reporting No. _____

1. Name of stream, canal or other source from which water was diverted Same as Claim No. 1914. Rio Grande River at Castolon

If you have a reservoir, please state:

(a) Name of reservoir: Present None Original (if different) _____

(b) Present capacity of reservoir None

(c) Condition of dam None

2. The amount of water used was determined by: (a) Recording meter _____, (b) Weir _____,

(c) Flume _____, (d) Other method of estimating quantity used (explain) _____

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use						Return Flow
		Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan				5.90				
Feb	800 gpm			10.31				
Mar				8.80				
Apr				11.78				
May								
Jun								
Jul				19.10				
Aug				6.20				
Sep				20.80				
Oct				10.33				
Nov				10.31				
Dec				7.36				
Total								

Total acre-feet surface water used: 110.89

4. Users of surface water for irrigation purposes:

(a) During this year, 6.65 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4(b):

During the year, None acres were irrigated one or more times within the district's boundaries.

During the year, water was furnished to irrigate None acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4(c):

During the year, _____ acres were irrigated under this water right.

On _____ acres only 1 crop was produced.

On _____ acres 2 crops were produced.

On _____ acres _____ crops were produced.

Irrigated land is located in the Sections 12, 13 & 14 Survey or Surveys No(s) Block 16 GH & SA in Brewster County.

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1969, cont.

4(c) (Continued)

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass - trees	6.65	18	6 inches
2.			
3.			
4.			
5.			
6.			

5. If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
None		

Was this water reported in Section 3? _____

6. If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
None		

Was this water reported in Section 3? _____

7. Municipal Users Only:
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

8. Industrial Users Only:
Type of Industry: _____
Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

9. Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:
_____ acre-feet of well water was used for _____ purposes.

10. Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend NP, Texas, this the 12th day of February, 1970.

(Sgd.) LUTHER T. PETERSON, JR.
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the 12th day of February, 1970.

Charles E. Hannon
Notary Public in and for Brewster County, Texas.

(SEAL)

WR #4

TEXAS WATER RIGHTS COMMISSION

Sam Houston State Office Building
Area Code 512 475-2913
P. O. Box 12396 Capitol Station
AUSTIN, TEXAS 78711

FORM FOR RECORDATION OF CERTAIN WATER CLAIMS AS REQUIRED BY THE WATER RIGHTS ADJUDICATION ACT OF 1967 (SECTION 4, ARTICLE 7542A, VERNON'S CIVIL STATUTES). THIS FORM SHALL BE TYPEWRITTEN OR PRINTED LEGIBLY WITH INK. MAIL THE ORIGINAL TO THE TEXAS WATER RIGHTS COMMISSION IN THE ENCLOSED SELF ADDRESSED ENVELOPE.

1. Name and address of claimant:

Superintendent
Big Bend National Park, Texas 79834

DO NOT WRITE IN THIS SPACE

Claim No. .....:
County .....:
River or Coastal Basin ..:
Purpose of Use:
Date Filed .....:
Date Recorded..:
Volume ____, p. ____, Water Rights Adjudication Act Claims Record.

2. Nature of Claim:

a. Type of claim Permit No. 125

b. Purpose of use Irrigation
(Irrigation, Municipal, Mining, Industrial, etc.)

c. Date of construction of diversion and/or distribution facilities March, 1916

d. Date of first beneficial use of water March, 1916

3. General Location:

a. County Brewster, Original Survey or Grant Survey No. 12, Block 16 G.H. & S. A. R.R. C.

b. Rio Grande River (Stream or Watercourse), a tributary to XXXXXXXXX (River)

in Rio Grande River Basin.

c. Location from a nearby town: 110 miles in a southerly direction from Marathon, Texas.

4. Diversion Works:

a. Location of point of diversion 1180 feet south and 1238 feet east feet (distance and direction) from the SW corner of Block 16 Original Survey No. 12, Abstract No. ____

in Brewster County, Texas.

b. The diversion is: (Check appropriate box)

(1) Directly from the stream ☐; (2) From an on-channel reservoir ☐; (3) From a stream to an off-channel reservoir ☐; (4) Other method (explain fully) ☒

From a 25 ft. deep collection gallery located within 100 feet of the Rio Grande River.

(Attach additional sheets as necessary)

c. Describe diversion and distribution facilities. Water is pumped by a 1000 g.p.m. pump from a collection gallery located within 100 feet of the Rio Grande River. Water is pumped through a 6" steel pipe for a distance of approximately 175 feet. The water then flows by gravity through 10" bituminous pipe for a distance of 1100 feet to the areas to be irrigated.

Type of Pump - Centrifugal. Make - Jacuzzi. Size of Intake - 4" connected to a 6" suction. Size of Outlet - 6". Rate capacity - 1000 gpm. Static Lift - 30'. Kind of Power - 230/460v, 3 phase. Description of Powerplant - Power furnished by REA. Pump operated by a 10 H.P. G. E. Motor.

(Attach additional sheets as necessary)

5. Dam and Reservoir Information:

a. Location of dam is approximately _____ feet in a _____ direction from the _____ corner of _____ Original Survey No. _____, Abstract No. _____ in _____ County, Texas.

b. Acre-feet of water impounded by structure at normal maximum operating level. _____

c. Surface area, in acres, of reservoir at normal maximum operating level. _____

6. Lands to be Irrigated: (If applicable)

a. Total number of acres capable of irrigation with existing system. 150

b. Total number of acres to be irrigated in any one year. 150

(6.65 Ac. of land are now being irrigated. However future development may require an additional 143.35 Ac.)

c. Legal description of the tracts of land in which irrigation is claimed.

About 300 acres of river bottom, 250 acres above overflow, located on Sections 12, 13, 14, Block 16 G.H. & S.A. Ry. Co. on federal owned land in Big Bend National Park, Texas. (Proof of ownership to be furnished upon request.) (See attached map.)

(Attach additional sheets as necessary)

7. Historical Use during the following period:

Year	Public Waters Diverted (Acre-feet/annum)	Rated Pump Capacity In Gallons Per Minute or if not pump, diversion capacity in Cubic Feet Per Second	Irrigators tabulate Acres actually irrigated each year with Public Waters.
1963	51.8	700 g.p.m.	6.65
1964	51.6	" "	6.65
1965	64.8	" "	6.65
1966	48.7	" "	6.65
1967	48.5	" "	6.65

8. Have you commenced or completed construction of facilities that will allow beneficial use of a greater quantity of water than was reported under Paragraph 7 above? Yes ☐ No ☐ X

If answer is yes, describe facilities for increasing use. _____

(Attach additional sheets as necessary)

9. The dam, reservoir, irrigated areas, pipelines, canals, original surveys with abstract numbers are shown on the aerial photograph or a map accompanying this claim.

See attached map.

a. Does the tract for which you claim an irrigation right border on the stream from which you claim to have the right to divert? Yes ☐ X No ☐

b. Do you have a ditch or pipeline easement or license to cross the intervening land or facility? Yes ☐ No ☐ X

c. Does surface water falling on your land drain naturally into the stream mentioned in 10. a.? Yes ☐ No ☐ X

[E STATE OF TEXAS

)UNTY OF Brewster

Before me, the undersigned authority in and for said County and State on this day personally appeared Luther T. Peterson, Jr. Superintendent who being by me duly sworn on oath stated that the state-nts in the foregoing instrument are true and correct to the best of his knowledge and belief.

Luther T. Peterson, Jr.
Claimant

Subscribed and sworn to before me this 29th day of August 1969.

(SEAL)

Notary Public Shirley T. Hammon
County, Texas. Brewster United States Commissioner

11-08-1915: report of surface water used for the year ending on 12/1968

TEXAS WATER RIGHTS COMMISSION
P. O. BOX 12396, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1968

DUPLICATE — RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $25 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

Certified Filing No. _____ Permit No. 125 Claim No. _____ Reporting No. _____

1. Name of stream, canal or other source from which water was diverted Rio Grande River at Castolon

If you have a reservoir, please state:

(a) Name of reservoir: Present None Original (if different) _____

(b) Present capacity of reservoir _____

(c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Weir _____,

(c) Flume _____, (d) Other method of estimating quantity used (explain) Pumping rate x hours pumped

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use						Return Flow
		Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan	270 gpm			5.80				
Feb	" "			6.00				
Mar	" "			3.77				
Apr	" "			1.39				
May	" "			3.58				
Jun	" "			3.68				
Jul	" "			0.00				
Aug	" "			2.03				
Sep	" "			0.00				
Oct	" "			0.00				
Nov	" "			0.00				
Dec	" "			0.00				
Total				26.23				

Total acre-feet surface water used: 26.23

4. Users of surface water for irrigation purposes:
(a) During this year, 6.6 acres were irrigated one or more times under this water right.
(b) Irrigation Districts supplying water for irrigation complete paragraph 4(b):
During the year, None acres were irrigated one or more times within the district's boundaries.
During the year, water was furnished to irrigate None acres one or more times outside of the district's boundaries.
(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4(c):
During the year, _____ acres were irrigated under this water right.
On _____ acres only 1 crop was produced.
On _____ acres 2 crops were produced.
On _____ acres _____ crops were produced.
Irrigated land is located in the 8, 12, 13 & 14 Blk. 16 GH & SA Survey or Surveys No(s) _____ in Brewster County.

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1968, cont.

4(c) (Continued)

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass and shade trees	6.6	Every 3 to 4 weeks	4 - 5 inches
2.			
3.			
4.			
5.			
6.			

5. If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
None		

Was this water reported in Section 3? _____

6. If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
None		

Was this water reported in Section 3? _____

7. Municipal Users Only:
The amount of sewage effluent used for irrigation, industrial, or other purposes was None acre-feet. Estimated population served at the end of the year was: _____

8. Industrial Users Only:
Type of Industry: None
Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

9. Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:
None acre-feet of well water was used for _____ purposes.

10. Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend Natl Park, Texas, this the 28 day of January, 1969.

Luther T. Adamson
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the 28 day of Jan., 1969.

Charley E. Shannon
Notary Public in and for
N.S. Commission
Brewster County, Texas.

(SEAL)

00-00-0000: report of surface water used for the year ending on 12/1969

TEXAS WATER RIGHTS COMMISSION

P. O. BOX 12396, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1969

DUPLICATE — RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER CLAIM OF WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE UNLESS COMBINED REPORTING HAS BEEN AUTHORIZED BY COMMISSION ORDER. Use additional sheets if necessary to complete answers to any question. Texas Statutes require this report of water use to be filed with the Commission on or before March 1 of each year. Failure to timely report may subject the user to a civil penalty of $25 and a further penalty of $1 for each and every day thereafter until the report is filed, but in any case not to exceed a penalty of $150.

NATIONAL PARK SERVICE, SUPERINTENDT
150 ACRE TRACT
BIG BEND NATL. PARK, TEXAS 79834

Give name and address for changes, if any, in ownership:

Name

Street or Route 15

City State Zip Code

Give changes, if any, in address:

Street or Route

City State Zip Code

Certified Filing No. _____ Permit No. _____ Claim No. 1914 Reporting No. _____

1. Name of stream, canal or other source from which water was diverted Same as Permit No. 125, Rio Grande River at Castolon

If you have a reservoir, please state:

(a) Name of reservoir: Present None Original (if different) _____

(b) Present capacity of reservoir None

(c) Condition of dam None

2. The amount of water used was determined by: (a) Recording meter _____, (b) Weir _____,

(c) Plume _____, (d) Other method of estimating quantity used (explain) _____

3. Record of surface water taken or diverted. (Enter in acre-feet the amount of water taken or diverted each month under the water right or claim of water right shown above.)

For Reporting Purposes

1 cfs = 450 gallons per minute
1 cfs = 2 acre-feet per 24 hours
1 acre-foot = 325,851 gallons
1 million gallons per day = 3 acre-feet

Month	Maximum Diversion Rate (Specify)	Purpose of Use: Municipal	Industrial	Irrigation	Mining	Hydro-electric power	Other Use (Specify)	Return Flow
	cfs or gpm	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft	acre-ft
Jan				5.90				
Feb	800 gpm			10.31				
Mar				8.80				
Apr				11.78				
May								
Jun								
Jul				19.10				
Aug				6.20				
Sep				20.80				
Oct				10.33				
Nov				10.31				
Dec				7.36				
Total								

Total acre-feet surface water used: 110.89

4. Users of surface water for irrigation purposes:

(a) During this year, 8.65 acres were irrigated one or more times under this water right.

(b) Irrigation Districts supplying water for irrigation complete paragraph 4(b):

During the year, None acres were irrigated one or more times within the district's boundaries.

During the year, water was furnished to irrigate None acres one or more times outside of the district's boundaries.

(c) If diversions are not metered within 5 per cent accuracy, complete paragraph 4(c):

During the year, _____ acres were irrigated under this water right.

On _____ acres only 1 crop was produced.

On _____ acres 2 crops were produced.

On _____ acres _____ crops were produced.

Irrigated land is located in the Sections 12, 13 & 14 Survey or Surveys No(s) Block 16 GH & SA in Brewster County.

(See reverse side)

00-00-0000: report of surface water used for the year ending on 12/1969, cont.

(c) (Continued)

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass - trees	6.65	every 3 wk. 13 4 weeks	6 inches
2.			
3.			
4.			
5.			
6.			

5. If you diverted surface water to others under this water right, complete the following:

Name and Address of Each One for Whom Water was Diverted	Purpose of Use	Acre-feet Diverted During the Year
None		

Was this water reported in Section 3? _____

6. If you received or diverted water under a water right NOT owned by you, complete the following:

Name and Address of Owner of Water Right or Facilities Used	Purpose of Use	Acre-feet Received During the Year
None		

Was this water reported in Section 3? _____

7. Municipal Users Only:
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

8. Industrial Users Only:
Type of Industry: _____
Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____%.

9. Well water is not to be included in the figures reported in Sections 3, 4, 5 or 6. However, the Commission is interested in obtaining figures for the total quantity of well water used during the year for other than domestic and livestock purposes:
_____ acre-feet of well water was used for _____ purposes.

10. Additional Information:

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend NP, Texas, this the 12th day of February, 1970

(Sgd.) LUTHER T. PETERSON, JR.
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the 12th day of February, 1970

Notary Public in and for Brewster County, Texas.

(SEAL)

00-00-0000: report of surface water used for the year ending on 12/1967

TEXAS WATER RIGHTS COMMISSION
P.O. BOX 12396, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1967

DUPLICATE -- RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING, OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Texas Water Rights Commission showing such use. Please use additional sheets if necessary to complete answers to any questions.

Change, if any, in ownership:

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS 79834

15

Changes, if any, in address:

Street or Route

City State

Certified Filing No. _____ Permit No. 125 Reporting No. _____

1. Name of stream or canal from which water was diverted Rio Grande @ Castolon
   If you have a reservoir, please state:
   (a) Name of reservoir: Present _____ Original _____
   (b) Present capacity of reservoir _____
   (c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____ (b) Weir _____
   (c) Flume _____, (d) Other method of estimating quantity used (explain) Pump Rating X hours pumped X efficiency factor

3. Detail of amount of surface water used: (ALL USERS)
   In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet. (325,851 gal. = 1 ac-ft)

Mo.	Municipal & Domestic Use	Industrial Use	Irrigation Use	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
Jan			0.0						700
Feb			5.9						700
Mar			.9						700
Apr			2.1						700
May			7.7						700
Jun			17.6						700
Jul			1.9						700
Aug			1.3						700
Sep			4.6						700
Oct			0.0						700
Nov			5.1						700
Dec			1.4						700
TOTAL			48.5						

**Indicate gal. per minute or cubic feet per second.

Total acre-feet surface water used: 48.5

WELL WATER is not to be included in the figures reported under item number 3 above. However, for planning purposes only, the Commission is interested in obtaining figures for the total quantity of well water used during the year: See TWDB, _____ acre-feet.
Code No. 88952 (See reverse side)

icles 7611, 7612, and 7612a, Revised Civil Statutes of Texas
(2-2)

5. If all of the water reported was not diverted from your facilities, please state the name of supplier and approximate amount of water obtained from such source.
Name -- Amount -- Acre-Feet

6. If you supplied water to other users, give the names of those supplied, quantities of water supplied, and purpose for which the water was used. Was this water reported under Item Number 3? --

Name and Address	Purpose	Acre-Feet
--		

7. Irrigators Only:
During the year 1967 6.6 acres were irrigated under this water right.
On -- acres only 1 crop was produced.
On -- acres 2 crops were produced.
On -- acres -- crops were produced.

This property is located in the S 12, 13, 14, Blk 16, GH & SA Survey or Surveys No(s) -- in Brewster County.

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
Grass & Shade Trees	6.6	Every 3-4 wks.	4-6 inches
1.			
2.			
3.			
4.			
5.			

PLEASE DO NOT SHOW ANY DUPLICATION OF USE

8. Municipal Users Only:
The amount of water returned to the stream as sewage effluent was -- acre-feet.
The amount of sewage effluent used for irrigation, industrial, or other purposes was -- acre-feet. Estimated population served at the end of the year was: --

9. Industrial Users Only:
Type of Industry: --
Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was -- acre-feet or -- %.

10. Additional Information:
Recreation development in this area is in the planning and construction phase. Irrigation at this time is to maintain existing trees and lawns in a picnic area.

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.
Witness my hand at Big Bend Nat'l. Park, Texas, this the 1st day of March 1968.

Luther T. Peterson, Jr. Signature Superintendent

Subscribed and sworn to before me, the undersigned authority, on this the 1st day of March, 1968

Notary Public in and for -- County, Texas

(SEAL)

00-00-0000: report of surface water used for the year ending on 12/1966

WATER RIGHTS COMMISSION
P.O. BOX 12396, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING ON DECEMBER 31 1966

DUPLICATE — RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING, OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Texas Water Rights Commission showing such use. Please use additional sheets if necessary to complete answers to any questions.

Change, if any, in ownership:

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS 79834

593 a.f. per yr.

Changes, if any, in address:

Street or Route

City State

Certified Filing No. _____ Permit No. 125 Riparian No. _____

1. Name of stream or canal from which water was diverted Rio Grande River at Castolon
   If you have a reservoir, please state:
   (a) Name of reservoir: Present _____ Original _____
   (b) Present capacity of reservoir _____
   (c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Wier _____
   (c) Flume _____, (d) Other method of estimating quantity used (explain) pump rating X hours of operation

3. Detail of amount of surface water used: (ALL USERS)
   In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet. (325,851 gal. = 1 ac-ft)

Mo.	Municipal & Domestic Use	Industrial Use	Irrigation Use in Recreation Area	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
Jan									
Feb			10.31						700
Mar			14.95						"
Apr			7.73						"
May			2.96						"
Jun			3.48						"
Jul			5.80						"
Aug			3.48						"
Sep									
Oct									
Nov									
Dec									
TOTAL			48.71						

Total acre-feet surface water used: 48.71

**Indicate gal. per minute or cubic feet per second.

4. WELL WATER is not to be included in the figures reported under item number 3 above. However, for planning purposes only, the Commission is interested in obtaining figures for the total quantity of well water used during the year: -- acre-feet.

*Articles 7611, 7612, and 7612a, Revised Civil Statutes of Texas See T.W.D.B. CODE No. 88952 (See reverse side)

C-36 (62-2)

00-00-0000: report of surface water used for the year ending on 12/1966, cont.

5. If all of the water reported was not ...ined from your facilities, please state ...ne of supplier and approximate amount of water obtained from such source.

Name _____ Amount _____ Acre-Feet

6. If you supplied water to other users, give the names of those supplied, quantities of water supplied, and purpose for which the water was used. Was this water reported under Item Number 3? _____

Name and Address	Purpose	Acre-Feet
None		

7. Irrigators Only:

During the year 1966 20 acres were irrigated under this water right.
On _____ acres only 1 crop was produced.
On _____ acres 2 crops were produced.
On _____ acres _____ crops were produced.

This property is located in the Sec. 12, 13, 14 of Blk 16 GH & SA Survey or Surveys No(s) _____ in Brewster County.

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass & Shade Trees	20	Every 3 wks.	3 inches
2.			
3.			
4.			
5.			

PLEASE DO NOT SHOW ANY DUPLICATION OF USE

8. **Municipal Users Only:**
The amount of water returned to the stream as sewage effluent was _____ acre-feet.
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of the year was: _____

9. **Industrial Users Only:**
Type of Industry: _____
Of the amount of surface water reported on this form as being used during the year, the amount or percentage actually consumed was _____ acre-feet or _____ %.

10. **Additional Information:**
Recreation development in this area is in the planning and construction phase. Irrigation at this time is to maintain existing trees and lawns in a picnic area.

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend National Park, Texas, this the 20th day of January 1967.

/S/ Perry E. Brown
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the, 20th day of January, 1967

(SEAL)

Notary Public in and for Brewster County, Texas

00-00-0000: report of surface water used for the year ending on 12/1965

TEXAS WATER RIGHTS COMMISSION
P.O. BOX 12087, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING DECEMBER 31, 1965

DUPLICATE — RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING, OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Texas Water Rights Commission showing such use. Please use additional sheets if necessary to complete answers to any questions.

Change, if any, in ownership:

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS 79834

15

Changes, if any, in address:

Street or Route

City State

Certified Filing No. _____ Permit No. 125 Riparian No. _____

1. Name of stream or canal from which water was diverted Rio Grande at Rio Grande City
   If you have a reservoir, please state:
   (a) Name of reservoir: Present _____ Original _____
   (b) Present capacity of reservoir _____
   (c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Wier _____
   (c) Flume _____, (d) Other method of estimating quantity used (explain) pump rating X hours of operation

3. Detail of amount of surface water used: (ALL USERS)
   In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet. (325,851 gal. = 1 ac. ft.)

Mo.	Municipal & Domestic Use	Industrial Use	Irrigation Use in Recreation Area	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
Jan			5.28						200
Feb			2.45						"
Mar			12.24						"
Apr			5.28						"
May			6.45						"
Jun			6.70						"
Jul			8.40						"
Aug			6.31						"
Sep			3.48						"
Oct			8.32						"
Nov			0.00						
Dec			0.00						
TOTAL			64.75						

**Indicate gal. per minute or cubic feet per second.

Total acre-feet surface water used: 64.75

4. WELL WATER is not to be included in the figures reported under item number 3 above. However, for planning purposes only, the Commission is interested in obtaining figures for the total quantity of well water used in 1965: -- acre feet.

*Articles 7611, 7612, and 7612a, Revised Civil Statutes of Texas

See T.W.D.B. CODE No. 88952

(See reverse side)

C-36 (62-2)

5. If all of the water reported was not obtained from your facilities, please state name of supplier and approximate amount of water obtained from such source.

Name _____ Amount _____ Acre-Feet

6. If you supplied water to other users, give the names of those supplied, quantities of water supplied, and purpose for which the water was used. Was this water reported under Item Number 3? _____

Name and Address	Purpose	Acre-Feet
NONE		

7. Irrigators Only:

In 1965 20 acres were irrigated under this water right.
On _____ acres only 1 crop was produced.
On _____ acres 2 crops were produced.
On _____ acres _____ crops were produced.

This property is located in the Sec. 12, 13 & 14 of Blk 16 GH & SA Survey or Surveys No(s) _____ in Brewster County County.

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass & Shade Trees	20	3 Every 2 wks.	3 inches
2.			
3.			
4.			
5.			

PLEASE DO NOT SHOW ANY DUPLICATION OF USE

8. **Municipal Users Only:**
The amount of water returned to the stream as sewage effluent was _____ acre-feet.
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end 1965 was: _____

9. **Industrial Users Only:**
Type of Industry: _____
Of the amount of surface water reported on this form as being used during 1965, the amount or percentage actually consumed was _____ acre-feet or _____ %.

10. **Additional Information:**
Recreation development in this area is in the planning and construction phase. Irrigation at this time is to maintain existing trees and lawns in a picnic area.

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.
Witness my hand at Big Bend National Park, Texas, this the 21 day of February 1966.

/s/ Perry E. Brown
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the, Twenty-first day of February, 1966.

/s/ Charley E. Shannon
Notary Public in and for
United States Commissioner Brewster County, Texas

(SEAL)

00-00-0000: report of surface water used for the year ending on 12/1964

TEXAS WATER COMMISSION

P. O. BOX 12311, CAPITOL STATION
AUSTIN, TEXAS 78711

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING DECEMBER 31, 1964

ORIGINAL - RETURN TO COMMISSION

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING, OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Texas Water Commission showing such use. Please use additional sheets if necessary to complete answers to any questions.

Change, if any, in ownership:

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS 79834

15

Changes, if any, in address:

Street or Route

City State

Certified Filing No. _____ Permit No. 125 Riparian No. _____

1. Name of stream or canal from which water was diverted Rio Grande
   If you have a reservoir, please state:
   (a) Name of reservoir _____
   (b) Present capacity of reservoir _____
   (c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Wier _____
   (c) Flume _____, (d) Other method of estimating quantity used (explain) Pump rating X hours of operation

3. Detail of amount of surface water used: (ALL USERS)
   In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet. (325,851 gal. = 1 ac. ft.)

Mo.	Municipal & Domestic Use	Industrial Use	Irrigation Use in Recreation Area	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
Jan			2,320						700
Feb			3,480						"
Mar			6,058						"
Apr			3,350						"
May			5,930						"
Jun			5,030						"
Jul			8,760						"
Aug			2,320						"
Sep			4,130						"
Oct			3,030						"
Nov			7,220						"
Dec			000						"
TOTAL			51,628						

Total acre-feet surface water used: 51,628

**Indicate gal. per minute or cubic feet per second.

4. WELL WATER is not to be included in the figures reported under item number 3 above. However, for planning purposes only, the Commission is interested in obtaining figures for the total quantity of well water used in 1964: 26.47 acre feet.

*Articles 7611, 7612, and 7612a, Revised Civil Statutes of Texas

(See reverse side)

C-36 (62-2)

5. If all of the water reported was not obtained from your facilities, please state name of supplier and approximate amount of water obtained from such source.
Name NONE Amount NONE Acre-Feet

6. If you supplied water to other users, give the names of those supplied, quantities of water supplied, and purpose for which the water was used. Was this water reported under Item Number 3?

Name and Address	Purpose	Acre-Feet
NONE		

7. Irrigators Only:

In 1964 20 acres were irrigated under this water right.
On _____ acres only 1 crop was produced.
On _____ acres 2 crops were produced.
On _____ acres _____ crops were produced.

This property is located in the Sec. 12, 13, & 14 of Blk. 16 GH & SA Survey or Surveys No(s). _____ in Brewster County.

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass & Shade Trees	20	Every 2 Weeks	3
2.			
3.			
4.			
5.			

PLEASE DO NOT SHOW ANY DUPLICATION OF USE

8. **Municipal Users Only:**
The amount of water returned to the stream as sewage effluent was _____ acre-feet.
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of 1964 was: _____.

9. **Industrial Users Only:**
Type of Industry: _____
Of the amount of surface water reported on this form as being used during 1964, the amount or percentage actually consumed was _____ acre-feet or _____ %.

10. **Additional Information:**
Recreation development in this area is in the planning and construction phase. Irrigation at this time is to maintain existing trees and lawns in a picnic area.

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend National Park, Texas, this the 22nd day of January 1965.

Perry E. Brown Perry E. Brown
(Signature) Superintendent

Subscribed and sworn to before me, the undersigned authority, on this the, 22nd day of January, 1965.

(SEAL) Charley E. Thomson
Notary Public in and for
Brewster County, Texas

00-00-0000: report of surface water used for the year ending on 12/1963

TE[illegible]S WATER COMMISSION
P. O. BOX 2311, CAPITOL STATION
AUSTIN 11, TEXAS

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING DECEMBER 31, 1963

DUPLICATE - RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING, OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Texas Water Commission showing such use. Please use additional sheets if necessary to complete answers to any questions.

Change, if any, in ownership:

NONE

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK, TEXAS

Changes, if any, in address:

NONE
Street or Route

City State

Certified Filing No. _____ Permit No. 125 Riparian No. 15

1. Name of stream or canal from which water was diverted Rio Grande
   if you have a reservoir, please state:
   (a) Name of reservoir _____
   (b) Present capacity of reservoir _____
   (c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Wier _____
   (c) Flume _____, (d) Other method of estimating quantity used (explain) Pump Rating x hours of operation

3. Detail of amount of surface water used: (ALL USERS)
   In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet. (325,851 gal. = 1 ac. ft.)

Mo.	Municipal & Domestic Use	Industrial Use	Irrigation Use in Recreation Area	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
Jan			1.675						700
Feb			1.288						"
Mar			5.800						"
Apr			7.862						"
May			6.315						"
Jun			6.186						"
Jul			6.186						"
Aug			5.155						"
Sep			3.609						"
Oct			3.737						"
Nov			3.995						"
Dec			-----						"
TOTAL			51.808						

Total acre-feet surface water used: 51.808

**Indicate gal. per minute or cubic feet per second.

4. WELL WATER is not to be included in the figures reported under item number 3 above. However, for planning purposes only, the Commission is interested in obtaining figures for the total quantity of well water used in 1963: 25.700 acre feet.

*Articles 7611, 7612, and 7612a, Revised Civil Statutes of Texas

C-36 (62-2)

(See reverse side)

5. If all of the water reported was not obtained from your facilities, please state name of supplier and approximate amount of water obtained from such source.
Name NONE Amount NONE Acre-Feet

6. If you supplied water to other users, give the names of persons supplied, quantities of water supplied, and purpose for which the water was used. Was this water reported under Item Number 3?

Name and Address	Purpose	Acre-Feet
NONE		

7. Irrigators Only:

In 1963, acres were irrigated under this water right.
On acres only 1 crop was produced.
On acres 2 crops were produced.
On acres crops were produced.

This property is located in the Sec. 12, 13 & 14 of Blk. 16, GH & S.A. Survey or Surveys No(s). in Brewster County.

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth in Inches Applied Per Irrigation
1. Grass & shade trees	20	Every 2 weeks	3
2.			
3.			
4.			
5.			

PLEASE DO NOT SHOW ANY DUPLICATION OF USE

8. **Municipal Users Only:**
The amount of water returned to the stream as sewage effluent was acre-feet.
The amount of sewage effluent used for irrigation, industrial, or other purposes was acre-feet. Estimated population served at the end of 1963 was:

9. **Industrial Users Only:**
Type of Industry:
Of the amount of surface water reported on this form as being used during 1963, the amount or percentage actually consumed was acre-feet or %.

10. **Additional Information:**
Recreation development in this area is in the planning and construction phase. Irrigation at this time is a holding operation to maintain a few trees and lawns in picnic area.

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend National Park, Texas, this the day of 196.

Coleman C. Newman
(Signed) Superintendent
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the, day of , 196.

Notary Public in and for

(SEAL) County, Texas

00-00-0000: report of surface water used for the year ending on 12/1962

TEXAS WATER COMMISSION

P. O. BOX 2311, CAPITOL STATION
AUSTIN 11, TEXAS

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING DECEMBER 31, 1962

DUPLICATE - RETAIN FOR YOUR FILES

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING, OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Texas Water Commission showing such use. Please use additional sheets if necessary to complete answers to any questions.

Change, if any, in ownership:

A certified copy of instrument conveying water rights to the new owner:

☐ is attached ☐ will be sent 15

National Park Service
Superintendent
Big Bend National Park, Texas

Changes, if any, in address:

Street or Route

City State

Certified Filing No. _____ Permit (Casselon) No. 129 Riparian No. _____

1. Name of stream or canal from which water was diverted Rio Grande
If you have a reservoir, please state:
(a) Name of reservoir _____
(b) Present capacity of reservoir _____
(c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Wier _____
(c) Flume _____, (d) Other method of estimating quantity used (explain) _____
Pump rating multiplied by (recorded) hours of operation

3. Detail of amount of surface water used: (ALL USERS)
In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet, (325,851 gal. = 1 ac. ft.)

Mo.	Municipal & Domestic Use	Industrial Use	Irrigation Use	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
			(Recreation Park)						
Jan			-						
Feb			-						
Mar			5,082						350
Apr			5,671						350
May			7,475						350
Jun			7,733						350
Jul			3,222						350
Aug			5,542						350
Sep			5,155						350
Oct			6,831						350
Nov			2,835						350
Dec			-						
TOTAL			49,546						

Total acre-feet surface water used: 49,546 (River Diversion)

**Indicate gal. per minute or cubic feet per second.

4. WELL WATER is not to be included in the figures reported under item number 3 above. However, for planning purposes only, the Commission is interested in obtaining figures for the total quantity of well water used in 1962: 24 acre feet.

*Articles 7611, 7612, and 7612a, Revised Civil Statutes of Texas

(See reverse side)

C-36 (62-2)

5. If all of the water reported was not obtained from your facilities, please state name of supplier and approximate amount of water obtained from such sour

Name_____ Amount_____ Acre-Feet

6. If you supplied water to other users, give the names of persons supplied, quantities of water supplied, and purpose for which the water was used. Was this water reported under Item Number 3?_____

Name and Address	Purpose	Acre-Feet

7. Irrigators Only:

In 1962 20 acres were irrigated under this water right.
On 20 acres only 1 crop was produced.
On_____ acres 2 crops were produced.
On_____ acres_____ crops were produced.

This property is located in the Section 12, 13, 14, of Block 16, G.H.& S.A. Survey or Surveys
No(s)._____ in Brewster County.

Water was applied as follows:

Crop	Acres	Number of Waterings	Average Depth of Water in Inches	Acre-feet Used
1. Shade trees & Lawn	20	every 2 weeks	4	49.5
2.				
3.				
4.				
5.				

PLEASE DO NOT SHOW ANY DUPLICATION OF USE

8. **Municipal Users Only:**

The amount of water returned to the stream as sewage effluent was_____ acre-feet.
The amount of sewage effluent used for irrigation, industrial, or other purposes was_____ acre-feet. Estimated population served at the end of 1962 was:_____.

9. **Industrial Users Only:**

Type of Industry:_____
Of the amount of surface water reported on this form as being used during 1962, the amount or percentage actually consumed was_____ acre-feet or_____ %.

10. **Additional Information:**

This is a recreation park area in the early stage of development

Present irrigation is of a small shade tree and lawn area that will be the nucleus of a larger picnic and campground area.

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at_____, Texas, this the_____ day of_____ 196___.

_____
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the,_____ day of

_____, 196_____.

_____
Notary Public in and for

(SEAL) _____ County, Texas

00-00-0000: report of surface water used for the year ending on 12/1961

TEXAS BOARD OF WATER ENGINEERS
P. O. BOX 2311, CAPITOL STATION
AUSTIN, TEXAS

REPORT OF SURFACE WATER USED FOR THE YEAR ENDING DECEMBER 31, 1961

~~ORIGINAL - RETURN TO BOARD~~
2027

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING, OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Board of Water Engineers showing such use. Please use additional sheets if necessary to complete answers to any questions.

Change, if any, in ownership: _____

Change, if any, in address: _____

National Park Service
Superintendent
Big Bend National Park, Texas

(Castolon)

Certified Filing No. _____ Permit No. 125 Riparian No. _____

1. Name of stream or canal from which water was diverted Rio Grande River
If you have a reservoir, please state:
(a) Name of reservoir _____
(b) Present capacity of reservoir _____
(c) Condition of dam _____

2. The amount of water used was determined by: (a) Recording meter _____, (b) Wier _____ (c) Flume _____, (d) Pump rating multiplied by hours of operation X, (e) Other method of estimating quantity used (explain) _____

3. Detail of amount of surface water used: (ALL USERS)
In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet. (325,851 gal. = 1 ac. ft.)

Mo.	Municipal & Domestic Use	Industrial Use	Irrigation Use (Recreation Park)	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
Jan			-						
Feb			-						
Mar			-						
Apr			2.577						350
May			3.222						350
Jun			3.682						350
Jul			2.485						350
Aug			1.749						350
Sep			2.301						350
Oct			-						
Nov			-						
Dec			-						
TOTAL									

**Indicate gal. per minute or cubic feet per second.

Total acre-feet surface water used: 20.582 (River Diversion)

4. WELL WATER is not to be included in the figures reported under item number 3 above. However for planning purposes only the Board is interested in obtaining figures for the total quantity of well water used in 1961: 15.3 acre feet.

*Articles 7611, 7612, and 7612a, Revised Civil Statutes of Texas

RECEIVED WITH MEMO OF 4/24/62

(See reverse side)

5. If all of the water reported was obtained from your facilities, please state name of supplier and approximate amount of water obtained from such source.
Name _____ Amount _____ Acre-Feet

6. If you supplied water to other users, give the names of persons supplied, quantities of water supplied, and purpose for which the water was used.

Name and Address	Purpose	Acre-Feet

7. **Irrigators Only:**
During the year 1961, 20 acres were irrigated to produce only one crop, and _____ acres were irrigated to produce more than one crop. This property is located in the Sec. 12,13,14 of Blk. 16, G.H. & S.A. Survey or Surveys No.(s) _____ in Brewster County. Following is a breakdown of irrigation with respect to crops.

Crop	Number of Acres Irrigated	Number of Irrigations	Average Depth in Inches Applied Per Irrigation
Grass and trees	20	Every two weeks	3

8. **Municipal Users Only:**
The amount of water returned to the stream as sewage effluent was _____ acre-feet.
The amount of sewage effluent used for irrigation, industrial, or other purposes was _____ acre-feet. Estimated population served at the end of 1961 was: _____.

9. **Industrial Users Only:**
Type of Industry: _____
Of the amount of surface water reported on this form as being used during 1961, the amount or percentage actually consumed was _____ acre-feet or _____ %.

10. **Additional Information:**
Recreation development at this location is only in early stage. Irrigation is now a holding operation, to prevent loss of a few trees, and to water a small pasturage.

ALL USERS MUST EXECUTE THE FOLLOWING AFFIDAVIT

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at _____, Texas, this the _____ day of _____ 19____.

(sgd) Coleman C. Newman
Acting Superintendent (Signature)

Subscribed and sworn to before me, the undersigned authority, on this the _____ day of _____, 19____.

_____
Notary Public in and for

(SEAL) _____ County, Texas

00-00-0000: report of water use, 1960

TEXAS BOARD OF WATER ENGINEERS
O. BOX 2311 CAPITOL STATION
AUSTIN, TEXAS

Docket # 4
Castolon

REPORT OF WATER USE - 1960

NOTE: WATER USED UNDER EACH PERMIT, CERTIFIED FILING OR OTHER WATER RIGHT MUST BE REPORTED ON A SEPARATE REPORT OF WATER USE. The Statutes of Texas* require all users of public waters to keep records of and to file annual reports with the Board of Water Engineers showing such use. Please use the reverse hereof if necessary to complete answers to any questions.

NATIONAL PARK SERVICE
SUPERINTENDENT
BIG BEND NATIONAL PARK TEXAS

125 (Permit) _____ (Certified Filing)

Riparian_____

This report shall be used only for reporting water used under the above designation. Forms for reporting uses under other than the above designation will be provided upon request.

Watershed: RIO GRANDE

Please indicate any change in ownership and address from that shown above.

Present Ownership **Same**

Present Address **Same**

1. Name of stream or canal from which water was diverted:

   If you have a reservoir please state:
   (a) Name of reservoir_____
   (b) Present capacity of reservoir_____
   (c) Condition of dam_____

2. The amount of water used was determined by: (a) Recording meter_____(b) Wier_____ (c) Flume_____(d) Pump rating multiplied by hours of operation **x** (e) Other method of estimating quantity used (explain)_____

3. Detail of Amount of Water Used: (ALL USERS)
   In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this report. If your record is by gallons, convert to acre-feet. (325,851 gal. = 1 ac. ft.)

ALL USERS ARE REQUIRED BY LAW TO EXECUTE AFFIDAVIT AT END OF THIS REPORT

Quantity Used in Acre-Feet (450 gallons per minute = 2 acre-feet per 24 hour day; 450 GPM = 1 CFS)

Mo.	Municipal & Domestic	Industrial Use	Irrigation Use	Mining Use	Hydro-electric Use	Recreation Use	Other Uses	Maximum Diversion Rate** CFS	Maximum Diversion Rate** GPM
Jan									
Feb									
Mar									
Apr									
May									
Jun									
Jul									
Aug									
Sep									
Oct									
Nov									
Dec			**6,186**						**800**
TOTAL			**6,186**						

Total Acre-Feet Surface Water Used: **6.186**

**Indicate gal. per minute or cubic feet per second.

*Articles 7611, 7612 and 7612a Revised Civil Statutes of Texas

4. If all of the water reported here was not obtained from your own facilities, please state name of supplier and approximate amount of water obtained.
Name_____ Amount_____ Acre-feet

5. If you supplied water to other users, give the names of persons supplied, quantities of water supplied, and purpose for which the water was used.

Name and Address	Purpose	No. of Ac. Ft.

6. Irrigators Only:
Please state the number of acres of land in your irrigation program: 250 acres.
Of this amount, please state the number of acres irrigated during 1960: 10 acres.
Of the acres irrigated during 1960, how many acres were irrigated to produce only one crop: 10 acres. How many acres were irrigated during 1960 to produce more than one crop:_____acres. State the name of the survey or surveys in which the lands in your irrigation program are located: Sec. 12, 13, & 14 Block 16
Survey No. G.H & S.A. Ry. Co., Abstract No._____, Brewster County, Texas.

7. Municipal Users Only: Not applicable
Indicate the amount of water returned to stream as sewage effluent:_____Ac. Ft.
Indicate the amount of sewage effluent used for irrigation, industrial, or other purposes: _____Ac. Ft. What was the estimated population connected to your system at the end of 1959_____; 1960_____?

8. Industrial Users Only: Not applicable
Type of industry:_____
Of the amount of surface water you have reported on this form as being used during 1960, estimate the quantity or percentage actually consumed:_____Ac. Ft. or_____%.

9. WELL WATER is not to be included in the figures reported under item number 3, however for planning purposes only the Board is interested in obtaining figures for the total quantity of well water used in 1960:_____acre feet.

10. Other Comments:

This property was officially taken over by us on August 8, 1960; prior to that date arrangements were made to set up temporary pumps and irrigate about ten acres of land for a tree nursery. These trees will be used in that area for future development.

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend Nat'l Park, Texas, this the 28 day of February, 19 61

Stanley C. Joseph (Signature) Superintendent

Subscribed and sworn to before me, the undersigned authority, on this the 28 day of February, 19 61.

Charley E. Shannon
Charley E. Shannon Notary Public in and for
U.S. Commissioner
Big Bend Nat'l Park, Texas County, Texas

(SEAL)

00-00-0000: report of water used for the year ending 12/1959

Docket #4

REPORT OF WATER USED FOR THE YEAR ENDING DECEMBER 31, 1959

Article 7612, Vernon's Annotated Civil Statutes, Texas, provides for the filing of an annual report to the Board of Water Engineers by all appropriators of public waters. The report is intended to show the amount of water used **and** the distribution of use. Each Permit or Certified Filing must be reported separately.

129 NATIONAL PARK SERVICE
125 U S DEPT OF INTERIOR
WASHINGTON 25 D C

Change, if any, in ownership: **None**.

Change, if any, in address: **Superintendent, Big Bend National Park, Texas** 15

Check the appropriate square or squares to indicate the use or uses for which your Permit was granted:
Municipal ☐; Industrial ☐;
Irrigation ☒; Mining ☐;
Hydroelectric ☐; Recreation ☐.

Source of Water:
(1) Reservoir ☐. Name of reservoir _____.
(2) Stream ☒. Name of stream **Rio Grande**.
(3) Well ☐. (While your Permit covers only the use of surface water, information concerning the use of ground water is of value to this Board in compiling data.)

Method of Determining Amount of Water Used:
(1) Recording meter ☐; (2) Wier ☐; (3) Flume ☐; (4) Pump rating multiplied by hours of operation ☐; (5) Other method of estimating quantity used ☐. Explain other method.
No water pumped in 1959 - we expect to use water after remodeling system.

Capacity of pump or pumps: _____ gal. per minute _____ gal. per minute _____ gal. per minute _____ gal. per minute

Miscellaneous Information:
(1) Was all of the water reported on this form obtained from your own facilities? ____. If not, state here the name of your supplier and the approximate amount of water obtained.
Name of Supplier _____; no. of ac. ft. _____.
Name of Supplier _____; no. of ac. ft. _____.
(2) Did you supply water to other users? **No**. If so, give the names of persons supplied, quantities supplied, and purpose for which use was made:

Name	Purpose	No. of Ac. Ft.

(3) Was your supply of water adequate in 1959? _____. What plans, if any, do you have for increasing your supply? **We expect to use water in future development**.

Detail of Amount of Water Used: (ALL USERS)
In the appropriate column or columns below, show by months the amounts of water used for each purpose covered by this Permit or Certified Filing. While your Permit covers only the use of surface water (from reservoir or stream), information concerning the use of well water is also of value to this Board in compiling data. Please indicate such use by drawing a circle around the number of acre feet used from wells. If both sources were used during a given month (for example, 20 acre feet from a reservoir and 10 acre feet from a well), show the amount used in this manner: 20 (10). If your record is by gallons, convert to acre feet. (325,851 gal. = 1 ac. ft.)

Mo.	Quantity Used in Acre Feet (1 Acre Foot = 325,851 Gallons)						Maximum Diversion Rate	
	Municipal & Domestic Use	Industrial Use	Irrigation Use	Mining Use	Hydro-electric Use	Recreation Use	Gal. per Minute	Cu. Ft. per Second
Jan								
Feb								
Mar								
Apr								
May								
Jun								
Jul								
Aug								
Sep								
Oct								
Nov								
Dec								
TOTAL			**None**					

Total Acre Feet Surface Water Used: **None** Total Acre Feet Ground Water Used: **None**

ALL USERS ARE REQUIRED BY LAW TO EXECUTE AFFIDAVIT AT END OF THIS REPORT

(See Other Side of This Sheet)

03-23-1960: report of water used for the year ending 12/1959, cont.

Detail of Amount of Water Used: (Irrigators Only)

In the spaces below, list by months the number of acres irrigated and the depth of irrigation in inches for each crop that received water during 1959. In case well water was used for any of these irrigations, draw a circle around the number of inches so irrigated.

CROP	JAN		FEB		MAR		APR		MAY		JUN	
	Acres	In.	Acres	In.	Acres	In.	Acres	In.	Acres	In.	Acres	In.
Cotton												
Grain Sorghum												
Field Corn												
Sweet Corn												
Wheat												
Oats or Barley												
Rice												
Forage Sorghum												
Pasture												
Alfalfa												
Peanuts												
Orchard												
Sweet Potatoes												
Irish Potatoes												
Vegetable Crop												
Other Crop or Use												

CROP	JUL		AUG		SEP		OCT		NOV		DEC	
	Acres	In.	Acres	In.	Acres	In.	Acres	In.	Acres	In.	Acres	In.
Cotton												
Grain Sorghum												
Field Corn												
Sweet Corn												
Wheat												
Oats or Barley												
Rice												
Forage Sorghum												
Pasture												
Alfalfa												
Peanuts												
Orchard												
Sweet Potatoes												
Irish Potatoes												
Vegetable Crop												
Other Crop or Use												

TOTAL ACRES None TOTAL INCHES None TOTAL ACRE FEET None *

* Multiply total acres by total inches and then divide by 12 to get total acre feet.

Irrigators Only:

Of the number of irrigated acres reported above, how many of these acres were used to produce more than one crop during 1959? _____. How many acres do you farm which are subject to irrigation but were not irrigated during 1959? _____. How many acres are contained in the property on which you irrigate? _____. Do you own this property? _____. If not, give the name of the owner: _____;
address of owner: _____.
State the name of the survey in which this property is located: _____;
survey number: _____; abstract number: _____; name of county: _____.

Municipal Users Only:

Indicate the amount of water returned to stream as sewage effluent: _____ Ac. Ft.
Indicate the amount of sewage effluent used for irrigation, industrial, or other purposes: _____ Ac. Ft.
What was your estimated population at the end of 1958? _____; 1959? _____.

Industrial Users Only:

Type of industry: _____.
Of the amount of surface water you have reported on this form as being used during 1959, estimate the quantity or percentage actually consumed: _____ Ac. Ft. or _____ %.

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

Witness my hand at Big Bend Natl. Park Texas, this the 23rd day of March, 19 60.

Stanley C. Joseph (Signature) Superintendent

Subscribed and sworn to before me, the undersigned authority, on this the 23rd day of March, 19 60.

(SEAL)

Charley E. Shannon
U. S. Commissioner
Big Bend National Park, Texas

00-00-0000: report of water used for the year ending 12/1958

Docket

REPORT OF WATER USED FOR THE YEAR ENDING DECEMBER 31, 1958

Please complete all applicable items on both sides of this form. The Affidavit on the reverse side must be executed by all users. IF YOU OWN MORE THAN ONE PERMIT OR CERTIFIED FILING, FILL OUT A SEPARATE REPORT FOR EACH. IF GROUND WATER WAS USED TO SUPPLEMENT THE SURFACE WATER SUPPLY, FILL OUT ITEM 6.

Certified Filing No. _____
Permit No. _____

129 NATIONAL PARK SERVICE
125 U S DEPT OF INTERIOR.
WASHINGTON 25 D C

See ltr 3-3-59

Do Not Write In This Space	
	A.F.
	A.F.
	A.F.
Acres Irrigated	
Remarks	

15

Change, if any, in ownership or address No Change

1. Source of Water.
   Water was taken from Rio Grande (reservoir)(stream)
   The capacity of the reservoir is -- ac. ft.

2. The amount of water used was determined by: (1) recording meter ☐ ; (2) wier ☐ ; (3) flume ☐ ; (4) pump rating multiplied by hours of operation ☒ ; (5) Explain any other method of estimating quantity used. _____

3. In the space below show the total monthly amount, preferably in acre-feet*, of surface water pumped or diverted from streams or reservoirs. Use a separate line for each purpose for which water was used, as Irrigation (Irr); Municipal (Mun); Industrial (Ind); Mining (Min); Hydroelectric (Hydro); or Recreation (Rec.)

	Purpose	Quantity	Max. Diversion Rate in Gallons Per Minute		Purpose	Quantity	Max. Diversion Rate in Gallons Per Minute
Jan		None	--	Jul	Irr.	160	2000
Feb		None		Aug	Irr.	108	2000
Mar	Irr.	25	2000	Sep	Irr.	108	2000
Apr	Irr.	27	2000	Oct		None	
May	Irr.	108	2000	Nov		None	
Jun	Irr.	160	2000	Dec		None	
Totals:	Irr.	696 acre-ft.	2000				

*Note: One acre-foot equals 325,829 gallons.

4. Was all of the water reported here obtained from your own facilities? Yes. If your answer is no, please state name of supplier and approximate amount of water obtained.
   Name _____ Amount _____ Ac. Ft.

5. Did you supply water to other water users? No . If so, give the names of persons supplied, quantities of water supplied, and purpose for which use was made.

6. Was part of water supply used obtained from wells? ~~XXXX~~ No
   Amount of water pumped from wells _____ Ac. Ft.
   This amount of water (was) (was not) included in figures above.
   This ground water was used for irrigation ☐ ; industrial ☐ ; municipal ☐ ; combined with surface supply ☐ .

See Reverse Side

7. MUNICIPALITIES ONLY:
(a) Total number of service connections **Inapplicable**
(b) Amount of water used from your system during year _____ Ac. Ft.
(c) Amount of water returned to stream as sewage effluent _____ Ac. Ft.
Amount of sewage effluent used for irrigation, industrial, or other purposes _____ Ac. Ft.

8. INDUSTRIAL USERS ONLY:
Type of industry **Inapplicable**
Of the amount of water itemized on page 1 it is estimated that _____ acre-feet were used for process water, _____ acre-feet were used for cooling water, and _____ acre-feet were used for _____.

9. IRRIGATORS ONLY:
(a) A total of 165 acres were irrigated under this report during 1958. These figures include 165 acres which were irrigated to produce one crop during the year and none acres which were irrigated to produce more than one crop during the year. Following is a breakdown of irrigation with respect to crops:

Kind of Crop	Number of Acres Irrigated	Number of Irrigations	Average Depth In Inches Applied Per Irrigation
Cotton	165	16	3.20

(b) If you do not own all of the lands irrigated, please fill in the following:
I _____ (rent, lease) _____ acres of land owned by
_____ (name and address)
located in the _____ (name of survey), Survey No. _____,
Abstract No. _____, _____ County, which were irrigated.

(c) If you own all or any part of the land that is irrigated, please fill in the following:
~~The~~ I own ~~all~~ _____ acres located in GH&SA RR Co. (name of survey), Survey No. 12, 13 & 14, Block 16
Abstract No. Cartledge to U.S. Brewster County, which were irrigated.

10. Additional Information
This space is provided for any remarks you may care to make with reference to your water use during the year 1958.
This use was by the vendor, E. H. Cartledge, who has retained land use for five years from date of sale to the United States.
5 years.

All users must execute the following affidavit.

AFFIDAVIT

I hereby certify that the above is true and correct to the best of my knowledge and belief.

CITY OF WASHINGTON, DISTRICT OF COLUMBIA
Witness my hand at _____, ~~XXXX~~s, this the ___ day of
March 3, 1959.

Arvan V. Dunn
(Signature)
A. van V. Dunn, Chief, Water Resources Sec., National Park Service

Subscribed and sworn to before me, the undersigned authority, on this the 3rd day of March, 1959.

Lorin A. Davis
Notary Public in and for
City of Washington, District of Columbia, ~~XXXXXXXXXX~~as

Notary Public, D. C.
My Commission Expires December 14, 1961

00-00-0000: report of water used for the year ending 12/1957

REPORT OF WATER USED FOR THE YEAR ENDING DECEMBER 31, 1957

In compliance with Articles 7612 and 7612a of the Revised Civil Statutes of Texas, the following information is submitted regarding the diversion and use of water for the year covered by this report by the following:

Do Not Write in This Space

129 LA HARMONIA COMPANY
GENE CARTLEDGE-MANAGER
ALPINE TEXAS

3 AF 613 15
AF 8920
AF
165 Acres Irrig.
Remarks

If changed, give new address:

1. If your diversions are being made under a Permit or Certified Filing, please give the following information:
   (a) If you are not the original permittee, give the name and address of the party from whom you acquired the water right: 1916
   (b) Give the last year permitted water was used: 19 57. State reason for non-use:

2. If your diversions are not being made under a Permit or Certified Filing, please give the following information:
   (a) The water was diverted from Rattlesnake (river, stream or lake),
   (b) Does the land you are irrigating adjoin the stream from which diversions are being made: _____ (Yes or No)
   (c) In what survey does your land lie: _____ Survey, _____ County, Texas.

3. Check (X) purposes for which water was used during period covered by this report:

(X) Irrigation	( ) Industrial	( ) Recreation
( ) Domestic	( ) Municipal	( ) Game Preserve
( ) Mining (Oil field water flooding)	( ) Steam Power (Electric)	( ) Hydro-electric Power

4. Give the quantity and the maximum rate at which water was diverted from surface water supplies. Show separately each use checked in item 3 above.

	Purpose	Diversion Acre Ft.	Diversion Max. Rate in GPM		Purpose	Diversion Acre Ft.	Diversion Max. Rate in GPM
January	None			August	Irrig	102	2000
February	Irrigation	14	2000	September	Irrig	102	2000
March	Irrig	35	2000	October	Irrig	95	2000
April	Irrig	68	2000	November	None		
May	Irrig	81	2000	December	None		
June	Irrig	102	2000	*Totals	Irrig	613	2000
July	Irrig	81	2000				

* It is essential that you complete this section.

5. How did you determine the reported amount of water used: Calculation

6. (a) Was any part of the above reported water provided by a Water Control and Improvement District, River Authority, Irrigation Company, or other water supplier? No (Yes or No).

(b) If yes, by whom: _____ What amount? _____ acre feet.

7. How are diversions being made? Gravity flow ( ). Pumping ( ).

8. If you are pumping, give the following information:

Size of Pump	Capacity in Gallons Per Minute	Horsepower of Engine or Motor	Lift in Feet
10	2000	65 HP	20
"	"	"	"

9. If you have a dam and reservoir, what was the original reservoir capacity? _____ acre feet; surface area? _____ acres; construction material? _____ (concrete, earth). Was it constructed with governmental assistance? _____; if so, which agency? Not applicable

10. What is the general condition of your dam? _____ Pumps? Fair Engines, motors? Fair Canals? _____ Other equipment? _____ (laterals, sprinkler system, etc.)

11. To be completed by municipal users only:

(a) Are you supplementing your appropriation by ground water? _____ (Yes or No)

(b) If so, what was the total amount of ground water used last year? _____. Was this figure included in the calculations on the reverse side hereof? _____.

(c) Is sewage effluent being returned to the stream? _____. If so, give the quantity returned last year. _____. If not, what disposition was made of sewage effluent? _____

12. To be completed by industrial users only:

Give the amount of water actually consumed out of amount used: _____

13. To be completed by irrigators only:

(a)

Kind of Crop	Number of Acres Irrigated	Number of Irrigations*	Average Depth in Inches Applied per Irrigation
Cotton	165	17	3in.

*Any application of water to rice lands should be considered as a separate irrigation.

(b) How many acres of your land were irrigated during 1957: 165 acres.

(c) Give the number of acres of land that you irrigated in the Permit area: 165 acres; outside of the Permit area _____ acres.

(d) Are you supplying water to others from your system which is not accounted for above? No (Yes or No). If so, list names and amount supplied in the space provided for additional information.

ADDITIONAL INFORMATION

Witness my hand at Alpine, Texas, this the 1 day of March, 1958

(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the 1 day of March, 1958.

Do Not Write in This Space

Notary Public in and for Brewster County, Texas

00-00-0000: report of water used for the year ending 12/1957

File, Castolon, Water Rights

REPORT OF WATER USED FOR THE YEAR ENDING DECEMBER 31, 1957

In compliance with Articles 7612 and 7612a of the Revised Civil Statutes of Texas, the following information is submitted regarding the diversion and use of water for the year covered by this report by the following:

129 LA HARMONIA COMPANY
123 GENE CARTLEDGE-MANAGER.
ALPINE TEXAS

Do Not Write in This Space
3 AF 613 15
AF 8920
AF
165 Acres Irrig.
Remarks

If changed, give new address:

1. If your diversions are being made under a Permit or Certified Filing, please give the following information:
   (a) If you are not the original permittee, give the name and address of the party from whom you acquired the water right: 1916
   (b) Give the last year permitted water was used: 1957. State reason for non-use:

2. If your diversions are not being made under a Permit or Certified Filing, please give the following information:
   (a) The water was diverted from Rattlesnake Lake (river, stream or lake).
   (b) Does the land you are irrigating adjoin the stream from which diversions are being made: _____(Yes or No)
   (c) In what survey does your land lie: _____ Survey, _____ County, Texas.

3. Check (X) purposes for which water was used during period covered by this report:

(X) Irrigation	( ) Industrial	( ) Recreation
( ) Domestic	( ) Municipal	( ) Game Preserve
( ) Mining (Oil field water flooding)	( ) Steam Power (Electric)	( ) Hydro-electric Power

4. Give the quantity and the maximum rate at which water was diverted from surface water supplies. Show separately each use checked in item 3 above.

	Purpose	Acre Ft.	Diversion Max. Rate in GPM
January	None		
February	Irrigation	14	2000
March	Irrig	35	2000
April	Irrig	68	2000
May	Irrig	81	2000
June	Irrig	107	2000
July	Irrig	81	2000
August	Irrig	107	2000
September	Irrig	107	2000
October	Irrig	94	2000
November	None		
December	None		
*Totals	Irrig	613	2000

* It is essential that you complete this section.

5. How did you determine the reported amount of water used? Calculation

6. (a) Was any part of the above reported water provided by a Water Control and Improvement District, River Authority, Irrigation Company, or other water supplier? No (Yes or No).

(b) If yes, by whom: _____ What amount? _____ acre feet.

How are diversions being made? Gravity flow ( ). Pumping (-).

If you are pumping, give the following information:

Size of Pump	Capacity in Gallons Per Minute	Horsepower of Engine or Motor	Lift in Feet
10	2000	65 HP	20
"	"	"	"

If you have a dam and reservoir, what was the original reservoir capacity? _____ acre feet; surface area? _____ acres; construction material? _____ (concrete, earth). Was it constructed with governmental assistance? _____ if so, which agency? Not applicable

What is the general condition of your dam? _____ Pumps? Fair Engines, motors? Fair Canals? _____ Other equipment? _____ (laterals, sprinkler system, etc.)

To be completed by municipal users only:

(a) Are you supplementing your appropriation by ground water? _____ (Yes or No)

(b) If so, what was the total amount of ground water used last year? _____. Was this figure included in the calculations on the reverse side hereof? _____.

(c) Is sewage effluent being returned to the stream? _____. If so, give the quantity returned last year. _____. If not, what disposition was made of sewage effluent? _____

To be completed by industrial users only:

Give the amount of water actually consumed out of amount used: _____

To be completed by irrigators only:

(a)

Kind of Crop	Number of Acres Irrigated	Number of Irrigations*	Average Depth in Inches Applied per Irrigation
Cotton	165	19	7in.

*Any application of water to rice lands should be considered as a separate irrigation.

(b) How many acres of your land were irrigated during 1957: 165 acres.

(c) Give the number of acres of land that you irrigated in the Permit area: 165 acres; outside of the Permit area _____ acres.

(d) Are you supplying water to others from your system which is not accounted for above? No (Yes or No). If so, list names and amount supplied in the space provided for additional information.

ADDITIONAL INFORMATION

Witness my hand at Alpine, Texas, this the 1 day of March, 1958

Steve Scribner
(Signature)

Subscribed and sworn to before me, the undersigned authority, on this the 1 day of November, 1958.

Do Not Write in This Space

Marion Hess
Notary Public in and for
Brewster County, Texas

03-01-1957: letter re: receipt of letter; march 01, 1957

BOARD OF WATER ENGINEERS

R. M. DIXON, CHAIRMAN
H. A. BECKWITH
O. F. DENT

BEN F. LOONEY, JR.
SECRETARY

1410 LAVACA STREET
AUSTIN

IN REPLY REFER TO
Legal
(DIVISION)

March 1, 1957

Mr. A. van V. Dunn
Chief, Water Resources Section
United States Department of the Interior
National Park Service
Washington 25, D. C.

Dear Mr. Dunn:

Re: L54-L

This acknowledges receipt of your letter of February 26th, together with the two Reports of Water Use by the National Park Service in the Big Bend area. In answer to your inquiries, you are advised as follows:

1. There is in existence at the present time Permit No. 125, authorizing the diversion of Rio Grande waters for use in irrigating lands in Survey No. 12, 13 and 14, Block 16, G. H. & S. A. Railway Company lands in Brewster County, Texas. A copy of this Permit is attached hereto for your information, and under separate cover is being forwarded to you an ozalid reproduction of the map filed with the application under which Permit No. 125 was granted. In your letter you state that the Park Service is in the process of acquiring property in Sections 12, 13 and 14, Block 16, GCASFRR Survey in Brewster County. You will note that although the Section and Block numbers are the same, there is a discrepancy in the name of the Railway Company to whom the land was granted. We incline to the view that the land described in Permit No. 125 is the land you intend to acquire, so please check your land description carefully. At the present time the records of this office show that Permit No. 125 is in the name of the La Harmonia Company, Alpine, Texas, and Reports of Water Use are filed by its Manager, Gene Cartledge.

2. We believe it would be premature at this time to supply you with forms on which to make next year's Report of Water Use. These forms are usually changed from year to year, and should the supply we send you next year be insufficient, you can request and receive additional forms.

3. It will not be possible for this office to furnish you any conclusions as to whether or not the land in Block 16 may possess riparian rights authorizing the use of water for irrigation purposes. This is a matter you should have the attorneys on your staff investigate.

4. Water rights under a permit may be transferred for use on other land provided approval of this Board is obtained through the granting of an amended permit. Under separate cover we are sending you a copy of Board Rules and refer you to Rule 695.2 on page 50 which sets forth the procedure to amend a water permit.

5. This office is unable to state unequivocally whether or not the spring water the Park Service is diverting and using (such water use being reported under Board File No. M825) is considered to be a claim to the waters of the Rio Grande which are subject to the regulation by the International Boundary and Water Commission. It is our understanding that the latter Commission makes no attempt to regulate the manner in which water is used in Texas. We suggest that you inquire of the American Section, International Boundary and Water Commission, El Paso, Texas, as to whether or not the Commission takes into consideration in its computations, the water that may be diverted by the Park Service in the Big Bend area.

We trust that the foregoing will be helpful to you.

Yours very truly,

Joe D. Carter, Examiner

JDC:ms
Enc.

03-06-1951: sworn statement; march 06, 1951

STATE OF TEXAS)
)
COUNTY OF TRAVIS)

I, - A. W. McDonald, Secretary of the Board of Water Engineers for the State of Texas, do hereby certify the attached to be a true and correct copy of map filed with Application No. 129, filed by Clyde Buttrill on November 17, 1915, and which map represents the area covered by Permit No. 125, now shown on our records to be owned by La Harmonia Company, Alpine, Texas, as same appears of record and on file in the office of the Board of Water Engineers.

Given under my hand and seal of the Board of Water Engineers this the 6th day of March, A. D., 1951.

A. W. McDonald

A. W. McDonald, Secretary
BOARD OF WATER ENGINEERS

PERMIT NO. 125
ISSUED TO CLYDE BUTTRILL, ALPINE, TEXAS,
RIO GRANDE RIVER, BREWSTER COUNTY, TEXAS.

WHEREAS, Clyde Buttrill, whose postoffice address is Alpine of the County of Brewster, State of Texas, did on the 17th day of November, A.D., 1915, file with BOARD OF WATER ENGINEERS, of the State of Texas, an application, numbered 129, for a permit to appropriate from the public waters of the State an amount of water equal to 5½ cubic feet per second of time, said water to be diverted from the Rio Grande River in Brewster County, Texas, by means of a pumping plant located on Survey No. 12, 13, and 14, Block 16, G. H. & S. A. Railway Company lands, all owned by the applicant and situated in Brewster County, Texas; and,

WHEREAS, the Board of Water Engineers did on the 22nd day of December, A.D. 1915, at Austin, Texas, hold a final hearing on said application, at which hearing all available evidence affecting the application was duly heard and considered.

NOW, THEREFORE, in pursuance of all the facts before it, the Board of Water Engineers does, by these presents, GRANT THIS PERMIT unto the said Clyde Buttrill to divert, appropriate and use an amount of the public waters of the State, the same to be diverted from the above named source of supply and by the means hereinbefore stated, located as described herein, not to exceed 750 acre-feet of water per annum, the rate of diversion not to exceed 5 cubic feet per second of time for 75 days of 24 hours each in each year, or its equivalent for the use and purposes stated in the application, to-wit: irrigation.

PROVIDED that this permit is conditioned on and subject to any action taken or order made by the United States Federal Government acting alone or in conjunction with any other government, relative to the disposition and use of the waters of the Rio Grande, said stream being an international boundary stream.

PROVIDED further that this permit is granted with the express proviso that the grantee or beneficiary hereunder shall comply with all the rules and regulations formulated by the Board of Water Engineers in pursuance of the authority given in the General Irrigation Act of this State by virtue of which this Board was created, in so far as the same applied to the construction and maintenance of the works herein permitted to be built and established.

Unless otherwise authorized by the Board said work of construction must begin within ninety days from the date of the issuance of this permit, and must be completed within four months from the date hereof.

The privileges granted by this permit are subsidiary to the rights of any appropriators of water from the same source who began or completed any storage or irrigation plant and diverted any water prior to July 1, 1913, for any of the purposes prescribed by law, and who filed a record of such appropriation with this Board at any time prior to July 1, 1914, or who shall hereafter file a record of such appropriation with this Board at any time between March 31, 1915 and March 31, 1916, or to the rights of any appropriator of water from the same source who has heretofore been granted a permit by this Board, to appropriate water from the said source of supply.

GIVEN UNDER the hand and seal of the Board of Water Engineers, State of Texas, this the 29th day of February, A.D., 1916.

(Seal)

J. C. Nagle,)
John Wilson,) BOARD
E. B. Gore)

Attest: W. T. Potter, Secretary.

- 0 -

03-06-1951: sworn statement; march 06, 1951

STATE OF TEXAS)
)
COUNTY OF TRAVIS)

I, - A. W. McDonald, Secretary of the Board of Water Engineers for the State of Texas, do hereby certify the attached to be a true and correct copy of Permit No. 125, issued February 29, 1916, and Application No. 129 therefor, now shown on our records to be owned by LaHarmonia Company, Alpine, Texas, as same appear of record and on file in the office of the Board of Water Engineers.

Given under my hand and the seal of the Board of Water Engineers this the 6th day of March, A. D., 1951.

A. W. McDonald

A. W. McDonald, Secretary
BOARD OF WATER ENGINEERS

11-08-1915: application for a permit to appropriate and divert certain water; november 08, 1915

2849-814 800

Form IIIa. No. 14

This application must be made in duplicate and must be acompanied by the proper fees in the form of post-office money order, or bank draft.

APPLICATION

FOR A

Permit to Appropriate and Divert Certain Waters of the Unappropriated Waters of the State of Texas, Without Impounding or Storing Same.

THE STATE OF TEXAS,
County of BREWSTER

TO THE BOARD OF WATER ENGINEERS FOR THE STATE OF TEXAS:

1. *The undersigned, whose name and address* is *as follows:*

Clyde Buttrill (Name.) — Alpine , Texas (Postoffice address.)

being first duly sworn, depose s *and say* s *that he desire* s *to appropriate and divert* 3.5 *cubic feet of water per second of time of the unappropriated water of the State of Texas from the* Rio Grande (Name of watercourse.) *for the purpose of* irrigation (Irrigation, mining, milling, manufacturing, power, waterworks, stockraising.)

2. *If a corporation, give name. Also names and post-office addresses of principal officials*

The proposed Pumping Plant is located S 76° 30'W from a well defined corner on the east boundary line of survey 12,597 varas N 40° E from the S.E.,or river corner of survey 12 ,and 1180 feet south and 1238 feet east from the S.W.,or river corner of said sur.12,which river corner is marked by a witness mound set 110 varas N 9° E from the corner.

The surveys in this block are a half mile wide on the river,and their side lines run N 40° E.

3. *The proposed* Pumping plant (Headgate, intake, pumping plant, etc.) *is located on Survey Number* 12 Block 16,G.H.& S.A.R.R.Co.

Long. 103° 31'W and Lat. 29° 08'N. (vide U.S.Topographic map,Terlingua sheet)
(or give name and sufficient description to definitely locate the survey) on the left *bank of the* Rio Grande,below Blue Creek, *bank of* (Name of watercourse.) *in* Brewster *County, Texas, and is distant in a* about 13 miles S 23° E from Terlingua P.O.and 84 miles S 6° 10'E from *miles, (direction) from* Alpine,the Countyseat. (Name of Countyseat or nearest town.)

4. *The detailed description of the works proposed to be installed in as follows:*

(a). (Give detailed description of devices and methods proposed to be used in diverting water from the source in question) a Brownell 25 H.P. engine set on the bank of the Rio Grande, attached to an eight inch Centrifugal Pump,about ten feet above the ordinary level of the river.Estimated capacity 1500 gallons per minute,or 3.5 cubic feet per second of time.Entire lift from river to ditch about 16',to lower ditch 10'.

A 12" pipe will carry the water from the pump to the high level ditch which is 863' long carried on a dump 7'high at the west end,the ditch ditch has a cross section of 5 sq.ft.bed width of 4',depth 1.'side slope 1 to 1,fall .2'to 100'.The ditch then reaches the foot of the that lies on the east side of the field and skirts the edge of the hill about S 45° E for a total distance of 5400',including dump.

The second level Ditch,6' below the high ditch,starts at the Pump and runs S 73° E 251',where it forks. Ave.cross section 5.',bed width 4', side slope 1 to 1,depth 1.',fall .1' to 100', V 1.2' per sec. Capacity 6 cu.ft.per sec.

b). *(Give, in as much detail as possible, a description of the proposed distribution system, the machinery or devices to be used in the development of power, or such other use as the water to be diverted is intended to serve)*

The Upper Cross Ditch with same section as above but with fall .2' to 100',runs for from the fork 1600 ft.and waters land south of it. The other branch at the fork is the River Ditch 4800' long,ave.cross section4 sq.ft. bed width 3',side slope 1 to 1,fall .2' to 100'.It runs on back bone and delivers water to land east.

At 1600' from the head of the River Ditch it forks and the Centre ditch runs S 65°E and swings to the south following ridge,for 3400'. Ave section 4'sq.ft. fall .1' to 100',and delivers water east.

5. *The lands to be irrigated (or the purpose to be served by the use of the appropriated water)* are (are or is) *as follows:* about 300 acres of river bottom,250 above overflow,located on sections 12,13,14,Block 16G.H.& S.A.Ry.Co.all owned by applicant. These lands are a yellowish (Del Rio ?) clay,somewhat sandy in the lower third,formerly covered with a heavy growth of mesquite timber,which has been grubbed out.The land is fairly level,sloping from the ridge on which the river ditch is run,to the east and south.The natural drainage is shown on plat. 250 acres of this land will be under the above described ditches,240 at once available with a little leveling and grading.

containing (if the purpose is irrigation) 250 *acres.*

6. *Surplus water will be returned to the* Rio Grande (Name of watercourse.) *at or about* the west part of the south ,or river line of survey 15 same Block.

point on Survey No

as indicated on accompanying map.

The foregoing detailed statements are further delineated and described on the maps, plats, profiles and other drawings herewith submitted.

7. *If a permit for the appropriation is granted, either in whole or in part, construction work will be begun within ninety (90) days after such permit is issued.*

8. *The proposed work will be prosecuted with diligence, and will be sufficiently completed so that the application of the appropriated water to the proposed use will be made within* four *months (any commensurate time) from the date of issuance of the permit.*

WITNESS my *hand at* Alpine, *Texas, this the* 8th *day of* November 19 15.

Clyde Buttrill

Subscribed and sworn to *before me, a notary public in and for* Brewster *County, Texas, by* Clyde Buttrill *this the* 8th *day of* November 19 15

W. M. Lampasas

Notary Public, Brewster *County, Texas.*

Subscribed and sworn to *before me, a notary public in and for* _____ *County, Texas, by* _____ *this the* _____ *day of* _____ 19 .

Notary Public, _____ *County, Texas.*

Subscribed and sworn to *before me, a notary public in and for* _____ *County, Texas, by* _____ *this the* _____ *day of* _____ 19 .

Notary Public, _____ *County, Texas.*

Form 11a. No. 172

APPLICATION FOR A PERMIT
TO APPROPRIATE THE WATERS OF THE
STATE OF TEXAS,
WITHOUT STORAGE.

Name of applicant Clyde Buttrill

P. O. Alpine, Texas

Fee received by the
BOARD OF WATER ENGINEERS
on Nov. 11, 1915
at 10 o'clock a M.

W. T. Potter
Secretary.

Returned to applicant for correction ....., 19....

Correction application received ....., 19....

Ordered filed for record by the Board of Water Engineers, on Nov. 17, 1915
at 9 o'clock a M.

Recorded in Book 1, page 172
of the ~~Water Appropriation~~ Application Records of the Board
on Nov. 17, 1915
at 10:30 o'clock a M.

Secretary.

Hearing held at .....,
Texas, on ....., 19....

Permit issued ....., 19....

Fees ..... $.....

11-08-1915: application for a permit to appropriate and divert certain water, cont.; november 08, 1915

---COPY--- ---COPY---

2849-814-800

Form IIIa. No. 129

This application must be made in duplicate and must be accompanied by the proper fees in the form of post-office money order, or bank draft.

APPLICATION
FOR A
Permit to Appropriate and Divert Certain Waters of the Unappropriated Waters of the State of Texas, Without Impounding or Storing Same.

THE STATE OF TEXAS,
County of BREWSTER

TO THE BOARD OF WATER ENGINEERS FOR THE STATE OF TEXAS:

1. The undersigned, whose name and address is as follows:

Clyde Buttrill (Name) — Alpine, Texas (Postoffice address)

SEAL

being first duly sworn, desposes and says that he desires to appropriate and divert 3.5 cubic feet of water per second of time of the unappropriated water of the State of Texas from the Rio Grande for the purpose of irrigation.

2. If a corporation, give name. Also names and post-office addresses of principal officials The proposed Pumping Plant is located S 76° 30' W from a well defined corner on the east boundary line of survey 12,597 varas N 40°,E from the S.E., or river corner of survey 12, and 1180 feet south and 1238 feet east from the S.W., or river corner of said sur. 12, which river corner is marked by a witness mound set 110 varas N 9° E from the corner.

The surveys in this block are a half mile wide on the river, and their side lines run N 40° E.

3. The proposed Pumping plant is located on Survey Number 12 Block 16, G.H. & S.A.R.R. Co. Long. 103°31'W and Lat. 29°08'N. (vide U.S. Topographic map, Terlingua sheet) (or give name and sufficient description to definitely locate the survey) on the left bank of the Rio Grande, below Blue Creek, in Brewster County, Texas, and is distant in a about 13 miles S 23°,E from Terlingua P.O. and 84 miles S 6°10' E from Alpine, The Countyseat.

4. The detailed description of the works proposed to be installed in as follows:
(a). (Give detailed description of devices and methods proposed to be used in diverting water from the source in question) a Brownell 25 H.P. engine set on the bank of the Rio Grande, attatched to an eight inch Centrifugal Pump, about ten feet above the ordinary level of the river. Estimated capacity 1500 gallons per minute, or 3.5 cubic feet per second of time. Entire lift from river to ditch about 16', to lower ditch 10'.

---COPY---

---COPY---

The foregoing detailed statements are further delineated and described on the maps, plates, profiles and other drawings herewith submitted.

7. If a permit for the appropriation is granted, either in whole or in part, construction work will be begun within ninety (90) days after such permit is issued.

8. The proposed work will be prosecuted with diligence, and will be sufficiently completed so that the application of the appropriated water to the proposed use will be made within four months (any commensurate time) from the date of issuance of the permit.

WITNESS my hand at Alpine, Texas, this the 8th day of November 19 15

(signed) Clyde Buttrill

Subscribed and sworn to before me, a notary public in and for Brewster county, Texas, by Clyde Buttrill this the 8th day of November 19 15

SEAL

(signed) W. M. Sanford
Notary Public, Brewster County, Texas.

Subscribed and sworn before me, a notary public in and for _____ county, Texas, by _____ this the _____ day of _____ 19___

_____
Notary Public, _____ County, Texas

Subscribed and sworn to before me, a notary public in and for _____ county, Texas, by _____ this the _____ day of _____ 19___

_____
Notary Public, _____ County, Texas

---COPY---

---COPY---

A 12" pipe will carry the water from the pump to the high level ditch which is 863' long carried on a dump 7' high at the west end, the ditch ditch has a cross section of 5 sq. ft bed width of 4', depth 1' side slope 1 to 1, fall .2' to 100'. The ditch then reaches the foot of the that lies on the east side of the field and skirts the edge of the hill about S 45° E for a total distance of 5400', including dump.

The second level Ditch, 6' below the high ditch, starts at the Pump and runs S 73° E 251', where it forks. Ave. cross section 5.', bed width 4', side slope 1 to 1, depth 1.', fall .1' to 100', V 1.2' per sec. Capacity 6 cu ft per sec.

(b) (Give, in as much detail as possible, a description of the proposed distribution system, the machinery or devices to be used in the development of power, or such other use as the water to be diverted is intended to serve.)

The Upper Cross Ditch with same section as above but with fall .2' to 100', runs from the fork 1600 ft. and waters land south of it. The other branch at the fork is the River Ditch 4800' long, ave. cross section 4 sq ft bed width 3', side slope 1 to 1, fall .2' to 100 '. It runs on back bone and delivers water to land east.

At 1600' from the head of the River Ditch it forks and the Centre ditch runs S 65° E and swings to the south following ridge, for 3400'. Ave section 4' sq ft. fall .1' to 100', and delivers water east.

SEAL

5. The lands to be irrigated (or the purpose to be served by the use of the appropriated water) are as follows: about 300 acres of river bottom, 250 above overflow, located on sections 12,13,14, Block 16 G.H. & S.A. Ry. Co. all owned by applicant.

These lands are a yellowish (Del Rio?) clay, somewhat sandy in the lower third, formerly covered with a heavy growth of mesquite timber, which has been grubbed out. The land is fairly level, sloping from the ridge on which the river ditch is run, to the east and south. The natural drainage is shown on plat. 250 acres of this land will be under the above described ditches, 240 at once available with a little leveling and grading.

containing (if the purpose is irrigation) 250 acres

6. Surplus water will be returned to the Rio Grande at or about The west part of the south, or river line of survey 15 same Block.

point _____ on Survey No _____

as indicated on accompanying map.

---COPY---

----COPY----

original

Form IIIa. No. 129

APPLICATION FOR A PERMIT
TO APPROPRIATE THE WATERS OF THE
STATE OF TEXAS
WITHOUT STORAGE.

Name of applicant
Clyde Buttrill
P.O. Alpine, Texas

First received by the
BOARD OF WATER ENGINEERS
on Nov. 11, 19 15
at 10 o'clock A M.

(signed) W.T. Potter
Secretary.

Returned to applicant for correction 19

Correction application received 19

Orderfiled for record by the
Board of Water Engineers on
Nov. 17, 19 15
at 9 o'clock A M
Recorded in Book 1, Page 172
of the Application Records of
the Board on Nov. 17, 19 15
at 10:30 o'clock A M

Secretary.

Hearing held at , Texas, on ,19

Permit issued ,19

Fees $

---COPY---

Land History

04-00-1958: land ownership record; april, 1958

Form NPS-L-1

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

LAND OWNERSHIP RECORD

State Texas

Tract No. 9, 10, 11, 12, 13, 14

County Brewster

Deed No. 8

Civil Subdivision

Area 3,756.00 acres Big Bend National Park
Name of Park or Area

Area based on survey of Texas Land Office Date Castolon - Southwestern
Section of Park or Area

Legal Description: All that certain land and real estate commonly known as the Cartledge property at Castolon in the vicinity of Santa Helena Canyon in the western part of Big Bend National Park of Texas, comprising 3,756 acres, more or less, and more particularly identified as follows:

(i) Sections 12, 13 and 14, in Block 16, G.H. & S.A.Ry.Co. Survey, Brewster County, Texas (506, 553, and 694 acres, more or less, respectively).

(ii) Sections 321, 323, and 317 in Block G-4, G.C. & S.F. Ry. Co. Survey, Brewster County, Texas (723, 640, and 640 acres, more or less, respectively).

EXCEPTING, however, such right, title or interest in all minerals, gas and oil as may be reserved to, or owned by, the State of Texas in the three sections described in (i) above

Method of Acquisition: Purchase - Contract No. 14-10-0100-696 Appropriation or Source of funds: 1957 and 1958 Interior

Cost (if purchased) ~~appraised value~~ $140,000 $65,000 from 1957 funds; $75,000 from 1958 funds plus 5 years free use and occupancy of 500 acres from 11/5/57

Acquired from: H. R. Cartledge and Eugene H. Cartledge, plus 5 years more at $2,000 per year by deed dated January 28, 1957. Recorded August 8, 1957, in Deed Book 132, page 191.

Accepted by Secretary (x) Opinion of Att'y. Gen.-title in U. S. (x) date: November 5, 1957
Assistant Director

Physical Characteristics: 175 acres of row crop farmland; 25 acres of irrigated permanent pasture; 50 acres of potentially irrigable bottom land and 3,506 acres arid, rough, rocky terrain covered by sparse vegetation.

Improvements on Land at time of Acquisition: Buildings as follows: General Store, Garage and Workshop, Laborer sleeping quarters, frame storage shed, five residences, farm equipment shelter, ~~grainery, old cotton gin, pump house, warehouse, old wax house, two small temporary~~ sleeping quarters, three adobe buildings used for transient laborer housing. There are also three windmills and an elevated water storage tank. Irrigation ditches have been constructed for irrigation of the cotton farm. Miscellaneous fences in various stages of disrepair are located on both the farmlands and range lands.

Existing or outstanding special use permits, reservations, rights, or rights of way:
(see reverse)

Report Based on: Deed and related papers

Prepared by: L. Tindal (in part) date: April 1958

Map References: Big Bend National Park Boundary Map BB-NP-5304; 500-acre Use and Occupancy plat NP:BB 12064, date 7-8-57; and abstract plats.

Remarks:

There are no easements for roads, highways and public utilities on this property; neither are there mechanic's liens or other liens or rights or claims of any persons. There is a dirt road through property, crossing Tracts Nos. 12, 13, and 14, which is considered a secondary park road. The title in all minerals, gas and oil in Sections 12, 13 and 14 is reserved by the State of Texas. As a term of the purchase agreement, the vendor retains three years free use and access to 500 acres located in parts of Sections 12, 13 and 14 upon which are located farmlands, buildings and an unimproved landing strip. Free use and access will terminate August 8, 1960, from which date vendor will have six months in which to remove personal property.

00-00-0000: tract record and valuation data of land to be acquired

Form NPS-L-3

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRACT RECORD AND VALUATION DATA OF LAND TO BE ACQUIRED

State Texas Tract No. 13

County Brewster Deed No.

Civil Subdivision None Big Bend National Park Southwestern
Name of Park of Park or Area Section of Park or Area

RECORD OF OWNERSHIP

Conveyed to: (Name and address)	Date	Acres	Deed Book	Page	Remarks
H. E. Perry & W. R. Cartledge Marfa, Texas	3-1-19	553	Vol. 38	369	
W. R. & Eugene Cartledge	1949		Vol. 109	310/312	

CLASSIFICATION AND VALUE OF LAND

Classification 6/55	Area acres	Tax Valuation Year	Tax Valuation Value	Basis % Tax Rate	Total Tax	Appraisals 1	2	3
Irrigated farm and grazing	553	1954	550	1.14	6.27	$11,060	$37,970	
Total								

KIND AND VALUE OF IMPROVEMENTS

Store							
Storage and Light Plant House							
Water Tank							
Barn							
House 25x32.6 feet							
House 23x25 feet							
House 21x29 feet							
3 Windmills							
Total							

RECORD OF APPRAISALS

Name and address of Appraiser	Title	Date
1 E. Thompson et al.	Texas State Parks Board	1942
2 Geo. W. Miller	Supt. BBNP	1955
3		

If tract is required in Project Construction Program (PCP) give reference number No

Will additional personnel, development and/or equipment be needed to administer this tract: No If so, state briefly:

00-00-0000: tract record and valuation data of land to be acquired, cont.

Form NPS-L-3
Page 2

gal Description: Section 13, Block 1c, Brewster Co., Texas

ns: None on record

scription of existing or outstanding rights, rights of way or reservations, if any: Water rights for irrigational purposes

ould they be acquired with the land (Yes) or are they administratively acceptable:

scription of Improvements: As listed on the reverse

ecial Features: Good development site for the park, excellent irrigated field.

stification for acquisition: Within the exterior boundaries of BBNP, nuisance value as a guest ranch and as a landing field.

ority in purchase program: No. 1

marks: Same as Tract No. 12.

04-23-1952: tract record and valuation data of land to be acquired; april 23, 1952

Form NPS-L-3

UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

TRACT RECORD AND VALUATION DATA OF LAND TO BE ACQUIRED

State Texas

Tract No. Allen WR-1

County Brewster

Deed No.

Civil Subdivision

Big Bend
Name of Park of Park or Area

Northern part of Rio Grande
Section of Park or Area

RECORD OF OWNERSHIP

Conveyed to: (Name and address)	Date	Acres	Deed Book	Page	Remarks
La Harmonia Co. (Mr. R. Cartledge, member of firm)					

CLASSIFICATION AND VALUE OF LAND

Classification	Tax Valuation			Basis %		Appraisals		
	Area acres	Year	Value	Tax Rate	Total Tax	1	2	3
Total								

KIND AND VALUE OF IMPROVEMENTS

Water Right Permit #125 and related pumps and ditches appurtenant to Survey Lots 12, 13, and 14, Block 16, G.H. & S.A. Railway Co. lands.

Total							

RECORD OF APPRAISALS

	Name and address of Appraiser	Title	Date
1	A. van V. Dunn	Chief, Water Division	March 17, 1947.
2			
3			

If tract is required in Project Construction Program (PCP) give reference number

Will additional personnel, development and/or equipment be needed to administer this tract: If so, state briefly:

Taken from ALL file 4/23/52

Form NPS-L-3
Page 2

Legal Description: Water Right Permit No. 125 to divert 3.6 second-feet of waters of Rio Grande.

Liens:

Description of existing or outstanding rights, rights of way or reservations, if any:
Water Right Permit 125.

Should they be acquired with the land (Yes) or are they administratively acceptable: Yes.

Description of Improvements:
Pump unit and irrigation ditches.

Special Features:

Justification for acquisition:

Priority in purchase program:

Remarks: These rights will pass with title to the land if not specifically reserved, but pump unit may be removed.
Efforts should be made to acquire pump unit and rights if the land would be developed and used after acquisition.

If space is insufficient for any particular subject attach additional sheet and mark "See attached sheet for continuation"

Supporting Hydro Data

United States Department of the Interior
NATIONAL PARK SERVICE
Big Bend National Park
Rio Grande Wild and Scenic River
Big Bend National Park, Texas 79834

IN REPLY REFER TO:

D5039

September 15, 1986

Mr. Scott Brown
National Park Service
Water Resources Division
301 South Howes Street
Federal Building, Room 335
Fort Collins, Colorado 80521

Dear Mr. Brown:

Enclosed are the pumping records for the Rio Grande Village and Castolon areas of Big Bend National Park. Except where indicated, the information covers the years 1980 through 1986. Enclosed also is a copy of the Rio Grande Watermaster Assessment for the period September 1, 1986 to August 31, 1987.

Sincerely,

Martin C. Ott

Martin C. Ott
Acting Superintendent

Enclosures

00-00-0000: water usage pumping record from the rio grande river; 1986

Water Usage at Rio Grande Village and Castolon
in Gallons Pumped from the Rio Grande River.

Gallons Pumped per Year

1980-1986

Year	Gallons	Remarks
1980	185,439,000	Records unavailable for Feb-July
1981	302,008,200	
1982	261,826,360	
1983	232,877,616	
1984	187,538,872	
1985	197,209,680	August records unavailable
1986	129,242,240	Records through August

Water Usage at Castolon in Gallons Pumped from the Rio Grande River.

Monthly Pumping Records, 1980-1986.

Month	1980	1981	1982	1983	1984	1985	1986
January	3,912,000	4,896,000	1,440,000	2,256,000	1,872,000	2,721,600	1,536,000
February		2,496,000	1,584,000	2,928,000	1,584,000	2,841,600	4,032,000
March		5,088,000	2,880,000	3,120,000	2,428,000	2,654,400	2,928,000
April		1,872,000	960,000	1,296,000	2,419,200	3,897,600	6,312,000
May		4,968,000	1,920,000	2,976,000	2,721,600	6,264,000	9,235,200
June		4,080,000	1,536,000	4,128,000	1,718,400	4,440,000	2,688,000
July		2,256,000	3,216,000	3,504,000	6,374,400	5,313,600	4,171,200
August	2,304,000	3,072,000	4,608,000	3,168,000	5,899,200		7,262,400
September	3,552,000	5,088,000	3,264,000	4,464,000	4,147,200	3,278,400	
October	3,456,000	2,688,000	2,688,000	1,344,000	2,827,200	3,081,600	
November	1,896,000	6,912,000	2,304,000	2,208,000	3,772,800	48,249,600	
December	4,800,000	2,736,000	2,784,000	2,592,000	3,774,000	2,182,800	
Totals	19,920,000	46,152,000	29,184,000	33,984,000	39,538,000	84,925,200	38,164,800
afy	61.1	141.6	89.5	104.3	121.3	260.6	117.1
Total afy	569.0	926.7	803.3	714.6	575.4	605.1	396.6
	37.2%	60.6%	52.5%	46.7%	37.6%	39.5%	25.9%

Mean 80-86 = 42.9%
High 60.6%

00-00-0000: water usage pumping record from the rio grande river, monthly; 1986

12-00-0031: survey of ground and surface water use for the year ended december, 31, 1983

TEXAS DEPARTMENT OF WATER RESOURCES
P. O. BOX 13087, CAPITOL STATION
AUSTIN, TEXAS 78711

SURVEY OF GROUND AND SURFACE WATER USE FOR THE
CALENDAR YEAR ENDING DECEMBER 31, 1983

NATIONAL PARK SERVICE
1983 JAN 13 A 11:59
BIG BEND NATIONAL PARK, TEXAS

TDWR CODE NO. 889520

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
C/O SUPT.

BIG BEND NATL PARK, TEXAS 79834

CONVERSION FACTORS
1 Acre Foot = 325,851 Gallons
1 Cubic Foot = 7.481 Gallons

Please indicate any changes in name and address or ownership

I. GROUND (WELL) WATER USE

Please answer the following questions if you used or pumped ground water for this location.

A. Number of and location [county(ies)] of water wells owned, operated or leased by you.
6 wells: 2@K-Bar; 1@Panther Junction; 3@Castolon

B. County(ies) in which water was used Brewster

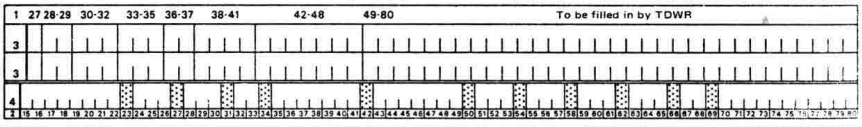
C. Please complete the following table. Indicate the total quantity (gallons) of ground water purchased from others and the amount that was self-supplied. Self-supplied water is the total quantity produced from wells owned, operated or leased including any water sold to others.

MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED
Jan.	3,426,969		May	496,040		Sep.	1,521,203	
Feb.	3,076,303		Jun.	2,987,692		Oct.	791,291	
Mar.	132,997		Jul.	734,780		Nov.	979,930	
Apr.	3,121,752		Aug.	1,112,493		Dec.	787,196	

Total ground water intake during the calendar year for: Self-Supplied 19,168,366 ; Purchased none

If purchased, from whom _____

Was purchased water raw ☐ or treated ☐? If both, % raw _____ % treated _____
How did you arrive at the ground water use figures which you provided above?
master meter ☐ customer meters ☐ estimated ☐ other XX estimate based on meter readings



II. SURFACE WATER USE n/a

Please answer the following questions if you used or diverted surface water for this location.

A. Source of diversion: County(ies) _____

Name of stream, river, lake, and/or reservoir _____

B. County(ies) in which water was used _____

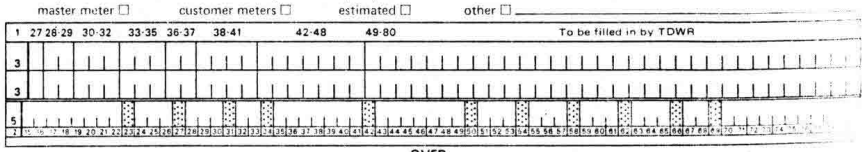
C. Please complete the following table. Indicate the total quantity (gallons) of surface water purchased from others and the amount that was self-supplied. Self-supplied water is the total quantity of raw water you diverted including any water sold to others.

MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED
Jan.			May			Sep.		
Feb.			Jun.			Oct.		
Mar.			Jul.			Nov.		
Apr.			Aug.			Dec.		

Total surface water intake during the calendar year for: Self-Supplied _____ ; Purchased _____

If Purchased, from whom _____

Was purchased water raw ☐ or treated ☐? If both, % raw _____ % treated _____
How did you arrive at the surface water use figures which you provided above?
master meter ☐ customer meters ☐ estimated ☐ other ☐ _____



"Green form"

OVER

III. WATER SALES n/a

Please list the names of water purchasers, their location [county(ies)], and the quantities of water you sold to them during the calendar year for:

1. all purchasers of 10 million gallons or more, and
2. all public water suppliers regardless of quantity purchased.

Please indicate treated or raw fresh water.

Name of Purchaser	Location (County)	Quantity Sold (Gallons)

Please use additional paper if necessary.

Did you include the above quantities in the amounts you indicated in questions I and II? Yes ☐ No ☐

IV. PUBLIC WATER SUPPLIERS n/a

A. Population served directly by you _____

B. Number of service connections served directly by you _____

C. (If applicable) number of service connections served directly by you outside city limits _____
Are these included in III above? Yes ☐ No ☐

D. Percentage of total service connections that are metered _____%,

E. Percentage of the total service connections that are residential _____%; commercial _____%;
Industrial _____%.

F. If treated effluent is used directly, please indicate the amount in gallons for:
(1) Industrial _____; (2) Irrigation _____; (3) Other (specify) _____
By whom are these amounts used? _____

G. Please provide your water rate schedule in the space below, or attach a preprinted rate schedule if available.

WATER RATE SCHEDULE

Please make any additional comments you may feel will be of assistance to us in understanding your present and future water needs and water problems. _____

To assure our addressing future correspondance to the proper person, please complete the following:

By H. Gilbertlusk	H.Gilbert Lusk, Superintendent	915 477 2251	2/17/83
Name	Title	Phone	Date

12-31-1981: survey of ground and surface water use for the year ended december 31, 1981

TEXAS DEPARTMENT OF WATER RESOURCES
P. O. BOX 13087, CAPITOL STATION
AUSTIN, TEXAS 78711

L2621

SURVEY OF GROUND AND SURFACE WATER USE FOR THE
CALENDAR YEAR ENDING DECEMBER 31, 1981

TDWR CODE NO. 889520

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
C/O SUPT.

BIG BEND NATL PARK, TEXAS 79834

DUPLICATE
RETAIN FOR
YOUR FILES

CONVERSION FACTORS

1 Acre Foot = 325,851 Gallons
1 Cubic Foot = 7.481 Gallons

Please indicate any changes in name and address or ownership

I. GROUND (WELL) WATER USE

Please answer the following questions if you used or pumped ground water for this location.

A. Number of and location [county(ies)] of water wells owned, operated or leased by you.
5 wells: 2 @ K-Bar; 1@ Panther Junction; 2 @ Castolon

B. County(ies) in which water was used Brewster

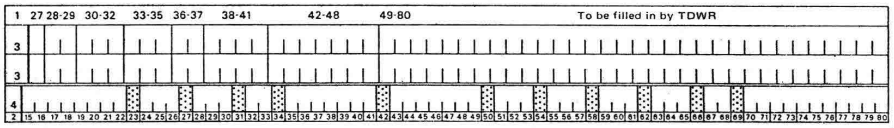
C. Please complete the following table. Indicate the total quantity (gallons) of ground water purchased from others and the amount that was self-supplied. Self-supplied water is the total quantity produced from wells owned, operated or leased including any water sold to others.

MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED
Jan.	1,242,500		May	1,114,000		Sep.	890,000	
Feb.	1,010,000		Jun.	1,409,000		Oct.	1,258,500	
Mar.	1,172,500		Jul.	1,139,500		Nov.	1,017,500	
Apr.	946,000		Aug.	950,500		Dec.	627,000	

Total ground water intake during the calendar year for: Self-Supplied 12,770,000 ; Purchased none

If purchased, from whom _____

Was purchased water raw ☐ or treated ☐? If both, % raw _____ % treated _____
How did you arrive at the ground water use figures which you provided above?
master meter ☐ customer meters ☐ estimated ☐ other ☒ estimate based on meter readings



II. SURFACE WATER USE

Please answer the following questions if you used or diverted surface water for this location.

A. Source of diversion: County(ies) _____

Name of stream, river, lake, and/or reservoir _____

B. County(ies) in which water was used _____

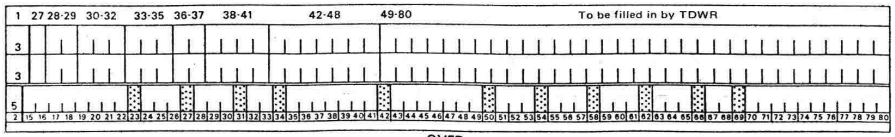
C. Please complete the following table. Indicate the total quantity (gallons) of surface water purchased from others and the amount that was self-supplied. Self-supplied water is the total quantity of raw water you diverted including any water sold to others.

MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED
Jan.			May			Sep.		
Feb.			Jun.			Oct.		
Mar.			Jul.			Nov.		
Apr.			Aug.			Dec.		

Total surface water intake during the calendar year for: Self-Supplied _____ ; Purchased _____

If Purchased, from whom _____

Was purchased water raw ☐ or treated ☐? If both, % raw _____ % treated _____
How did you arrive at the surface water use figures which you provided above?
master meter ☐ customer meters ☐ estimated ☐ other ☐ _____



OVER

III. WATER SALES N/A

Please list the names of water purchasers, their location [county(ies)], and the quantities of water you sold to them during the calendar year for
1. all purchasers of 10 million gallons or more, and
2. all public water suppliers regardless of quantity purchased.

Please indicate treated or raw fresh water.

Name of Purchaser	Location (County)	Quantity Sold (Gallons)

Please use additional paper if necessary.

Did you include the above quantities in the amounts you indicated in questions I and II? Yes ☐ No ☐

IV. PUBLIC WATER SUPPLIERS N/A

A. Population served directly by you _____

B. Number of service connections served directly by you _____

C. (If applicable) number of service connections served directly by you outside city limits _____
Are these included in III above? Yes ☐ No ☐

D. Percentage of total service connections that are metered _____%,

E. Percentage of the total service connections that are residential _____%; commercial _____%;
Industrial _____%.

F. If treated effluent is used directly, please indicate the amount in gallons for:
(1) Industrial _____; (2) Irrigation _____; (3) Other (specify) _____
By whom are these amounts used? _____

G. Please provide your water rate schedule in the space below, or attach a preprinted rate schedule if available.

WATER RATE SCHEDULE

Please make any additional comments you may feel will be of assistance to us in understanding your present and future water needs and water problems. _____

To assure our addressing future correspondance to the proper person, please complete the following:

By:	Superintendent, Big Bend National Park	915-477-2251	1/13/82
Name	Title	Phone	Date

00-00-0000: texas water development board: survey of ground and surface water use 1976

TEXAS WATER DEVELOPMENT BOARD

P. O. Box 13087, Capitol Station
AUSTIN, TEXAS 78711

PLEASE TYPE OR PRINT ALL ANSWERS

SURVEY OF GROUND AND SURFACE WATER USE 1976

Please indicate any changes in name and address or ownership
TWDB CODE NO. 889520

PLEASE NOTE: ALL OF THE FOLLOWING QUESTIONS ARE FOR THE CALENDAR YEAR 1976

I. GROUND (WELL) WATER USE

Please answer the following questions if you used or pumped ground water.

A. Number of and location [county(ies)] of water wells owned, operated or leased by you.
6 wells- 2 K Bar, 1 Panther Jct, 2 Castolon, 1 Santa Elena

B. County(ies) in which water was used Brewster

C. Please complete the following table. Indicate the total quantity (gallons) of ground water purchased from others and the amount that was self-supplied. Self-supplied water is the total quantity produced from wells owned, operated or leased including any water sold to others.

MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED
Jan.	783,290		May	1,336,810		Sep.	1,029,600	
Feb.	526,120		Jun.	1,251,430		Oct.	984,760	
Mar.	1,195,320		Jul.	1,272,670		Nov.	1,289,530	
Apr.	1,215,250		Aug.	1,761,570		Dec.	1,505,510	

Yearly Totals: Self-Supplied 14,151,860 Purchased

If purchased, from whom

Was purchased water raw ☐ or treated ☐ If both, % raw % treated

How did you arrive at the ground water use figures which you provided above?
master meter ☐ customer meters ☐ estimated ☐ other ☐

1 27 28-29 30-32 33-35 36-37 38-41 42-48 49-80 To be filled in by TWDB
3
3
4

II. SURFACE WATER USE

Please answer the following questions if you used or diverted surface water.

A. Source of diversion: County(ies)
Name of stream, river, lake, and/or reservoir

B. County(ies) in which water was used

C. Please complete the following table. Indicate the total quantity (gallons) of surface water purchased from others and the amount that was self-supplied. Self-supplied water is the total quantity of raw water you diverted including any water sold to others.

MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED
Jan.			May			Sep.		
Feb.			Jun.			Oct.		
Mar.			Jul.			Nov.		
Apr.			Aug.			Dec.		

Yearly Totals: Self-Supplied Purchased

If purchased, from whom

Was purchased water raw ☐ or treated ☐ If both, % raw % treated

How did you arrive at the surface water use figures which you provided above?
master meter ☐ customer meters ☐ estimated ☐ other ☐

1 27 28-29 30-32 33-35 36-37 38-41 42-48 49-80 To be filled in by TWDB
3
3
5

III. WATER SALES

Please list the names of water purchasers, their location (county(ies)), and the quantities of water you sold to them during the calendar year for:

1. all purchasers of 10 million gallons or more, and
2. all public water suppliers regardless of quantity purchased.

Please indicate treated or raw fresh water.

Name and location of Purchaser	Quantity sold (Gallons)

Please use additional paper if necessary.

Did you include the above quantities in the amounts you indicated in questions I and II? Yes ☐ No ☐

IV. PUBLIC WATER SUPPLIERS N/A

A. Population served directly by you_____

B. Number of service connections served directly by you_____

C. Percentage of total service connections that are metered_____ %,

D. Percentage of the total service connections that are residential_____ %; commercial_____ %; industrial_____ %.

E. Please provide your water rate schedule in the space below, or attach a preprinted rate schedule if available.

WATER RATE SCHEDULE

V. SALINE WATER USE N/A

Total saline water intake during the calendar year_____ (gallons).

Source of saline water_____ County(ies) in which water was used_____

How did you arrive at the saline water figures which you provided above? meter ☐ estimated ☐

1	27 28 29	30-32	33-35	36-37	38-41	42-48	49-80	To be filled in by TWDB
3								
7								

1 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

VI. INDUSTRIAL AND COMMERCIAL ESTABLISHMENTS N/A

A. Type of business (Standard Industrial Classification) or major products manufactured or type of commercial activity_____

B. Total number of employees at this installation_____

C. Was fresh water intake recirculated? Yes ☐ No ☐

If Yes, how much_____ (gallons).

D. What quantity of fresh water intake was consumed and therefore not returned to a sewage system or water course_____ (gallons).

By: Name Cone I. Bala Acting Superintendent, Big Bend Nat'l Park, TX 79834 2/18/77

Title Date

GM

TEXAS WATER DEVELOPMENT BOARD

P. O. Box 13087, Capitol Station
AUSTIN, TEXAS 78711

PLEASE TYPE OR PRINT ALL ANSWERS

SURVEY OF GROUND AND SURFACE WATER USE

Please indicate any changes in name and address or ownership
TWDB CODE NO. [illegible]

PLEASE NOTE: ALL OF THE FOLLOWING QUESTIONS ARE FOR THE CALENDAR YEAR 74

I. Water Sales

Please list the names of water purchasers, their locations, and the quantities of water sold to them by you during the calendar year for:

1. all purchasers of 10 million gallons or more, and
2. all public water suppliers regardless of quantity purchased.

Please indicate treated or raw water.

WATER SALES

Name and Location	Gallons
None	

Please use additional paper if necessary.

II. Ground Water Use

Please answer the following questions if you used or pumped ground water.

A. Number and Location (county) of water wells owned or operated by you.
6 wells: 2 - K-Bar, 1 - Panther Junction, 2 - Castolon, 1 - Santa Elena.

B. County(ies) in which water was used Brewster

C. Please complete the following table to show the total quantity, in gallons, of self-supplied and purchased ground water. Include any water sold to others.

GROUND WATER USE

MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED	MONTH	SELF-SUP.	PURCHASED
Jan.	496,470		May	1,158,840		Sep.	438,690	
Feb.	643,670		Jun.	603,740		Oct.	401,360	
Mar.	925,870		Jul.	1,287,600		Nov.	792,080	
Apr.	1,160,830		Aug.	1,236,520		Dec.	1,116,440	

Yearly Totals: Self-Supplied 10,262,110 Purchased None

Purchased from:

Was purchased water raw or treated?

How did you arrive at the ground water use figures which you provided above?

III. Surface Water Use

None

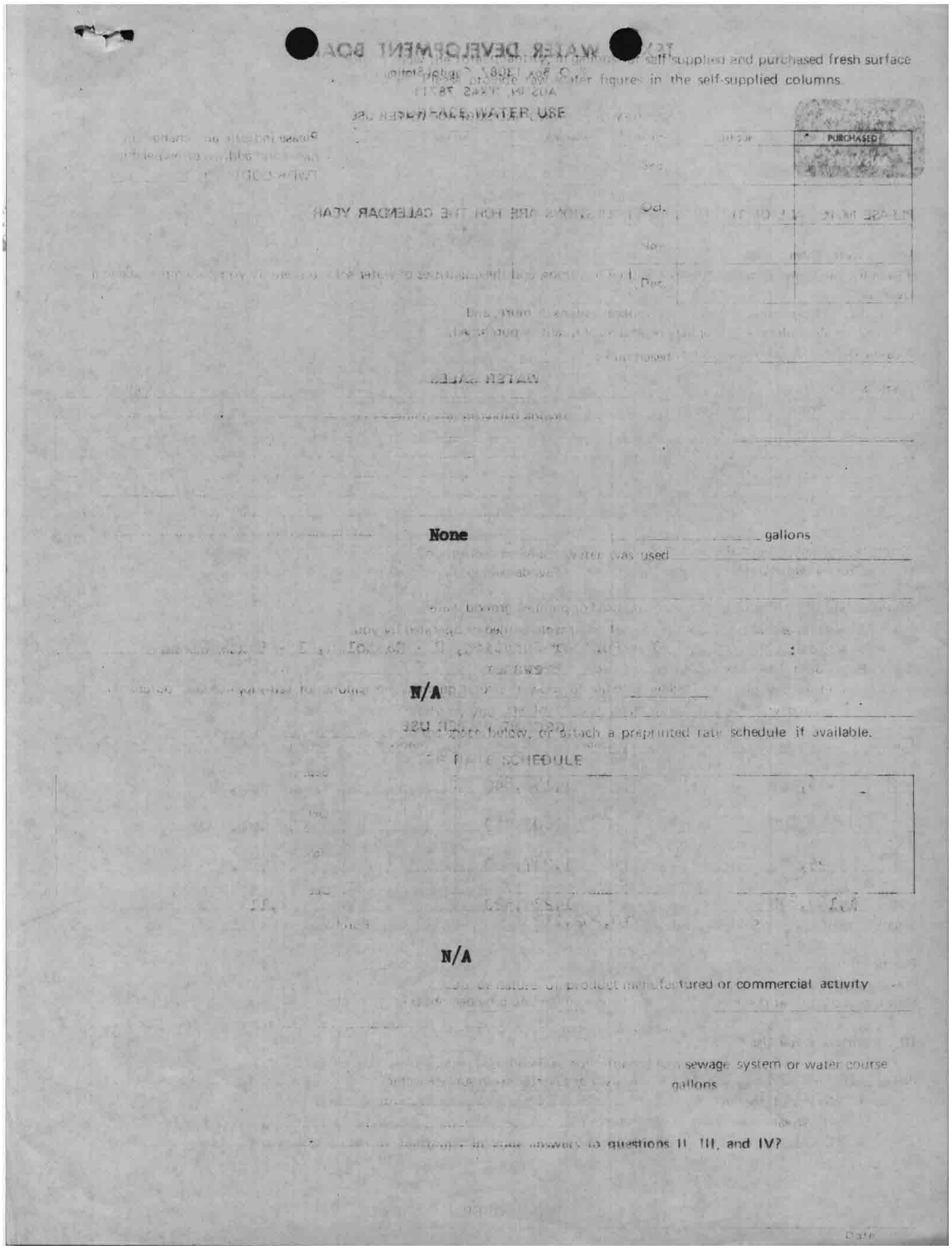
Please answer the following questions if you used or diverted fresh surface water.

A. Source of diversion: County

Name of stream, river, lake, and/or reservoir

B. County(ies) in which water was used

OVER



self-supplied and purchased fresh surface
water figures in the self-supplied columns.

WATER USE

	PURCHASED

None gallons

water was used

N/A

below, or attach a prepriinted rate schedule if available.

RATE SCHEDULE

N/A

or product manufactured or commercial activity

sewage system or water course
gallons

answers to questions II, III, and IV?

Date

00-00-0000: survey of ground water pumpage in texas during calendar year 1970

...S WATER DEVELOPMENT BO...
P. O. BOX 13087, CAPITOL STATION
AUSTIN, TEXAS 78711

file copies

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1970

DUPLICATE – RETAIN FOR YOUR FILES

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
BIG BEND NATL PARK, TEX 79834

TWDB Code No. 88952

1. Counties in which wells are located: Brewster

2 Source of water:
Water Wells X
Surface Water
Other

3. Number of water wells in each county owned and operated by you: 6 wells - Panther Junction - 3, Castolon Compound - 1, Castolon Maintenance Area - 1, Santa Elena - 1.

4. Number of water wells owned by others but supplying water to you: None

Names of well owners

5. If your records show the amount of ground water pumped by months in 1970 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	500,160	45,000	July	845,560	45,000
Feb	242,210	"	Aug	910,080	"
Mar	415,240	"	Sept	477,700	"
Apr	593,430	"	Oct	669,140	"
May	784,560	"	Nov	438,310	"
June	563,220	"	Dec	363,480	"

Total pumpage for year 1970 6,803,690 Gallons

Note If you have not been able to give the pumpage by months, please show the yearly pumpage for 1970 in the above space

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained:

___ A Master Meter X B Well Meters ___ C Average Pumping Rates

___ D Power consumption ___ E. Storage Facilities ___ F Other

(See reverse side)

00-00-0000: survey of ground water pumpage in texas during calendar year 1969

X WATER DEVELOPMENT BOA
P. O. BOX 12386, CAPITOL STATION
AUSTIN, TEXAS 78711

Lee

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1969

DUPLICATE – RETAIN FOR YOUR FILES

1. Counties in which wells are located: Brewster

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
BIG BEND NATL PARK, TEX 79834

2 Source of water:
Water Wells X
Surface Water
Other

TWDB Code No. 88952

3. Number of water wells in each county owned and operated by you 6 wells - Panther Junction - 3, Castolon Compound - 1, Castolon Maintenance Area - 1, Santa Elena - 1.

4. Number of water wells owned by others but supplying water to you None

Names of well owners

5. If your records show the amount of ground water pumped by months in 1969 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	283,200	45,000 ✓	July	579,800	45,000
Feb	389,700	"	Aug	809,200	"
Mar	373,600	"	Sept	804,900	"
Apr	635,800	"	Oct	344,900	"
May	519,500	"	Nov	339,400	"
June	662,200	"	Dec	329,000	"

Total pumpage for year 1969 6,040,600 Gallons

Note: If you have not been able to give the pumpage by months, please show the yearly pumpage for 1969 in the above space.

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained

____A. Master Meter X B. Well Meters ____C. Average Pumping Rates

____D. Power consumption ____E. Storage Facilities ____F Other

(See reverse side)

XAS WATER DEVELOPMENT BOA
O. BOX 12386, CAPITOL STATION
AUSTIN, TEXAS 78711

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1968

DUPLICATE – RETAIN FOR YOUR FILES

1. Counties in which wells are located: Brewster

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
BIG BEND NATL PARK, TEX 79834

2. Source of water:
Water Wells X
Surface Water
Other

TWDB Code No. 88952

3. Number of water wells in each county owned and operated by you 11 total --- Panther Junction - 3; Castolon - 2; Rio Grande Village - 2; Santa Elena - 1; Boquillas - 1; Dug Out - 1; Pine Canyon - 1.

4. Number of water wells owned by others but supplying water to you None

Names of well owners

5. If your records show the amount of ground water pumped by months in 1968 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	283,310	25,000	July	914,590	25,000
Feb	555,440	"	Aug	815,310	"
Mar	577,220	"	Sept	586,360	"
Apr	519,.00	"	Oct	677,350	"
May	505,450	"	Nov	825,480	"
June	1,172,730	"	Dec	397,670	"

Total pumpage for year 1968 8,430,810 Gallons

Note: If you have not been able to give the pumpage by months, please show the yearly pumpage for 1968 in the above space.

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained.

_____A. Master Meter X B. Well Meters X C. Average Pumping Rates

_____D. Power consumption _____E. Storage Facilities _____F. Other

(See reverse side)

00-00-0000: survey of ground water pumpage in texas during calendar year 1967

...AS WATER DEVELOPMENT BOARD
...O. BOX 12386, CAPITOL STATION
AUSTIN, TEXAS 78711

Stanley RTP file

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1967

DUPLICATE — RETAIN FOR YOUR FILES

1. Counties in which wells are located

~~Brewster~~

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
BIG BEND NATL PARK, TEX 79834

2. Source of water:

Water Wells X

Surface Water X

Other

TWDB Code No. 88952

3. Number of water wells in each county owned and operated by you ~~15~~ 11

3 K-Bar Wells, No 4 Well, 2 Upper Chisos Basin, 2 Castalon Wells, Santa Elena Well Dog Out Well, Sam Nail Well & Pine Canyon Well

4. Number of water wells owned by others but supplying water to you None

Names of well owners

5. If your records show the amount of ground water pumped by months in 1967 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	~~1,421,572~~	~~240,000~~	July	~~2,129,540~~	~~240,000~~
Feb	~~1,228,360~~	~~240,000~~	Aug	~~2,624,340~~	~~240,000~~
Mar	~~1,156,778~~	~~240,000~~	Sept	~~1,149,879~~	~~240,000~~
Apr	~~1,147,460~~	~~240,000~~	Oct	~~1,316,120~~	~~240,000~~
May	~~1,327,460~~	~~240,000~~	Nov	~~1,408,519~~	~~240,000~~
June	~~1,231,130~~	~~240,000~~	Dec	~~1,257,260~~	~~240,000~~

Total pumpage for year 1967 ~~17,398,870~~ Gallons

Note: If you have not been able to give the pumpage by months, please show the yearly pumpage for 1967 in the above space.

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained.

____A. Master Meter X B. Well Meters X C. Average Pumping Rates

____D. Power consumption ____E. Storage Facilities ____F. Other

(See reverse side)

00-00-0000: survey of ground water pumpage in texas during calendar year 1966

TEXAS WATER DEVELOPMENT BOARD
P. O. BOX 12386, CAPITOL STATION
AUSTIN, TEXAS 78711

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1966

DUPLICATE — RETAIN FOR YOUR FILES

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
BIG BEND NATIONAL PARK, TEXAS

1. County Brewster

2. Source of Water:

Water Wells 11

Surface Water

Other

TWDB Code No. 88952

3. Number of water wells owned and operated by you 11 (K-Bar Wells, No. 4 Well, CCC Wells, Castolon Wells Santa Elena Well, Dug Out, Sam Nail) & Pine Canyon Well

4. Number of water wells owned by others but supplying water to you None

Names of well owners

5. If your records show the amount of ground water pumped by months in 1966 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	360,000	161,280	July	751,610	161,280
Feb	580,790	"	Aug	497,880	"
Mar	746,310	"	Sept	455,970	"
Apr	399,080	" "	Oct	561,330	"
May	367,393	"	Nov	398,810	"
June	427,460	"	Dec	216,050	"

Total pumpage for year 1966 5,762,683 Gallons

Note: If you have not been able to give the pumpage by months, please show the yearly pumpage for 1966 in the above space.

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained.

____A. Master Meter X B. Well Meters ____C. Average Pumping Rates

____D. Power consumption ____E. Storage Facilities ____F. Other

TEXAS WATER DEVELOPMENT BOARD
P. O. BOX 12386, CAPITOL STATION
AUSTIN, TEXAS 78711

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1965

DUPLICATE — RETAIN FOR YOUR FILES

1. County Brewster

2. Source of Water:
   Water Wells 11
   Surface Water
   Other

UNITED STATES DEPT OF INTERIOR
NATIONAL PARK SERVICE
BIG BEND NATIONAL PARK, TEXAS

TWDB Code No. 88952

3. Number of water wells owned and operated by you 11 (K-Bar Wells, No. 4 Well, CCC Wells, Castolon Wells, Santa Elena Well, Dog Out, Sam Nail)

4. Number of water wells owned by others but supplying water to you None

Names of well owners

5. If your records show the amount of ground water pumped by months in 1965 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	483,308	161,280	July	1,068,453	161,280
Feb	410,762	"	Aug	937,467	"
Mar	734,370	"	Sept	986,250	"
Apr	1,500,890	"	Oct	698,851	"
May	873,822	"	Nov	327,384	"
June	857,418	"	Dec	332,285	"

Total pumpage for year 1965 8,770,660 Gallons

Note: If you have not been able to give the pumpage by months, please show the yearly pumpage for 1965 in the above space.

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained.

___A. Master Meter X B. Well Meters ___C. Average Pumping Rates

___D. Power consumption ___E. Storage Facilities ___F. Other

00-00-0000: survey of ground water pumpage in texas during calendar year 1964

TEXAS WATER COMMISSION
P. O. BOX 12311, CAPITOL STATION
AUSTIN, TEXAS 78711

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1964

COMMISSION

1. County _____

2. Source of Water:
   Water Wells _____
   Surface Water _____
   Other _____

United States Department of the Interior
National Park Service
Big Bend National Park, Texas 79834

IWC Code No. 7265

3. Number of water wells owned and operated by you 8 (K-Bar 3, Panther Junction 1, Lower Basin CCC Wells 2, Castolon 2)

4. Number of water wells owned by others but supplying water to you _____

   Names of well owners _____

5. If your records show the amount of ground water pumped by months in 1964 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	499,275	16,643	July	1,088,777	36,293
Feb	331,664	11,055	Aug	1,033,705	34,457
Mar	596,057	19,869	Sept	1,029,412	34,314
Apr	638,088	21,270	Oct	429,102	14,304
May	770,332	24,544	Nov	416,983	13,900
June	[illegible]	35,300	Dec	767,508	25,583

Total pumpage for year 1964 8,925,922 Gallons

Note. If you have not been able to give the pumpage by months, please show the yearly pumpage for 1964 in the above space.

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained.

___	A. Master Meter	X	B. Well Meters	X	C. Average Pumping Rates
___	D. Power consumption	___	E. Storage Facilities	___	F. Other

00-00-0000: survey of ground water pumpage in texas during calendar year 1963

TEXAS WATER COMMISSION
P. O. BOX 2311, CAPITOL STATION
AUSTIN 11, TEXAS

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1963

DUPLICATE - RETAIN FOR YOUR FILES

1. County Brewster

2. Source of Water:

Water Wells X

Surface Water

Other

BIG BEND NATIONAL PARK
PARK ENGINEER
BIG BEND NATIONAL PARK, TEXAS

WC Code No. 7265

Number of water wells owned and operated by you 9, (K-Bar 3, Panther Jct 1, CCC 2, Castolon 1 Dugout 1, Sam Nail 1)

Number of water wells owned by others but supplying water to you NONE

Names of well owners

If your records show the amount of ground water pumped by months in 1963 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
an	484,733	16,158	July	1,057,065	35,236
eb	322,004	10,733	Aug	1,003,597	33,453
ar	578,696	19,290	Sept	999,429	33,314
pr	619,501	20,650	Oct	416,604	13,887
ay	714,885	23,829	Nov	404,838	13,495
ne	1,028,178	34,272	Dec	745,151	24,838

tal pumpage for year 1963 8,374,681 Gallons

ote: If you have not been able to give the pumpage by months, please show the yearly pumpage for 1963 in the above space.

Please check one of the following to indicate how the figures you have provided in item 5 were obtained.

____ A. Master Meter X B. Well Meters X C. Average Pumping Rates

____ D. Power consumption ____ E. Storage Facilities X F. Other Estimates on windmills

00-00-0000: survey of ground water pumpage in texas during calendar year 1962

TEXAS WATER COMMISSION
P. O. BOX 2311, CAPITOL STATION
AUSTIN 11, TEXAS

SURVEY OF GROUND WATER PUMPAGE IN TEXAS DURING CALENDAR YEAR 1962

ORIGINAL - RETURN TO COMMISSION

1. County Brewster
2. Source of Water: (This Report)
   Water Wells X
   Surface Water
   Other

WC Code No.

3. Number of water wells owned and operated by you 9
   (K-Bar 3, Panther Jct. 1; Barin 2; Castolon 1; Durout 1; Sam Nail 1)
4. Number of water wells owned by others but supplying water to you
   Names of well owners

5. If your records show the amount of ground water pumped by months in 1962 or if you can reasonably estimate the monthly pumpage, please fill in the following table by reporting pumpage in gallons.

Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons	Mo.	Total Pumpage for Month in Gallons	Maximum Daily Pumpage for Month in Gallons
Jan	585,257	13,000	July	884,036	18,000
Feb	415,532	11,000	Aug	1,225,569	21,000
Mar	446,307	12,000	Sept	952,340	13,000
Apr	648,162	14,000	Oct	293,120	9,000
May	1054,688	20,000	Nov	480,333	11,000
June	739,232	16,000	Dec	262,725	9,000

Total pumpage for year 1962 7,993,393 Gallons

Note: If you have not been able to give the pumpage by months, please show the yearly pumpage for 1962 in the above space.

6. Please check one of the following to indicate how the figures you have provided in item 5 were obtained.

	A. Master Meter	Majority X	B. Well Meters	X	C. Average Pumping Rates
	D. Power consumption		E. Storage Facilities	X	F. Other (Estimates on small wells)

(See reverse side)

Other Supporting Information

December 23, 1986

L54 (479)
SWR/BIBE Water Rights

Memorandum

To: Chief
Water Resources Division

Through: Chief, Water Rights Branch
Water Resources Division

From: Hydrologist, Water Rights Branch
Water Resources Division

Subject: Trip Report (Big Bend National Park, December 7-11)

Purposes: Two purposes were served by this trip. First, a Water Rights Branch representative's presence was requested at a meeting of BIBE officials and the Rio Grande Water Master concerning fees and metering requirements. Second, advice was sought by the Superintendent and the Southwest Regional Office concerning the advisability of acquiring additional water rights on the Rio Grande.

Itinerary

Sunday, Dec. 7	Denver to El Paso Drove to Alpine, Texas
Monday, Dec. 8	Traveled to BIBE Inspected irrigation works at Castolon Chisos Basin
Tuesday, Dec. 9	Met with Superintendent and his staff Inspected springs, Gambusia ponds and irrigation works at Rio Grande Village
Wednesday, Dec. 10	Met with Superintendent, his staff and Water Master Inspected irrigation works at Rio Grande Village with Water Master Traveled to El Paso
Thursday, Dec. 11	Returned via Phoenix

People Contacted

Jim Carrico, Superintendent
Robert LaFrance, Chief of Maintenance
Mike Fleming, Resource Management Specialist
John Hinojosa, Rio Grande Water Master
Jose Luna, Assistant Water Master (Eagle Pass District)

Discussion

Upon arriving at BIBE, I inspected the diversion and irrigation works at Castolon. One pump with a capacity of 1000 gpm withdraws water from a concrete covered cistern located approximately 50 feet from the active channel of the Rio Grande. An 8-inch pipe conveys the water to an open ditch, which distributes water to Cottonwood Campground. The pump is equipped with an electric meter that monitors only that pump. Referring to pumping records that were provided earlier by the Superintendent, I calculated the total yearly volume of water diverted for irrigation at Castolon during the period 1980-1986. Those figures are:

1980	1981	1982	1983	1984	1985	1986
61af	142af	89af	104af	121af	261af	117af

While at Castolon, I also walked to the end of the Santa Elena Canyon Trail, which is noteworthy simply because the hike is such an exhilarating experience.

On Tuesday, I met with Superintendent Jim Carrico, Bob LaFrance, and Mike Fleming. We reviewed the Texas Water Commission's assessment of fees for water master operations on the Rio Grande, the issue concerning flow meters at diversion points, and the availability and desirability of acquiring additional water rights on the Rio Grande.

Following the meeting with the Superintendent, Bob LaFrance, Mike Fleming and I traveled to Rio Grande Village to inspect the park's second irrigation diversion site. It consists of two 1000 gpm pumps; however, the two pumps are seldom, if ever, operated simultaneously. They withdraw water directly from the river and convey it through two 10-inch discharge pipes for a distance of approximately 200 feet. The water empties into a concrete bin and flows to a settling pond. The water is distributed by gravity flow to the campground. As at Castolon, a separate electric meter serves the pumps at Rio Grande Village.

Referring again to pumping records provided earlier, I calculated the total yearly volume of water diverted for irrigation at Rio Grande Village for the period 1980-1986. Those figures are:

1980	1981	1982	1983	1984	1985	1986
508af	785af	714af	610af	454af	344af	279af

We also inspected two warm water springs at Rio Grande Village. Spring No. 1 supplies water to a display pond inhabited by an endangered mosquitofish (Gambusia gaigei). Spring No. 4 supplies water to another Gambusia pond; however, it serves also as the supply of potable water for Rio Grande Village. Mike Fleming emphasized the need for a continuous flow monitoring device at the outflow of Spring No. 4. Should Rio Grande Village's need for potable

water increase in the near future, which is likely to be the case, an accurate measure of the spring's ability to supply that need, as well as the more critical need associated with the Gambusia pond, will be required.

On Wednesday, we met with John Hinojosa and Jose Luna. The Superintendent opened discussions with them concerning the requirement of flow meters and the availability of additional water rights on the upper Rio Grande.

Mr. Hinojosa indicated that the state wants to be flexible whenever possible. But, he suggested there are other factors for the Superintendent to consider in his decision concerning the placement of flow meters: The United States may wish to reconsider its request to be excused from the Commission's requirement in light of the fact that all other water users are being required to purchase and install meters. Those people may resent the fact that the United States has been given special concessions. He added that the devices are not nearly as expensive as some people have thought. He estimated that it would cost the United States about $1200-$1600 to install meters at the two sites.

With respect to the availability of water rights on the upper Rio Grande, the Superintendent indicated that he had been contacted by Mr. Terry Bishop of Presidio, who is seeking to sell 42 acre feet of water. Mr. Hinojosa was aware of the fact that Mr. Bishop has been interested in selling some of his rights, but such a sale is unprecedented in the upper Rio Grande. Downstream, where such transactions have been made rather frequently, water rights have brought as much as $600-$1000 per acre foot. Mr. Hinojosa offered to send information concerning Mr. Bishop's right, as such information is available to the public.

Mr. Hinojosa also pointed out that the Park's water right certificate, which allows 1530 acre feet of Rio Grande water to be diverted each year, apparently identifies municipal purposes only. Since Texas defines municipal water as water that has been treated, he suggested that we may want to amend the certificate.

I called his attention to the Commission's recent fee assessment announcement, which identifies both municipal and domestic purposes. He agreed that a combination of the two purposes would more accurately define the Park's uses. Therefore, he offered to research the issue and communicate his findings to the Superintendent.

After the Superintendent's briefing, Bob LaFrance and I traveled to Rio Grande Village with Mr. Hinojosa and Mr. Luna. There, Mr. Hinojosa was able to inspect the pumping and irrigation works. He seemed to be satisfied at the procedure used to estimate diversions. We showed him the pumping records for the period 1980-1986, which demonstrate that the Park has diverted only about 43 percent of its entitlement during that period.

Mr. Hinojosa felt it was not necessary to travel to Castolon, since the irrigation works there are not significantly different from those at Rio Grande Village. Instead, he proposed to defer any action by either party until next spring. At that time, he would like to return to the Park and

measure the pumping rates at each diversion site when irrigation is actually taking place. Park officials will contact him when pumping is resumed. We returned to the Superintendent's office. The Superintendent agreed with Mr. Hinojosa's proposal to consider carefully the points made at this meeting and defer a decision until spring or summer.

With respect to the advisability of acquiring additional water rights at this time, we had all come to the same conclusion: Less than half of the Park's entitlement of 1530 acre feet is being exercised at this time. An additional 42 acre feet would increase the total right by only 2.7 percent, but at an estimated cost of $25,000 to $42,000. It would appear there is a more urgent need to retain the right to the Park's current entitlement. Texas law authorizes the Water Commission to cancel any portion of a water right that goes unexercised for 10 years.

One final point is noteworthy. Unless a significant number of water rights are cancelled along the upper Rio Grande, there will be no additional appropriations. Therefore, the river's flow should not be reduced except by natural occurrences or the exercise of senior water rights. It follows that it would be neither necessary nor fruitful to devote a portion of the Park's water right to instream flow or seek additional rights for instream purposes.

Upon my return to Fort Collins, I contacted Bill Bramnall and Keith Yarborough in the Southwest Regional Office and conveyed these thoughts to them.

Action Items

1. The Water Rights Branch will request from the Water Master more specific information concerning flow meters (prices, availability, maintenance requirements, etc.). That information will be passed on to the Superintendent.

2. The Park will send to the Water Rights Branch copies of other information that Mr. Hinojosa agreed to send to BIBE:

   a. information concerning Mr. Bishop's water right; and
   b. the Commission's records regarding purposes associated with the Park's rights to Rio Grande water.

3. If an amendment application is in order, the Water Rights Branch will be responsible for initiating the process.

4. Park officials will notify Mr. Hinojosa when pumping resumes in the Spring of 1987. Mr. Hinojosa or one of his assistants will then measure pumping rates. A final meeting will follow, at which time the Superintendent and the Water Master will resolve the issue concerning the placement of flow meters at diversion points within the Park.

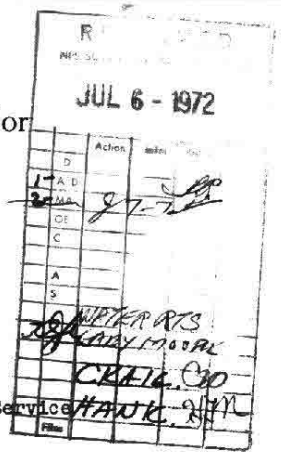
Scott Brown

D. Scott Brown

FNP:DSBrown:cs:221-5341:12/22/86:scottll

United States Department of the Interior
OFFICE OF THE SOLICITOR
SANTA FE FIELD OFFICE
RM. 224, U.S. COURTHOUSE
P.O. BOX 1042
SANTA FE, NEW MEXICO 87501

July 6, 1972



Memorandum

To: Director, Southwest Region, National Park Service
Attention: Land and Water Acquisition

From: Field Solicitor, Santa Fe

Subject: Water Rights Hearing - Big Bend National Park, Texas

Enclosed for your information are correspondence and documents relating to the dismissal of the show cause action filed by the Texas Water Rights Commission against the United States for the purpose of cancelling in whole or in part water permit No. 125, Big Bend National Park. The Commission found that the United States had furnished ample evidence that the water rights should not be cancelled. For your information, it is understood that the Commission has approved the change in use of the two permits from irrigation to municipal. You will be advised when formal approval has been received.

Gayle E. Manges
Field Solicitor, Santa Fe

Enclosures

cc:
Associate Solicitor, Parks and Recreation
U. S. Attorney, San Antonio
Department of Justice, Attention: Don Redd
Regional Solicitor, Denver
Director, National Park Service
(each w/copy of enclosures)

L54 Bike

RECEIVED
NPS SOUTHWEST REGIONAL OFFICE
MAY 15 1972

Big Bend National Park, Texas 79834

May 12, 1972

L54

AIRMAIL - CERTIFIED
RETURN RECEIPT REQUESTED

Mr. O. F. Dent
Texas Water Rights Commission
Sam Houston State Office Building
Austin, Texas 78701

Dear Mr. Dent:

On May 2, 1972 Mr. Gayle Manges, our Field Solicitor, and I appeared at a hearing before the Texas Water Rights Commission and presented evidence of the past, present and projected uses of the water subject to Permit No. 125 (Castolon area) at Big Bend National Park.

At that time we stated that the uses of this water by the United States are actually for municipal rather than irrigation uses. This applies also to Permit No. 927. In subsequent discussions with the Commission staff we were advised to submit an application to so amend these two permits. The two applications, along with the required fees, are attached herewith.

If the Commission requires additional information regarding these requested amendments, please let me know.

Sincerely yours,

J. F. Carithers
Superintendent

Enclosures

cc:
Director, Southwest Region w/encl.
Field Solicitor, Southwest Region w/encl.

L54
Bibe

United States Department of the Interior

OFFICE OF THE SOLICITOR

SANTA FE FIELD OFFICE
RM. 224, U.S. COURTHOUSE
P.O. BOX 1042
SANTA FE, NEW MEXICO 87501

May 5, 1972

Memorandum

To: Superintendent, Big Bend National Park

From: Field Solicitor, Santa Fe

Subject: Conversion of Water Rights from Irrigation to Municipal Uses

At the hearing on May 2, 1972 in Austin before the Texas Water Rights Commission, the Commission was advised that we would submit an application for amendment of water right permits to change the irrigation uses to municipal uses. Copies of the application were provided. It is recommended that Paragraph 3 of the application be, as follows:

> Proposed uses: Municipal use in lieu of irrigation use. The conversion of the irrigation use to municipal use will reflect the actual and proposed uses being made of the water.
>
> Other changes: (1) The change will not increase the consumptive use and will not harm any other existing water rights. (2) An additional point of diversion at a well approximately _____ feet from the river is requested. The point is indicated on the attached sketch and will not increase the rate of diversion. (3) The original point of diversion will be rehabilitated. (4) The applicant requests that the permit, if granted, contain a provision granting a period of 10 years in which to provide for the optimum development of the water system.

In addition to Permit No. 125, an application may be filed for Permit No. 927 to convert the irrigation use to a municipal use. Paragraph 3 may be as set forth above without the references to the change in point of diversion and well. The paragraph should provide that the change will neither increase the rate of diversion nor the consumptive use. If you have any questions concerning the application, please advise.

Gayle E. Manges
Field Solicitor, Santa Fe

cc:
Director, Southwest Region, NPS
Regional Solicitor, Denver

United States Department of the Interior
OFFICE OF THE SOLICITOR
SANTA FE FIELD OFFICE
RM. 224, U.S. COURTHOUSE
P.O. BOX 1042
SANTA FE, NEW MEXICO 87501

May 5, 1972

RECEIVED
MAY 8 1972
DUSTY
CAROL
Make copy for
WRB Docket #37

Mr. William S. Sessions
United States Attorney
Western District of Texas
Room 343, Federal Building
P. O. Box 1701
San Antonio, Texas 78206

Regarding: Water Rights Hearing - Big Bend National Park, Texas

Dear Mr. Sessions:

For your information, the undersigned appeared at the hearing May 2, 1972 at 10:00 a.m. before the Texas Water Rights Commission and presented evidence of the past, present, and projected uses of the water subject to Permit No. 125 at Big Bend National Park. The Superintendent appeared as the only witness and testified as to matters of record in his office.

Chairman Hunt inquired whether the United States objected to the jurisdiction of the Commission and I advised that objections, if any, would be made at such time as the matter might result in a judicial proceeding. In addition to the show cause hearing for which preparations were made, it was learned that an adjudication hearing as to all water permits and claims at Big Bend would also be considered May 2. We had not been notified, therefore, requested and obtained a continuation of that hearing until this summer to be convened in El Paso. The date has not been set.

The Park Service acquired two permits at Big Bend and asserts four claims. Two of the claims are covered by the permits and the remaining two will be considered at the

adjudication hearing. These latter claims are based upon use of underground water apparently not a part of a water course. Appearance will be entered at El Paso and evidence as to the nature of the underground water presented with a request that the Commission rule whether such water is subject to its jurisdiction. Evidence as to maximum, past, present and projected beneficial uses will be presented as to the permit not considered in Austin and the two underground water claims if the Commission rules that it has jurisdiction over the claims.

Also for your information, the position was taken at the hearing in Austin that the uses by the United States within the Park are actually for municipal rather than irrigation uses. An application is being prepared to so amend the two permits. Hopefully, this can be accomplished under Rule 605 without a hearing. The Commission took under advisement the show cause proceedings as to cancellation of Permit No. 125 with the understanding that an application to change from irrigation to municipal uses would shortly be filed. We will keep you advised as to the proceedings and any suggestions or recommendations will be appreciated.

Very truly yours,

/s/ Gayle M. Monges

Gayle M. Monges
Field Solicitor, Santa Fe

cc:
Assistant Solicitor, Branch of National Parks
Regional Solicitor, Denver
Director, National Park Service
Director, Southwest Region, National Park Service
Superintendent, Big Bend National Park

United States Department of the Interior
OFFICE OF THE SOLICITOR

SANTA FE FIELD OFFICE
RM. 224, U.S. COURTHOUSE
P.O. BOX 1042
SANTA FE, NEW MEXICO 87501

L54
PNW

March 16, 1972

AIR MAIL - CERTIFIED-RETURN RECEIPT REQUESTED

Mr. O. F. Dent
Texas Water Rights Commission
Sam Houston State Office Building
Austin, Texas 78701

Regarding: Water Rights - Notice of Hearing - Permit No. 125 of the United States of America; Big Bend National Park, Texas

Dear Mr. Dent:

Notices have been received that a hearing will be held in the office of the Texas Water Rights Commission in Austin, Texas at 10:00 a.m. on March 21, 1972 for the purpose of cancelling in whole or in part Permit No. 125 acquired by the United States. The notice directs the United States to appear and show cause, if any, why the water right should not be cancelled.

The undersigned is the attorney representing the Superintendent, Big Bend National Park and the purpose of this letter is to advise you that the United States will not appear at the hearing. It is my position that the United States is not subject to the jurisdiction of the Texas Water Rights Commission and rights vested in the United States are not subject to cancellation by the Commission. The hearing is not a judicial action to adjudicate all water rights in the State of Texas along the Rio Grande and Congress has not consented for the United States to be subject to such an administrative procedure.

BIBE

The notice recites that the water rights are subject to cancellation for "abandonment, failure to timely complete, 10 years non-use of all or part of the authorized right," presumedly by employees of the National Park Service. For your information, it is also my position that such rights vested in the United States are not subject to loss on the grounds set forth in the notice.

Although we decline to appear, it is the intention of the Superintendent to cooperate in any manner possible with the Commission. Upon request, all information as to present, past and projected future water use at Big Bend will be made available to the Commission.

Very truly yours,

/s/ Gayle E. Manges

Gayle E. Manges
Field Solicitor, Santa Fe

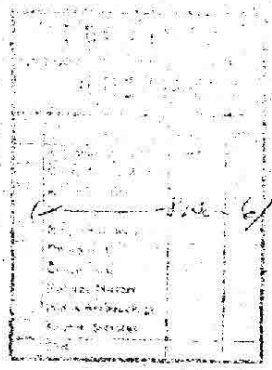
cc:
Superintendent, Big Bend National Park

bc:
Assistant Attorney General, Lands & Natural Resources Division
U. S. Attorney, San Antonio
Assistant Solicitor, Branch of National Parks
Regional Solicitor, Denver
Field Solicitor, Amarillo
Director, National Park Service ✓
Director, Southwest Region, National Park Service

A

Big Bend National Park, Texas

L54 June 7, 1963



Office of the Commisioner
International Boundary & Water Commission
P.O. Box 1959
El Paso, Texas

Attention: Mr. J.F. Friedkin

Gentlemen:

In accordance with your request for monthly reports of water pumped from the Rio Grande in Big Bend National Park, we submit the following:

Water pumped in May, 1963 - Rio Grande Area
24,984,000 gallons

Water pumped in May, 1963 - Castolon
2,058,000 gallons

Sincerely yours,

McCune C. Ott
Maintenance Supervisor

Big Bend National Park, Texas

L54 March 25, 1960

X (Dockets filed in appropriate folder in Supt's Corr. - MRJ. 3/25/60)

Chief Engineer
State Board of Water Engineers
P. O. Box 2311, Capitol Station
Austin, Texas

Dear Sir:

We are enclosing five Water Use Reports for the calendar year ending December 31, 1959. These reports cover our use of both surface and ground water during 1959.

The Castellan water right covered by permit number 125 was not used during 1959. Mr. Gene Cartledge, the former owner of this property who has the right of occupancy through 1960, was not able to utilize any of the water right during 1959. We definitely plan to exercise our rights under this permit as soon as funds are made available to us for the rehabilitation of this irrigation system.

We included a report this year to cover our use of water from wells in the Panther Junction area. Plans call for an increase in use of water in this area.

The other reports are self-explanatory. Water use from these locations has been reported in previous years.

Sincerely yours,

(SGD) STANLEY C. JOSEPH

(SGD) STANLEY C. JOSEPH
Superintendent

Enclosures 5

Copy to: Director, With copy of enclosure
Reg. Dir., Reg. Three, " " " "
WODC " " " "

BLStade1:MRJ

00-00-0000: memorandum re: 1959 water use reports

IN REPLY REFER TO

L-54

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Region Three
Santa Fe, New Mexico

Reply to be Translated by:
For Signature Of:

JAN 27 1960

Memorandum

To: Superintendent, Big Bend

From: Assistant Regional Director

Subject: 1959 Water Use Reports, Big Bend

You have received a copy of Chief, Water Resources Section, Dunn's memorandum of January 18 and the attachment (copy of Mr. Dunn's letter to the State Board of Water Engineers also dated January 18).

We have attached the duplicate forms received from the State Engineer numbered 58250 and 58260. These forms should be completed by you since the record of usage has been kept at the Park. Upon completion, they should be mailed to the State Board of Water Engineers, P. O. Box 2311, Capitol Station, Austin, Texas. The reports are due before March 31, 1960.

Since there appears to be some confusion regarding the numbering, you might wish to call on a representative of the State Board of Water Engineers and discuss the matter with him before preparing the forms. Upon completion of the forms, this office, the Director's office, and W.O.D.C. will need reproduced copies.

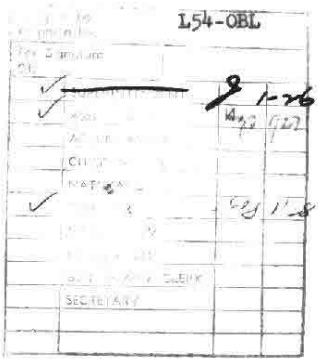
We realize that no water was pumped at Castellan during 1959; however, you should send a negative report to the State Board with a note that we intend to pump and irrigate as soon as practical.

George W. Miller
Assistant Regional Director

Attachments

Copy to: Director (2)
WODC (2)

L54-OBL



January 18, 1960

Memorandum (AIR MAIL)

To: Regional Director, Region Three

From: Chief, Water Resources Section

Subject: 1959 Water Use Reports, Big Bend

The attached forms, in duplicate, have been received from the Board of Water Engineers, State of Texas, in envelopes bearing Austin postmark of January 14. Also attached is copy of our letter of today to the Board, requesting clarification. The form differs from that for 1958, the water claim numbers are new, and they give no clue to the water supplies to which they apply. We have not yet received forms for two other water supplies on which we reported in 1958.

I believe that the forms for the Wedin Ditch, Docket 1, will bear the application and permit numbers 978 and 927; and the Castellan Irrigation Project, Docket 4, will bear similar numbers 129 and 125. Accordingly, I believe that the attached forms are for the riparian uses, as follows:

No. 58250 is former 5825, Wedin Spring or Spring B, Docket 3

No. 58260 is - no. 1958 number - Basin Water System, Docket 2

It will be advisable to assemble the data for report of water use on the claims covered by Dockets 1, 2, 3 and 4, with copies for the four assemblies of each docket as well as the original which should be submitted to the Board. There was no accompanying set of instructions or reference to the applicable water laws similar to those received in previous years.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments

Copy to: Superintendent, Big Bend, w/c letter to Board of Water Engineers
Chief, WODC (2), w/c letter to Board of Water Engineers

L54-OBL

January 18, 1960

State Board of Water Engineers
P. O. Box 2311, Capitol Station
Austin, Texas

Gentlemen:

We have received forms for 1959 water use for Claims Nos. 58250 and 58260, which we assume to be applicable to the following water supplies at Big Bend National Park, and shall appreciate clarifications:

58250, probably 1958 No. 5825, Wedin Spring or Spring B, riparian use

58260, probably numbered after receipt of 1958 report for Basin water supply from Oak Spring and Cattail Falls.

We have not yet received forms for the reports on the Wedin Ditch, Application 978, Permit 827, and Castellan Irrigation Project, Application 129, Permit 125, but assume they will be received in the new few days by this, or one of our field offices. We assume that no reports are required yet, on the use of water from wells.

We are forwarding the forms to our Regional Director, Region Three, National Park Service, Box 1728, Santa Fe, New Mexico. Please send a copy of your reply to this letter to the Regional Director. Also, please change your records to have all future communications and forms concerning Federal water claims at Big Bend National Park sent to the Regional Director.

If possible, it would also be convenient to receive five copies of forms for each report, so that copies can be made for the four Federal offices which maintain records of the water developments and use.

Sincerely yours,

A. van V. Dunn
Chief, Water Resources Section

Copy to: Regional Director, Region Three
Superintendent, Big Bend
Chief, WODC

154-CBL

AIR MAIL

March 3, 1959

4

State Board of Water Engineers
1410 Lavaca Street
Austin, Texas

Re: Water Use Reports, Big Bend

Gentlemen:

Enclosed are the reports of water use, as follows, at Big Bend National Park:

Application 129, Permit 125, Castellan Irrigation Project

Application 978, Permit 927, Wedin Ditch

Riparian 5825, Spring B or Wedin Spring

Riparian Use _____, Oak Spring and Cottonwood Creek

The latter use, for which no number has yet been assigned, seems to fall under the municipal category as explained in the letter from Mr. F. R. Booth, Examiner. Use under Riparian Claim Number 5825, has not yet been developed to the extent for that category.

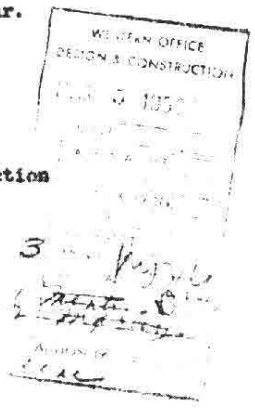
We have been unable to search the records this year for all data on survey names and numbers and are not sure what is meant by abstract numbers. The land should be easily identified from maps of the Park which we have previously supplied. We shall appreciate comments on these reports for use next year.

Sincerely yours,

A. van V. Dunn
Chief, Water Resources Section

Enclosures 4

Copy to: Regional Director, Region Three
Superintendent, Big Bend
Chief, WUDC



Big Bend National Park
Texas

February 27, 1959

Mr. Gene Cartledge
Box 206
Cotulla, Texas

Dear Gene:

Attached is the copy of the water use report for Filing 129, Permit 125, Castellan, which you mailed us last week. I want to thank you for the prompt manner in which you have taken care of this matter.

As promised during our conversation at Maverick, I am returning the report to you after using the figures for our records.

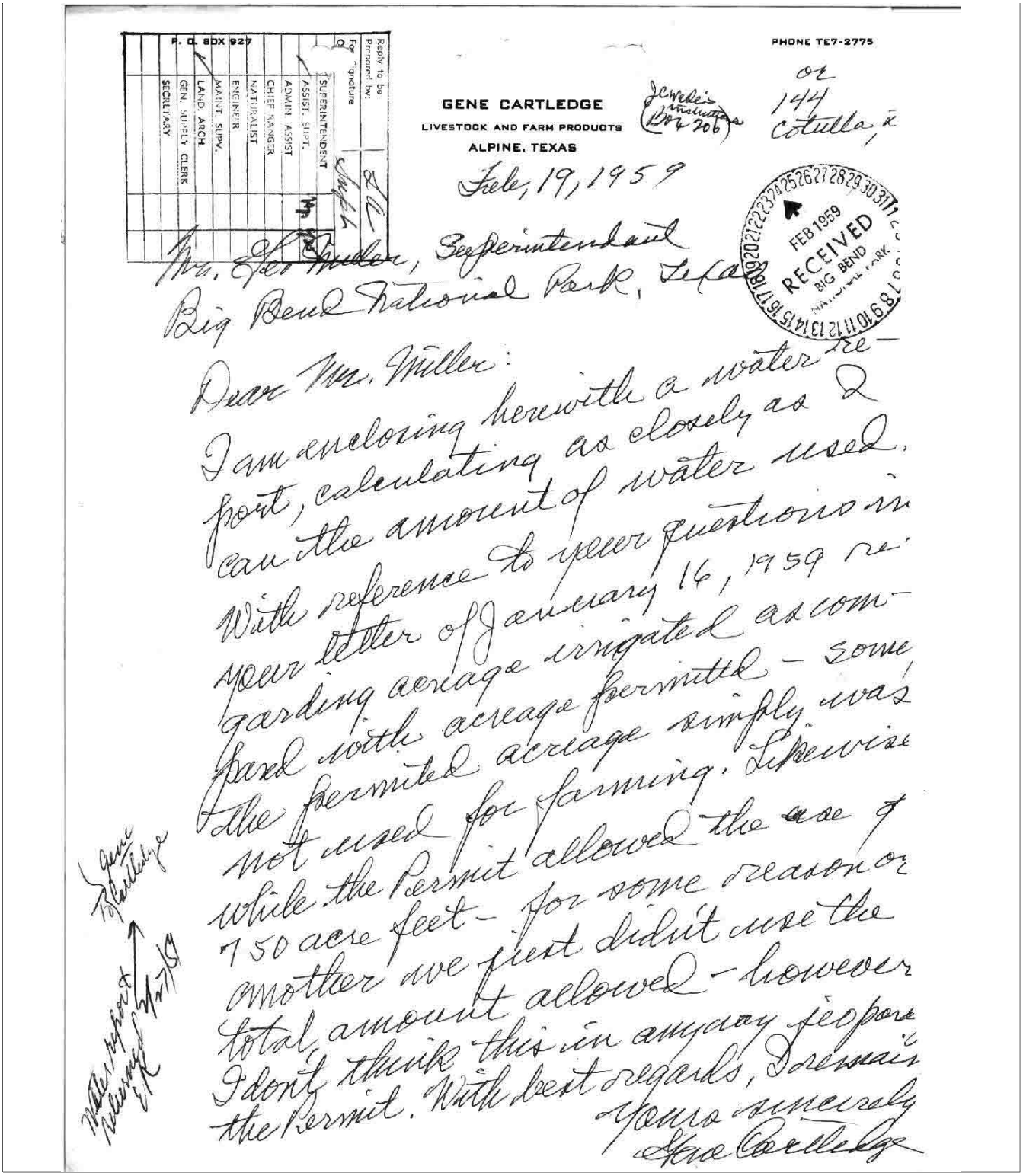
I hope to meet you again here in the park in the not too distant future.

Sincerely yours,

Henry G. Schmidt
Acting Superintendent

HGSchmidt:ek

02-19-1959: hand written letter re: enclosures; february 19, 1959



P. O. BOX 927

Reply to be Prepared by:	For Signature	
		SUPERINTENDENT
		ASSIST. SUPT.
		ADMIN. ASSIST
		CHIEF RANGER
		NATURALIST
		ENGINEER
		MAINT. SUPV.
		LAND. ARCH
		GEN. SUPPLY CLERK
		SECRETARY

PHONE TE7-2775

GENE CARTLEDGE
LIVESTOCK AND FARM PRODUCTS
ALPINE, TEXAS

Jewett Texas (Box 206)

or
144
Cotulla, Tex

Feb. 19, 1959

FEB 1959 RECEIVED BIG BEND NATIONAL PARK

Mr. Leo Miller, Superintendent
Big Bend National Park, Texas

Dear Mr. Miller:

I am enclosing herewith a water report, calculating as closely as I can the amount of water used. With reference to your questions in your letter of January 16, 1959 regarding acreage irrigated as compared with acreage permitted - some of the permited acreage simply was not used for farming. Likewise while the Permit allowed the use of 750 acre feet - for some reason or another we just didn't use the total amount allowed - however I don't think this in anyway jeopardizes the Permit. With best regards, I remain

Yours sincerely
Gene Cartledge

Gene Cartledge
Jewett, Texas

Water report
received 2/23/59
E.R.

9-58

Purpose and Scope of Water Use Report

Pursuant to Articles 7612 and 7612a of the Revised Civil Statutes of Texas, every person or association of persons using water from the public watercourses of the State is required to file an annual Water Use Report with the Board of Water Engineers.

Enclosed herewith are blank forms for your use in reporting to this Board the use of water made during the year 1958. Each question is important, and you are expected to answer all questions that apply to your individual operation. Please contact this office if further information is needed in filling out any part of this form. An answer is requested for each of the 10 sections of the report. If, for example, you are an irrigator who did not use any ground water, mark Sections 6, 7, and 8 as Not Applicable or N.A.

The following comments are made on each of the ten topics in the report for the purpose of showing the type of information needed.

Item 1. Give brief statement of supply, such as: "Private lake on Prairie Creek (Brazos Watershed)" or "Pumping from Neches River", etc.

Item 2. The prime purpose of this report is to determine the amount of water being used for different purposes. Give best information possible on the method used and the accuracy of your measurement of water.

Item 3. This is an inventory to determine how much water is being used and the periods of greatest demand. The information is of value to this Board in evaluating additional quantities of water that may be available from a given supply. Space is provided for you to report more than one use of water in each month. For example, if both Industrial (Ind) and Irrigation (Irr) water is pumped in July, enter one line for the Industrial use and another line for the Irrigation use for that month. State the rate of take in gallons per minute for each use.

Item 4. Did you for any reason obtain water from some individual or water company as your total supply or to supplement the water developed by your own facilities?

Item 5. Did you for any reason divert water that was used by others?

Item 6. Other than for household or livestock purposes, did you use any ground water during the year 1958?

Item 7. The purpose of this section is to find the per capita use of water for municipal purposes and to determine what re-use is being made of sewage effluent.

Item 8. It is important to the State to know the consumptive and non-consumptive water requirements for all classes of industrial use.

Item 9. Requirements for irrigation water vary for different crops and for the same crop in different sections of the state. More water is used in Texas for irrigation than for all other purposes combined, thus making this section of the report especially important.

Item 10. In this section report such information as loss of pumps or other equipment by flooding, non-use of water for some reason, changes in any phase of your operation, or anything of importance. Use additional sheets of paper if needed.

ALL WATER SERVICE REPORTS MUST BE SIGNED.

Making an annual report of water appropriated from the public supply of the State is your legal responsibility. Failure to report places your right to the use of water from such sources in jeopardy. As your Board of Water Engineers, we will appreciate your giving us an opportunity to serve you by completing the attached forms to the best of your ability or by calling on us for any help needed.

For your convenience we are enclosing a record sheet on which you can record the daily diversion of water during the next year, thus simplifying the completion of your 1959 report.

Sincerely,

Durwood Manford

Durwood Manford, Chairman

L54

Big Bend National Park
Texas

January 16, 1959

Mr. Gene Cartledge
Alpine, Texas

Dear Mr. Cartledge:

Reference is made to the Annual Water Use Report for the 1958 calendar year, due in the near future for Application 129, Permit 125.

It was noted that in the 1957 Report the application and permit cover the irrigation of more area than that indicated in your report, and a total use of 750 acre-feet per year is allowed instead of the 613 acre-feet shown.

It is requested that you notify us as to what other land is covered and whether it has ever been used.

It is further requested that the 1958 report be prepared in draft form by you and submitted to us for mathematical check, signature, and filing.

We appreciate your cooperation in this matter.

Sincerely yours,

George W. Miller
Superintendent

HFEmrich:ek

L 54

Big Bend National Park
Texas

April 29, 1958

Mr. Gene Cartledge
Alpine, Texas

Dear Mr. Cartledge:

Reference is made to the 1957 Water Use Report, Application 129, Permit 125, as submitted by you.

It is noted that the application and permit cover the irrigation of more area than that indicated on your report and a total use of 750 acre-feet per year is allowed instead of the 613 acre-feet used in 1957.

It is requested that this office be notified as to what other land is covered and whether it has ever been used.

It is further requested that the 1958 report be prepared in draft form by you and submitted to this office for mathematical check, signature and filing.

Your cooperation in this matter is appreciated.

Very truly yours,

SIGNED

Monte E. Fitch, Jr.
Acting Superintendent

Copy to: Mr. Dunn
Regional Director, Region Three
WODC



4

00-00-0000: memorandum re: 1957 water use report

~~154-L~~

April 8, 1958

Memorandum

To: Regional Director, Region Three

From: Chief, Water Resources Section

Subject: 1957 Water Use Report, Application 129, Permit 125, Docket 4, Big Bend

The copy of subject report, which was prepared and filed by Mr. Cartledge, and forwarded by Mr. Kell on April 4, is being filed in our Docket assembly.

Checking the data, we have 613 acre-feet applied to 165 acres, or an average of 3.72 AF/acre/annum. With 17 irrigations, the average application is 0.22 ft. or 2.62 inches per irrigation, instead of the 3.5 inches given in answer to question 13a.

By comparison, the application and permit cover irrigation of more area, and a total use of 750 acre-feet per year instead of the 613 acre-feet used in 1957.

I have not checked the duty of water for irrigation, but apparently more land has been, or was originally intended to be irrigated. When convenient during this year, the Superintendent should determine from Mr. Cartledge what other land is covered by the right, and whether it is ever used. In addition, the report for next year should be prepared in draft form by Mr. Cartledge, and submitted to this Service for mathematical check, signature, and filing.

A. van V. Dunn
Chief, Water Resources Section

Copy to: Superintendent, Big Bend
Chief, WCDC

RECEIVED
MAR 11 58 A M.
ACTION TAKEN—DATE

COPY L54-L

Big Bend National Park
Texas

March 24, 1958

Board of Water Engineers
1410 Lavaca Street
Austin, Texas

Attention: Mr. George N. LaBounty, Jr.

Dear Sirs:

Reference is made to the water use report for the 1957 calendar year, Permit #125, Application #129, Cartledge property, Big Bend National Park, Texas

Although the Carledge property has been purchased by the United States of America, the former owner is still operating it under lease. It is our understanding that Mr. Cartledge has filed subject report for the 1957 calendar year with your office.

Since it is necessary that we have this information for our files, it would be appreciated if you could furnish us three copies of said report. Any cost involved can be billed to this office.

Sincerely yours,

/s/ Henry G. Schmidt

Acting Superintendent

WESTERN OFFICE
DESIGN & CONSTRUCTION
FEB 24 8:30 A.M.

L54-1

February 20, 1958

Board of Water Engineers
1410 Lavaca Street
Austin, Texas

1957 Water Use Reports
Big Bend National Park

Gentlemen:

Enclosed are the water use reports for Wedin Ditch, under Permit 927, and the Wedin Spring, formerly designated as Spring B, your claim number 5825.

By letter of January 23 we acknowledged receipt of the forms and inquired about reports for Oak and Cottonwood Springs, and particularly about reports for the recently acquired Castellan Irrigation Project under Permit 125. We have just received the letter of February 13 from Mr. LaBounty, transmitting forms for the report under Permit 125, which seems to have been written without regard to our letter.

As stated in our letter, the former owner of the Castellan Irrigation Project is still operating it under lease. At the same date, January 23, we also wrote to the Park Superintendent to determine whether Mr. Cartledge had received the forms and to request that he be directed to supply the information on last year's operation or copy of any report which he might have prepared.

Due to the unusual situation which has developed, we request 30 days extra in which to determine what Mr. Cartledge has done and to complete that report.

Sincerely yours,

A. van V. Dunn
Chief, Water Resources Section

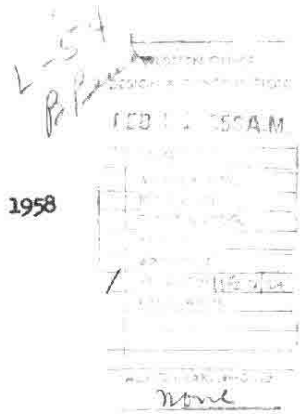
Copy to: Regional Director, Region Three (detached)
Superintendent, Big Bend (detached)
✓WODC (detached)

Carl

BOARD OF WATER ENGINEERS

1410 Lavaca Street
Austin

February 13, 1958



Mr. M. A. van V. Dunn
Chief, Water Resources Section
U. S. Department of the Interior
National Park Service
Washington 25, D. C.

Dear Mr. Dunn:

We now have in our files a copy of the deed from Mr. Gene Cartledge for 3756 acres of land out of Sections 12, 13 and 14, Block 16, G. H. & S. A. Ry. Co. Survey and Sections 321, 323, and 317, Block G-4, G. C. & S. F. Ry. Co. Survey, Brewster County, Texas. We are, therefore, transferring Permit No. 125, Application No. 129, to the United States of America.

We are enclosing herewith water use reports for the year 1957 which should bd returned to this office before March 1, 1958. If you desire us to send future correspondence and water use reports to some other address, please so advise and we will be happy to do so.

Very truly yours,

/s/ George N. LaBounty, Jr.

George N. LaBounty, Jr.
Investigator

00-00-0000: letter re: receipt of forms

154-L

January 23, 1958

State Board of Water Engineers
1410 Lavaca Street
Austin, Texas

Re: Annual Water Use Reports
Big Bend National Park

Dear Sir:

We have received forms for the subject reports on water use under Application 978, Permit 927; and from Spring B under a number 5825. The previous reports on Spring B have been under your assigned No. N-825. Before preparing the report on the use of Spring B we should like to know whether the new number applies to it, and the classification of the claim or right to which the number series applies.

By deed of January 28, 1957, which was recorded in the county on August 8, 1957, and accepted for the United States on November 5, 1957, the Cartledge family conveyed the land and rights under Application 129, Permit 125, subject to the continued use of 500 acres of the land and the water system for several years. Since no report forms have been supplied by you, we assume that you have not been notified of the transfer in compliance with your Regulation 505.3. We are referring the matter to the Superintendent. We shall also appreciate receipt of necessary forms for the report, which should doubtless be signed by a Federal agent even though Mr. Cartledge will have to supply the data.

Before making the first report on the use of Spring B, we supplied you with a list of water systems and requested your advise as to which uses should be reported to comply with Articles 7612 and 7612a of the Civil Statutes. You suggested that the two above numbered reports seemed necessary.

During the past summer I inspected the water systems of the Park, and found that Oak Spring and Cottonwood Creek below Cattail Falls, are diverted, 20 miles or more by the water courses from the Rio Grande, by a combined system to provide the domestic supply for the main public accommodations in the Basin Area of the Chisos Mountains. This use was listed in our previous correspondence with you, but I was unable to give many details. You did not recommend annual water use reports. Article 7612 prescribes reports on use of water from water flowing in a natural stream or

water course, provided that, with the exception of public utilities and political subdivisions, no reports are needed for water used solely for domestic and stockwatering purposes. The water is used for the needs of a lodge with dining room and sleeping accommodations. There is no irrigation. There is an available supply of about 20 gpm, and the water system includes regulatory storage and two pumps with a capacity of 100 gpm. To be sure that we understand each other, I gather that no report is needed because the use is for domestic purposes.

Very truly yours,

A. van V. Dunn
Chief, Water Resources Section

Copy to: Regional Director, Region Three
Superintendent, Big Bend
Chief, WODC

00-00-0000: memorandum re: water use for the 1957 calendar year

DESIGN & CONSTRUCTION

JAN 27 1958 8 AM

CHIEF	
ADMIN. ASSIST.	
PERSONNEL	
PLANS & PROG.	
SAFETY	
ARCHITECT	
ENGINEER	
LAND. ARCH.	

ACTION TAKEN—DATE

January 23, 1958

Memorandum

To: Regional Director, Region Three

From: Chief, Water Resources, Section

Subject: Water Use Reports for 1957 Calendar Year, Big Bend National Park

With copies of this memorandum to the Superintendent and WCDC, we are sending you each a copy of the form which we have received for this year's report on 1957 water use, and a copy of a self-explanatory letter to the Texas Board of Water Engineers.

It is assumed that 5825 and M-825 are numbers of the same water claim, and that the two forms are for the reports on water use for irrigation and maintenance of ponds at the Rio Grande-Mexican Village Area. My notes of last August indicate that the description of areas would be prepared from Drawings 2111 B and 3030. The Washington Office has Drawing 3030 and 2111 A, but not 2111 B. It was also my understanding that the Park Engineer would supply us with a print of the five sheet Drawing 3030 with completed portions of ditch system, and outline of the areas planted and irrigated during the year, and advise of the approximate area planted to each type of tree. He may find it easier to answer the specific questions for the areas irrigated from the Wadin Ditch, and Spring B or 4 on Drawing 3030, respectively. Although my notes show that there is irrigation throughout the year, it is also probable that the rate or frequency of pumping and total acre-feet pumped was different for the different seasons, to answer question 4. We shall appreciate immediate answers as soon as possible, particularly if we have to complete computations before filing the reports by March 1.

I hope we do not have to file an additional report on the surface water sources for the Basin. But in the event that we do, it will be appreciated if we are supplied with gallons of water pumped each month, and the corresponding number of guests and employees.

As explained to the Board of Water Engineers, the annual report on use on the Castillon Project should be signed by a Federal agent, after Mr. Cartledge notifies of the conveyance. It

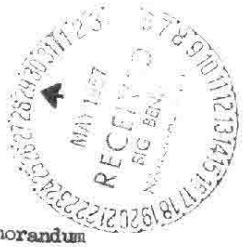
will also be necessary for Mr. Cartledge to prepare the report, as he has in the past, during his continued use of the land and water. Since he has doubtless received the forms, it is suggested that he be requested to submit one of the unsigned reports to this office through channels by mid-February.

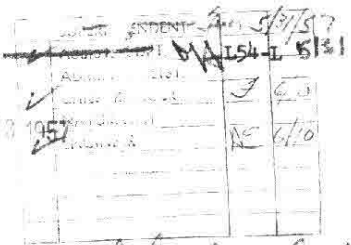
SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments 2

Copy to: Superintendent, Big Bend, w/c 2 attachments
Chief, WODC, w/c 2 attachments





Memorandum

Limited official use

To: Regional Director, Region Three

From: Chief, Water Resources Section

Subject: Application 129, Permit 125 (Alien Water Right No. 1), La Harmonia Company, Cartledge or Castolon Property, Big Bend

Alien Water Right No. 1 was made up and copies were sent to you and the Superintendent on March 26, 1947. The "original" was sent to the Superintendent on October 5, 1951. By letter of February 26 to the State Board of Water Engineers, with full distribution of copies, we requested further information concerning water rights appurtenant to Castolon property, in part because of conflicting definitions in the appraisers' reports, and in part to be prepared for the annual water use report which we shall have to make for the 1957 calendar year. The letter of March 1 from Mr. Joe D. Carter, in reply to the latter, was received at about the same time as an undated memorandum from Superintendent Miller which advised that the acquisition of the property should be kept confidential.

Sec. 505.3 (Page 42) of the 1955 Revision of Rules, Regulations and Modes of Procedure, which was received with Mr. Carter's letter, indicated that the vendor is supposed to notify the Board of change of ownership. (We had not had a complete copy of Rules and Regulations before, and you may or may not have one.) Mr. Siler has advised that title will not pass to the United States until shortly after July 1, but eight months before the next water use report is due.

We have deferred distribution of copies of Mr. Carter's letter with the idea that the matter would remain dormant until July, when it would be proper to convert Alien Water Right No. 1 to Docket No. 4, and send a copy to WODC. We have now received the memorandum of May 17 from Mr. Kell with two photostat copies of the application which we have not had before, two photostat copies of the permit which is more legible than the thermo copy sent by Mr. Carter, but does not bear the stamp showing that it is from the State file copy, and two prints of a Park made tracing of the supporting map of which the Park Service also has two blueprints and one ozalid from the office file map. Mr. Kell states that the Regional Office copies are certified.

With copies of this memorandum we are sending you two new folders for "Alien Water Right No. 1", and a folder to WODC with the future docket number "4" still in pencil. When the United States

obtains title, the "Alien Water Right 1" should be crossed out, and the figure "4" should be inked in after "Docket".

The assembly which we are sending to WODC also includes one print of the tracing which Mr. Kell has had made, one photostat copy of the ozalid print, one set of the photostat copies of Application 129 and Permit 125, and the respective certificates, which were sent to us by Mr. Kell; and one photostat of the thermo-copy of the permit which we received from Mr. Carter. It also includes a copy of my statement of December 13, 1948, which is in the old assemblies of Alien Water Right No. 1 in your Office and the Park, that the present statutory vera of Texas is 33.33333 inches (I do not know whether the GH&SA Ry. Co. and R.S. Dod used the standard vera). This assembly is complete for the time being except for inking in Docket "4" and crossing out "Alien Water Right No. 1" at the proper time.

The Washington Office assembly contains the 1947 blue print of the supporting map, and a photostat reduction of the more recent ozalid; the other photostat copies of application, permit and certificates which Mr. Kell sent us; thermo-copy of the permit which Mr. Carter sent to us, and copy of my 1948 statement concerning the statutory vera.

One of the attached assemblies contains the ozalid print of the map which Mr. Carter sent, and the other contains a photostat print. Both contain photostat copies of the thermo-copy of the permit. To be consistent with normal disposition of "original dockets", the folder with the photostat copy of the map should be made up with the certified copies of application and permit which you now have, and forwarded to the Park. The Superintendent should add my statement concerning the statutory vera, from his old assembly, and then destroy the old assembly and the rest of its contents. If he still has both the assembly sent in 1947 and the one sent in 1951, both should be destroyed, but if either assembly contains the signed copy of my statement, that should be the one which should be transposed to the new assembly. I suggest that you place the photostat negatives of the application, permit, and certificates in your new assembly which now contains the ozalid print of the supporting map.

This procedure will place a full scale map in the assemblies in your Office, the Park, and here, and a full scale traced copy in WODC.

We note that the official name of the water development is the Castellan Irrigation Project and that the land records designate it as the Castolon Property.

A. van V. Dunn
Chief, Water Resources Section

Attachments 2

Copy to: Superintendent, Big Bend, w/c Carter's letter of March 1
Chief, WODC, w/c assembly and " " " "

05-17-1957: memorandum re: copies of application, permit, and map; may 17, 1957

✓	SUPERINTEN		4/22/57
✓	ASSIST. SUPT.	BMA	5/17
✓	ADMIN. ASSIST.		5/15
✓	Chief Ranger		5/22
✓	NATURALIST		5/22
	ENGINEER		

L-54

Region Three
Santa Fe, New Mexico

MAY 17 1957

Memorandum

To: Director

Attn: Mr. Dunn

File - Castalon Property

From: Regional Chief of Lands

Subject: Copies of Application, Permit, and Map, La Harmonia Company, Alpine, Texas, Big Bend

Several years ago when I was in Austin, Texas with Superintendent Maxwell, I obtained from the Board of Water Engineers a copy of the Permit No. 125 issued February 29, 1916, and Application No. 129 shown to be owned by La Harmonia Company, Alpine, Texas. Recently I showed this material to Superintendent Miller in Big Bend, and he requested a copy.

I have had the print traced by one of the Indian boys and photostat copies made of the Permit and Application. Copies have been transmitted to Superintendent Miller and the original print obtained in 1951, certified by Mr. McDonald, has been retained in the Regional Office files. Copies of Mr. McDonald's Certification of March 6, 1951, have been stapled to the map, but the Certification was, of course, for the blue line print mailed to me from his files.

Now that we are in the process of acquiring the Castalon property, it is felt that Mr. Dunn would like to have the material furnished. The map has been reproduced from a rather poor copy and Leroy lettering substituted for the somewhat poor freehand lettering on the original print.

Mr. Cartledge has requested that the acquisition be kept confidential and we assume there is no need to write to the State Board of Water Engineers regarding the application of the La Harmonia Company. If Mr. Dunn should require additional information, we believe it would be best if it could be obtained by Superintendent Miller on his next trip to Austin.

JOHN E. KELL

John E. Kell
Regional Chief of Lands

In duplicate

Attachments

Copy to: Supt., Big Bend w/attach.

MAY 1957
RECEIVED
BIG BEND
NATIONAL PARK

L54

WESTERN OFFI
DESIGN & CONSTRU
MAR 8 1957
CHIEF
ADMIN.ASSIST.
PERSONNEL
PLANS & PROG
SAFETY
ARCHITECT
ENGINEER
LAND, APPR.
ACTION TAK

Memorandum

To: Director

From: Superintendent, Big Bend National Park

Subject: Water Rights - Big Bend

We were a bit perturbed to receive a copy of Mr. A. van V. Dunn's letter of February 26 to the State Board of Water Engineers.

We regret that the transaction to acquire the Castolon property was revealed. As you know, Gene Cartledge has requested that all negotiations be kept confidential and we have assiduously respected his wishes in this matter. In view of the fact that we have not yet acquired this property, we believe it would be wise to continue to do so.

An assumption which also disturbs us is the statement: "it is also possible that the new development under Permit 927 will not require all authorized water in the foreseeable future." While the use during this past year might lead one to assume this, we point out that the water use for 1956 was not representative. In fact, we consider that our needs might exceed the authorized 780 acre-feet. The reaction of the water users of the lower Rio Grande Valley last summer was that they considered our usage a minor one, the inference being that they would not object to our requesting an increase in our permitted use.

We do appreciate Mr. Dunn's interest in properly establishing our water rights and this is an attempt to present our point of view.

(sgd) GEORGE W. MILLER

George W. Miller
Superintendent

Copy to: Regional Director, Region Three
WODC

L54-L

4

February 26, 1957

State Board of Water Engineers
1410 Lavaca Street
Austin, Texas

Re: Big Bend National Park

Gentlemen:

We are now in the process of acquiring the former Castolon property in Sections 12, 13 and 14, Block 16, GC&SFRR Survey in Big Bend National Park, were there has been irrigation from the Rio Grande for a long period of time. This Office, the Park Superintendent, and the land appraisers have been unsuccessful in attempts to determine the status of water rights claimed by the owners. Part of the investigation has been in your office, and possibly duplicated.

In preparing the annual report on water use under Permit 927 for 1956, we realize that we should probably report water use on the designated lands in 1957. Although not fully determined, it is also possible that the new development under Permit 927 will not require all authorized water in the foreseeable future.

This is first a request to have forms supplied next year for the subject irrigation in Block 16, for 1957, if you consider a report to be required. We shall also appreciate any statement you care to make about the possible early riparian rights which may attach to that land, or whether there could be recorded appropriative rights which you have reported to be unable to find. We should also like to know whether any rights under Permit 927 can be transferred to other points of diversion from the Rio Grande for use on other land if they become surplus to the Park needs in authorized area, after the United States gains title to all land between the Wedin Ditch and said Catolon property. We should also like to know whether the water uses to the spring, tributary to the Rio Grande, on which we are now reporting under your number M-825, are considered to be claims to the waters of the Rio Grande which are subject to regulation by the International Boundary Commission.

Very truly yours,

A. van V. Dunn
Chief, Water Resources Section

WESTERN OFFICE
DESIGN & CONSTRUCT
FEB 28 1957
CHIEF
ADMIN. ASSIST.
PERSONNEL
PLANS & PROG.
SAFETY
ARCHITECT
ENGINEER
LAND. ARCH.
ACTION TAKEN—D

Copy to: Regional Director, Region Three
Superintendent, Big Bend
Chief, WODC

12-13-1948: memorandum for the regional director, region three; december 13, 1948

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

ADDRESS ONLY
THE DIRECTOR, NATIONAL PARK SERVICE

~~CHICAGO, ILLINOIS~~
Washington 25, D. C.

Big Bend Alien W.R.-1

December 13, 1948.

MEMORANDUM for the Regional Director, Region Three.

Mr. Harrington, Bureau of Land Management, advises that the statutory vera in Texas is now 33.33333 inches. This memorandum is being sent to you in sufficient copies to permit filing in Big Bend Deed No. 3 and Alien Water Right No. 1 in your office and at the Park.

(SGD.) A. VAN V. DUNN.
Chief, Water Resources Branch.

AvVD:sh.
In quadruplicate.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Big Bend National Park
Marathon, Texas

Maxwell

April 7, 1947.

MEMORANDUM for the Regional Director, Region Three.

I am in receipt of our copy of Mr. Tolson's memorandum of March 26, with which was enclosed an Alien Water Right No. 1 and Form L-3, pertaining to the Castolon irrigation project, Permit No. 125.

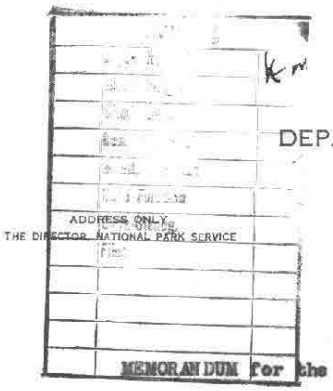
With regard to the questions in the last paragraph of Mr. Tolson's memorandum, I am not in a position to say whether this particular tract will be developed for Park purposes. I am of the opinion, however, that it very likely will be and that we will want to retain the water right on that tract. I do not know, of course, whether the State of Texas will desire to purchase the pump, engine, and other pumping equipment now used by the Cartledges or not. It is quite likely that they will buy it if the price is not too high. I am certain, however, that this old equipment is pretty well worn out and that it will not be worth much money. However, if the price is reasonable it might be a good idea to take it along with the land; thus, we could keep the irrigation system going and also keep the water right active.

Ross A. Maxwell,
Superintendent

In duplicate

RAM:ek

Taken out of our old file
4/23/52



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
CHICAGO, ILLINOIS
54

March 26, 1947.

MEMORANDUM for the Regional Director, Region Three.

An Alien Water Right No. 1, and form L-3 as an index, pertaining to Big Bend National Park, are enclosed in duplicate for the files in your office and at the Park, and consisting of the file map and Permit No. 125 covering the diversion of waters of the Rio Grande for use on Survey Lots 12, 13, and 14 of Block 16, G. H. & S. A. R. R. subdivision.

In answer to the last paragraph of Mr. Maxwell's memorandum for you of March 5, the Secretary of the State Board of Water Engineers has advised us that this permit, and the rights appurtenant to the Wedin Ditch on the Daniels tract are the only recorded water rights within the Park boundary. While there may be other valid rights, and perhaps some illegal water use, they are not recorded. We are also advised that Mr. W. R. Cartledge, a member of the company, has maintained water right Permit No. 125 by full compliance with the water laws as to filing of annual reports.

Since the State is responsible for the ultimate acquisition and donation of the rest of the private land within the Park, it might be well to determine whether this tract will be developed for Park purposes on acquisition, and whether continued irrigation will be needed. If so, it would simplify the preservation of water rights to have the pump unit conveyed with the land, so that there will not be the delay in annual use of the water as has been the case in connection with the Wedin Ditch. If the State does not feel justified in bearing that cost, arrangements might be made to schedule Federal purchase of the pump unit during, or just after, State purchase of the land, and before it is dismantled for shipment.

(SGD) HILLORY A. TOLSON

Acting Director.

Enclosure 544.
In duplicate.



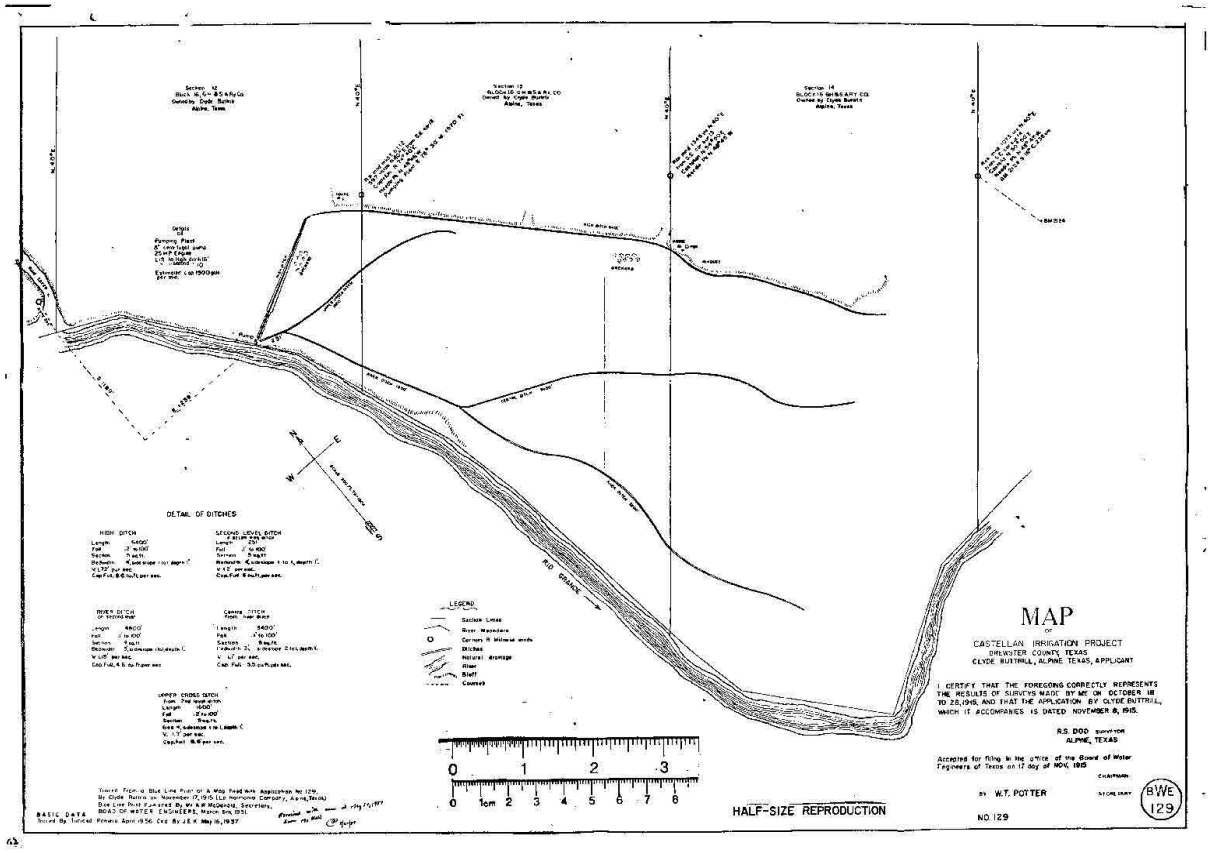


Taken from red file 4/23/52

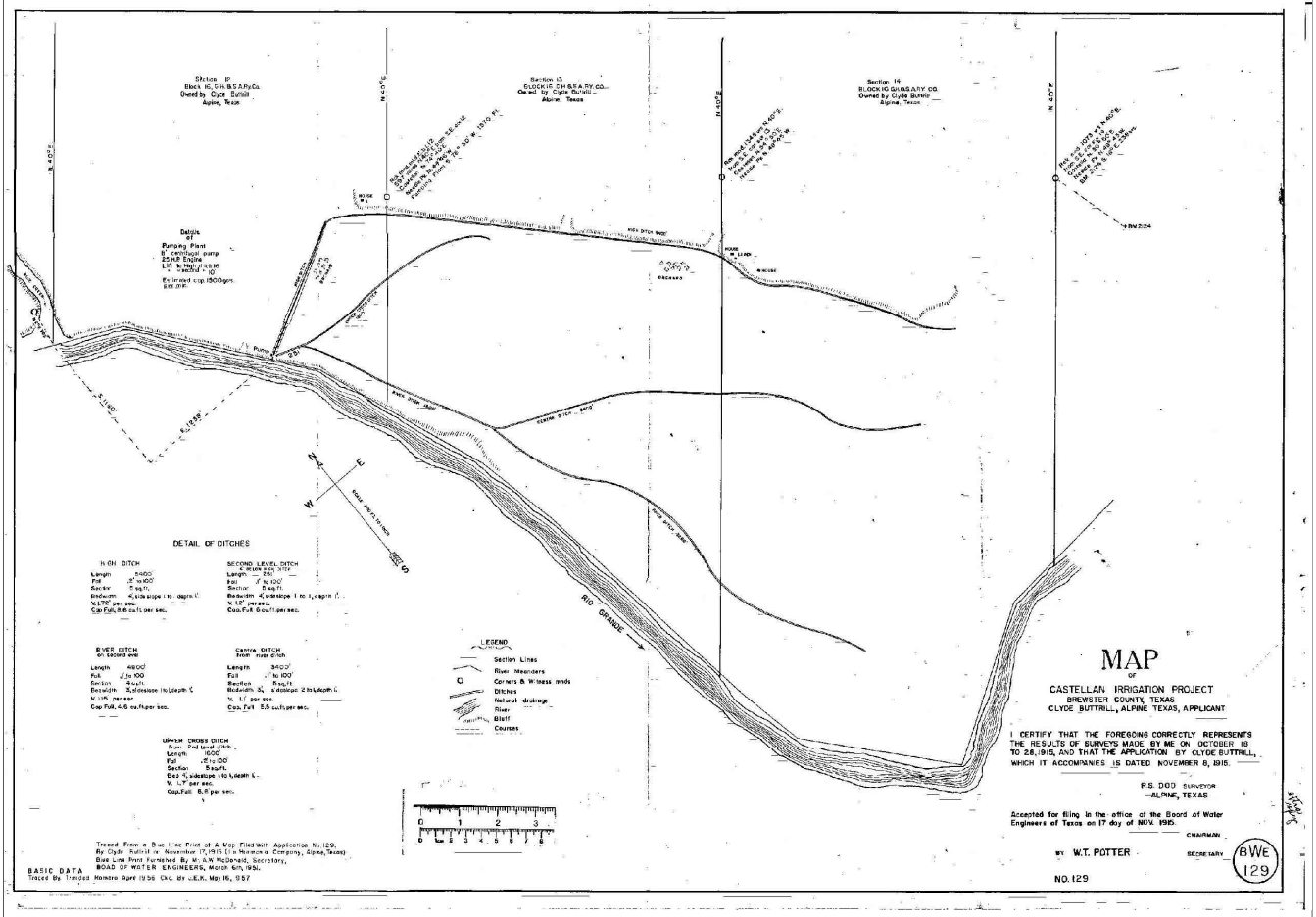
Maps and Miscellaneous Information


BIG BEND
NATIONAL PARK
TEXAS
TO MARATHON
39 MILES
SANTIAGO MTS.
PARK ENTRANCE
PERSIMMON GAP
N
29 MILES
DAGGER FLAT
ROSILLOS MTS.
SIERRA DEL CARMEN
TO ALPINE
81 MILES
FOSSIL BONE EXHIBIT
GRAPEVINE HILLS
TERLINGUA CR.
TERLINGUA
STUDY BUTTE
9 MILES
10 MILES
BASIN JUNCTION
3 MILES
PARK HEADQUARTERS
INFORMATION
THE BASIN
FOOD, LODGING
CAMPGROUND
INFORMATION
PANTHER JUNCTION
7 MILES
TORNILLO CREEK
TO PRESIDIO
70 MILES
PARK ENTRANCE
MAVERICK
BURRO MESA
GREEN GULCH
JUNIPER CANYON
DUGOUT WELLS
20 MILES
BOQUILLAS CANYON
AJITAS
MESA DE ANGUILA
SANTA ELENA CANYON
CHISOS MOUNTAINS
CHILICOTAL MT.
BOQUILLAS
BOQUILLAS
RIO GRANDE VILLAGE CAMPGROUND
PICNIC AREA
9 MILES
GLENN SPRINGS
CASTOLON
SAN VICENTE
SANTA ELENA
TALLEY MT.
RIO GRANDE
RIO BRAVO DEL NORTE
MARISCAL MT.
MARISCAL CANYON
M E X I C O
Ranger Station
Paved Road
Improved Dirt Road
Park Boundary
The International Boundary is at the Rio Grande
0 5 10 15
SCALE IN MILES
REV. MAR. 1956 SEPT. 1955 NP-BB-7015 A

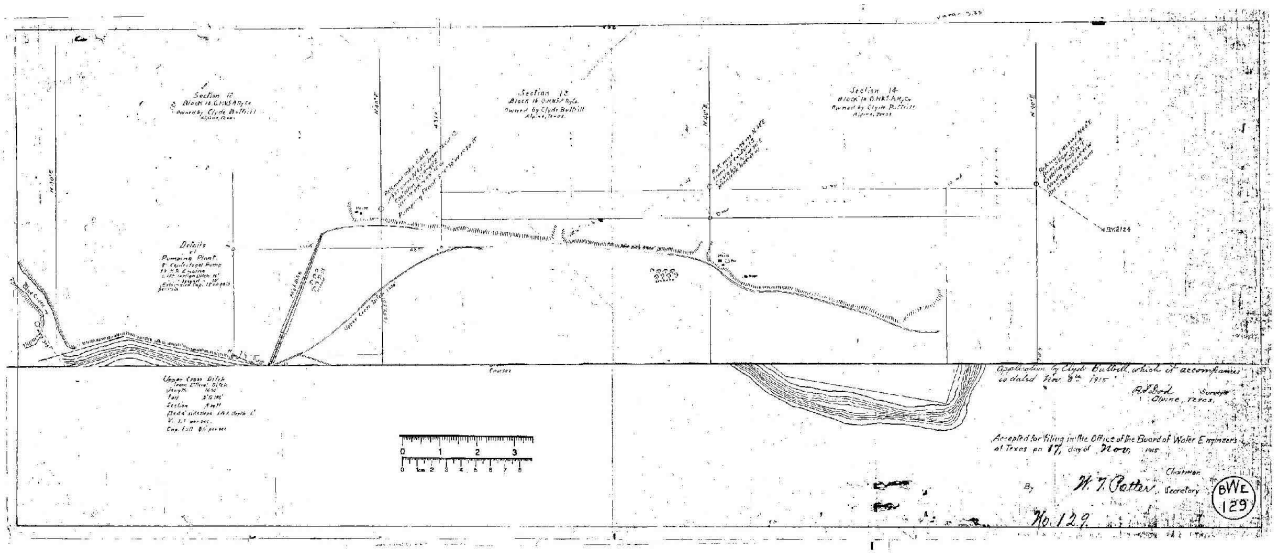
11-17-1915: map of irrigation project; november 17, 1915



00-00-0000: map of irrigation project



00-00-0000: map of irrigation project



Docket Information

Number of Documents in Docket 167

Documents Dated from 11/8/1915 to 1/16/1996

Docket Compiled: 1/31/2011