

	<u>BRUCE'S EDDY</u>	<u>Elk</u>	<u>Deer</u>
Kelley Creek Unit		378	30
Weitas Range		454	1
Orogrande - 4th of July-			
Bungalow-Units		349	37
Bungalow - Canyon Ranger			
Station.		766	79
Canyon R.S. - McKinnon Cabin		112	29
McKinnon Cabin to F.S.			
Boundary		<u>57</u>	<u>16</u>
Total upstream from F.S.			
Boundary		2,116	192
Below Forest Service Bdy.-			
Little North Fork - Purd			
Hughes		<u>40</u>	<u>0</u>
Total above Pool Area		2,156	192
All Association Area		<u>350</u>	<u>300</u>
No. F.S.		2,506	492
Area never counted - impractical - light snow - steep canyons - timber - <u>Count Not Justified.</u>			
Priest Lake El.- 2451 ft. - 1540 (B.E.)			
BayView El.- 2085 ft.- 1750 (P.C.)			

GRAND TOTAL

Above Penny Glace 1,994

Penny Glace Pool

PENNY CLIFFS Elk Deer Moose

Lochsa

Upper Lochsa and Powell

District 1,084 23 28

Lochsa S. Upstream to  
Clearwater-Lolo Bdy.

401 5 2

Lochsa S., Boulder Cr.,  
Sherman Cr., Fish Cr.,

Wild Horse

957 32 1

Total Above Pool

2,442 60 31

Lochsa Pool Area

150 few

Selway

Three Links, Moose Cr.,

Upper Selway River, Mag-

ruder Cabin

3,092 No Count

\*Three Links Down-

2,500\*

stream & Middle Fork-

No. F. S. census recently

Estimated only - Majority

Upstream from Selway F.

in Meadow Cr. drainage and

Selway River. (Rough terrain

hard going-timber-non-critical

area-light snow-Census not

justified.)

TOTAL

5,592

GRAND TOTAL

Above Penny Cliffs 7,954

Penny Cliffs Pool 150

PENNY CLIFFS CONTINUED page 2

\* This embraces an area of approximately 60 miles along the Selway and Middle Fork Rivers where numerous side drainages and upper bench lands supports the major portion of the game winter and summer. There is never any severe winter conditions along the lower Selway and Middle Fork Rivers to force game in to concentrated areas where they could be counted on winter surveys; hence no U.S.F.S. count for the past 15 years. This number of 2,500 could not be considered as being within the pool areas.

8104

2506

10610 Total

13043 Palmer

SUMMARY - CRITICAL ACREAGE ALL FORESTS

	<u>Severe</u>
Selway - 3 Links Upstream	50,000 1949)
" " " Down to	
Falls and Meadow Crs.	25,000 Cal.
Lochsa - Powell District	31,000 1948
Lochsa - Clearwater Forest	41,000 Cal.
Clearwater National Forest	<u>95,000</u> Cal.
Total Acreage	242,000

and Domestic Use

Highway and Roads

Rock Bluffs and Precipitous

Area

Total

Potential Range Available

- Entire pool area

Annual Potential Range

Acreage in use as Big Game Range:

Summer

None

Normal Winter Range

Critical Winter 270

ACRES BIG GAME RANGE NORTH PARK DRAIN

Summer

2,160,000

Normal Winter

285,000

Critical Winter

63,000

Reduction of Critical Range by Pool

Area - 1 of 1 percent

Note: The above data compiled by water

BRUCE'S EDDY DAM

Acreage Statistics

Approx.  
Acres Acres

Gross Acreage in High pool Area		11,880
River Channel - High Water Lines	2,178	
Agricultural Land, Bldgs. and Domestic Use.	3,098	
Highway and Roads	74	
Rock Bluffs and Precipitous area	<u>2,930</u>	
Total	8,280	11,880

Potential Range Available

- Entire pool area 3,600

Amount Potential Range

Acreage in use as Big Game Range:

Summer	None
Normal	Normal Winter None
Critical	Winter 420

ACRES BIG GAME RANGE NORTH FORK DRAIN.

Summer	2,160,290
Normal Winter	286,400
Critical Winter	95,000

Reduction of Critical Range by Pool

Area - .4 of 1 percent

Note: The above data compiled by WATER

23,1954, from public records of Department of Agriculture, U.S.F.S. Corp of Engineers, State of Idaho, and Clearwater County.

11,860	pool area	Gross Acreage in High
2,178	River Channel - High Water	
3,090	Agricultural land, Bldgs. and Domestic Use.	
74	Highway and Roads	
2,930	Rock Bluffs and Precipitous areas	
8,280 11,860	Total	
3,600	- Entire pool area	Potential Range Available
	Amount Potential Range	
	Acres in use as Big Game Range:	
	Summer None	
	Normal Winter None	
	Critical Winter 420	
	ACRES BIG GAME RANGE NORTH FORK DRAIN	
2,160,290	Summer	
206,400	Normal Winter	
95,000	Critical Winter	
	Reduction of Critical Range by Pool	
	Area - 4 of 1 percent	
	Note: The above data compiled by WATER RESOURCES COMMITTEE, CHAIRMAN	

PENNY CLIFFS DAM

Acreage Statistics

Approx.  
Acres Acres

Gross Acreage in High Pool Area 17,050

River Channel - High Water Lines 3,031

Agricultural Land, Bldgs. and Domestic Use 6,150

Highway and Roads 284

Rock Bluffs and Precipitous Area 12,280

Total 12,045

Potential Range Available - Entire Pool Area 5,005

Amount Potential Range Acreage in use as Big Game Range:

Summer None  
Normal Winter None

Critical Winter 975

ACRES BIG GAME RANGE MIDDLE FORK DRAIN.

Summer 2,450,000

Normal Winter 367,000

Critical Winter 147,000

Reduction of Critical Range by Pool Area - .7 of 1 percent.

Note: The above data compiled by Water Resources Committee Chamber of Com-

23, 1954, from public records of Department of Agriculture, U.S.F.S., Corps of Engineers, U.S. Army, State of Idaho and Clearwater County.

Area	Acres	Value
Grass	17,030	17,030
River Channel & High Water		
Lines	8,031	8,031
Agricultural Land, Fences		
and Domestic Use	6,150	6,150
Highway and Roads	284	284
Rock Bluffs and Precipitous		
Area	42,880	42,880
Total	12,945	12,945
Potential Range Available		
- Entire Pool Area	2,005	2,005
Amount Potential Range Available in use as Big Game Range:		
Summer	None	
Normal Winter	None	
Critical Winter	978	
ACRES BIG GAME RANGE WINTER FEED DRAIN		
Summer	2,450,000	
Normal Winter	367,000	
Critical Winter	147,000	
Reduction of Critical Range by Pool		
Area - % of 1 percent.		
Note: The above data compiled by Water Resources Committee, Chamber of Com-		



ACREAGE OWNERSHIP\*

	Bruce's Penny	Total
	<u>Eddy</u>	<u>Cliff's</u> <u>Total</u>
Small Private	5,367	4,585 9,952
Indian Land		580 580
Public Domain	2,375	270 2,645
State of Idaho	2,442	305 2,727
U.S.F.S.	420	9,865 10,285
P. F. I.	2,195	2,195
N. P.	<u>38</u>	<u>38</u>
Total	12,817	15,605 28,422

\* Estimate Bond upon available information at this time - 2 - 22 - 54, and subject to minor changes.

ACREAGE OWNERSHIP\*

	Bruce's Eddy	Penny Cliffs	Total
Small Private	5,367	4,585	9,952
Indian Land		580	580
Public Domain	2,375	270	2,645
State of Idaho	420	9,865	10,285
U.S.F.S.	2,195		2,195
P. F. I.			

Bureau of Census states - Annual Increase of Population in USA - 2 (100) (1910) - 1960

Unlike Don Holster (Senator) statement 100 years ago - THE WEST WAS LAND OF WASTES - DESERTS - CACTUS - SAVAGES - BEASTS - WORTHLESS AREA - "No money from public treasury." It is also worth noting

HISTORY

1811 - Congress authorized for survey of 300 Report and study Middle Snake River, (Clearwater - Salmon)

1940 - Senate Hearing

Looking site selected - 1940  
Indian Treaty signed

SPEAKERS OUTLINE  
CLEARWATER DAMS  
NOTES - CLEARWATER DAMS

INTRODUCTION

Express appreciation of opportunity to discuss Clearwater Dams.

Has become one of greatest controversies in our REGIONAL and STATE developments of all time.

We are a growing state-growing N.W.

Bureau of Census states-Annual increase of Population in USA-2,000,000 persons.

Unlike Dan Webster (Senator) statement 100 years ago-THE WEST WAS LAND OF DUST-DESERTS-CACTUS-SAVAGES-BEASTS-WORTHLESS AREA-"No money from public treasury." "It is close enough to Boston"

HISTORY

81st Congress-14M\$ for review of 308 Report and study Middle Snake River. (Clearwater-Salmon)

1948 - Kamiah Hearing

Looskia site rejected - Ancient Indian Burial Ground

2  
CLEARWATER DAMS  
NOTES - CLEARWATER DAMS  
EAST  
Late  
Loss of valley - one of best in region  
needed for industrial development-homes.  
Cannot flood this valley-site discarded.

STUDY HAS PROGRESSED

1953 - Spring

Landed in Clearwater-(U.S. ARMY ENG.)

Study proved it to be FLOODER of Snake  
River System.

ANNUAL PREC. IN CLEARWATER AVERAGE 51  
INCHES - BRUCE'S EDDY AND 44½ PENNY  
CLIFFS BASIN, WITH MUCH AREAS AS HIGH AS  
70 INCHES.

1948-Record of 177,000 - second ft. run  
a Spalding.

GREATEST SECOND FEET:

Salmon at mouth (1894) 120,000 CFS

Snake above Salmon (1894-Oxbow)

130,000 CFS

Snake at Clarkston

If Clearwater controlled in 1948-Van-  
port disaster probably would not occur

A 190,000,000 second-foot run would

region  
1955  
FEASIBILITY OF CONTROL STUDIED

○ Late summer answer was thought found.

SEPT. 3-People advised of survey-and probable public hearing.

○ SEPT. 14-Public agencies notified of probable public hearing.

○ SEPT 26-State agencies notified.

SEPT.30-Boise conference with Fish and Game People.

○ OCT. 9-OFFICIAL NOTICE-Over 600 agencies Organizations.

OCT.20 Ross Leonard-Notice to Wildlife Organizations and Fish and Game personnel.

○ OCT.27-OREGON-WASHINGTON-IDAHO-Fish and Game Conference, Walla, Walla, Wash.

○ NOV. 20 - Hearing.

○ AGENDA ARRANGED: Field canvassed and people given all information available  
Several meetings held-Orofino-Moscow-Grangeville-Lewiston

BUT ONE organization indicated their opposition-NEZPERCE INDIANS (This opposition since removed.)

All presentations at hearing were placed on agenda according to the CATEGORY, starting with M.C.-Gov. & State organizations on down to counties-civic organizations and ind.

### A DEMOCRATIC MEETING

All person heard-Meeting held 1½ hr. over until everyone had opportunity to talk-AND-written objections received and recorded since at Office of Dist. Engineer-Walla Walla, Wash.

OUR OPPOSITION-Analyse them.

### Wildlife and Gun Clubs

Who are they?

Who has solicited their expressions?

What interest do they have?

Who tells them what to do?

Who are their spokesmen?

What are their motives?

What are their qualifications?

Some don't know where Clw. is. Don't Care

Who made survey of wildlife?

Have they bothered to call at Engineers

LET US STICK TO THE FACTS

THE TRUTH HURTS THE OPPOSITION

This has been well demonstrated recently. (St. Maries)

"Can have progress and wildlife too  
RALPH WESSA-wildlife president.

THE OPPOSITION

1. Don't like Army Engineers-have opposed many projects.

Some opposition comes as a result of Albeni Falls project.

A war time project-serious need of power

Perhaps ill planned-But AN EXAMPLE OF WHAT HAPPENS WHEN DAMS ARE CONSTRUCTED AND EFFECTS MAJOR RE-LOCATIONS. Bruce's Eddy and Penny C. Differ-It will effect very few people Few good here only-2 small rural schools and a USFS Ranger Station.

B. We Regret that their attitude should constitute a threat to our economic welfare.

3. Opposition has been stirred by Ross Leonard Memo-Oct. 29th

A. Implied great loss to wildlife and Fish.

B. 80% to 90% loss-Ridiculous

C. Deer wiped out - Lewiston Orchards-  
2 this winter-18 elk in field of  
Joe Choate-Farmer at Southwick.

Deer in Spokane. (Read Clipping 2-20  
54 A.P.) 3 killed.

Deer at Bayview-El. 2085'  
(Lake Pend Oreille)

Deer at Priest Lake-El. 2450  
Very good.

Deer at Lake Coeur d'Alene-McCall

Bruce's Eddy El. 1540

Penny Cliffs El. 1855

Deer like Rabbits-Strictly silly  
propaganda.

People should not be subject to  
such nonsense.



4. State Lewis-Clark Road would be best  
Road foreman Bradshaw-"Construction  
Penny Cliffs Dam would render impos-  
sible the completion of L/C Road to  
acceptable standards."

A-Views of L.V. Miller and Army-Letter  
of April 12th.

1. District Engineer Phelps & Col.  
Tandy do not confirm the Bradshaw  
Statement.

2. Grades-Curves-Snow conditions  
maintenance will be no more.

3. Tandy also made air & ground obser-  
vations "Road in relocated position  
would not be materially different  
in length or differ materially in  
total curvature from replaced sec."

AND "would not follow along high  
ridges or even summits other than  
Lolo Pass

4. Tandy estimated-\$19,520,000.00 or  
\$420,000.00 per mile.

5. Miller - Concurs - adequate

6. Tandy-"Policy in accordance with  
Federal Government.

ties rendered unusable through accomplishment of federal project shall be to a no less standard than those being replaced.

Lewis-Clark will ascend from river level near Kooskia to above pool level near Penny Cliffs at rate not in excess of that prescribed as a maximum eastward grade by Bureau of Public Roads for L/C Road.

"Along Pool the profile would be approximately parallel to that of reservoir and the stream as effected by backwater of same." (45.6 Mi.)

#### 5. OPPOSITION

Well organized-throughout-BUT KNOW LITTLE & CARE LESS ABOUT OUR ECONOMIC FUTURE

HAVE ONLY THEIR OWN SELFISH MOTIVES

THE PRESS TELL US

WILDLIFE CLUBS THROUGHOUT STATE OPPOSE

GUN CLUBS-CRAIGMONT-COTTONWOOD-PAYETTE-CALDWELL-AMERICAN FALLS-ASPENDALE, ETC. OPPOSE.

READING THESE ITEMS FISH AND GAME DEPARTMENT PERSONNEL SEEM TO BE PRESENT -

10  
WE BELIEVE IN NO PERMANENT INJURY  
NEVER HAS OUR PEOPLE BEEN CONTACTED-  
IS THERE TWO SIDES TO THIS STORY?  
AS THERE IS ON OTHER ISSUES.

6. PETITIONS AND RESOLUTIONS SEEM EASY  
TO OBTAIN ABOUT ECONOMIC WELFARE OF  
PERSONS FROM OUTSIDE THE AREA!

7. Opposition-National in Scope-Not in  
area being developed.

A. Representative in WDC.- Nationally  
Financed.

B. Have been incorrect. Stated that

C. chinook important. Average-4 yrs.  
26 at Lewis.

C. One Spokesman stated: Did not  
know much about Idaho but knew  
about Wyoming.

D. The Clearwater County not import-  
ant to Ida. - a national consider-  
ation.

8. The opposition-unwittingly perhaps  
have been crusaders for retrogres-  
sion.

A. should our pioneers had this our  
plains would be supporting Buffalo  
herds instead on great agricul-

WE BELIEVE IN NO PERMANENT INJURY

1. Must safeguard the L/C Road.  
Project 40 years old.
2. Recognize and weigh value of wild life and fish and recreation.
3. Consider our great forest resource
4. Consider our great mineral possibilities
5. Consider our great water resource.

STRONG LOCAL SUPPORT

Orofino-Grangeville-Lewiston-Moscow  
Kamiah-Kooskia.

Chamber of Commerce-Local Wildlife Clubs-  
Local Gun Clubs-VFW'S-Granges, Local and  
State-Many Civic Organizations.

Water Resource Committee Study

Made up of large group of civic minded  
citizens.

All types of interest.

STUDY MADE FOR AUTHENTIC INFORMATION ON  
FISH AND WILDLIFE TO ANSWER OPPOSITION

USFS record checked. Orofino-Grangeville  
Hamilton-Missoula.

1948-1949 winter season found to be most  
severe.

Dust taken from this record-valuable

Elk winter ranges studied from joint report of USFS and Ida. State Fish and Game Department.

THIS REPORT - JOINT - SIGNED BY USFS AND STATE.

Conducted by outstanding persons most competent.

Complete-not lacking in detail.

Wildlife people ignor the findings.

MOST CRITICAL WINTER RANGE - 242,000 ACRES AVAILABLE.

WILL LOSE APPROXIMATELY - 8,605 or .035 PERCENT GROSS.

DEDUCT ACREAGE NOT EVER USED AND RESULT - .007%.

SUMMARY ANIMAL COUNT

<u>OUR FINDING</u>	Count	Count
<u>Joint Report</u>		

Bruce's E. Penny C.

Elk Deer Elk Deer

2156 192 10887

Total 13043 Elk

Since report Minor Correction 13119

COMMENT: Bruce's Eddy - 40 counted at  
upper limits pool. Lower limits  
none-not considered.

Unimportant elk area-No Survey

Estimated Scattered Herds 350-  
Elk River to Weippe.

Far Removed-Never in Basin.

Penny Cliffs-Upper Selway Moose  
Creek-Meadow Creek Total 4586.

Lochsa-Upper 2643-located well  
back-1 mile or more and Lower  
Herd Scattered-3808. (Bench Land  
Above Pool) Selway and Lochsa.

SUMMARY-ACREAGE AVAILABLE

TOTAL SUMMER-Bruce's Eddy - 2,160,290

Penny Cliffs 2,450,000.

## Normal Winter -

Bruce's Eddy -	286,400
Penny Cliffs	<u>367,000</u>
Total	653,400 Acres

## WORST WINTER

1 in 50 - pool reduction

Bruce's Eddy 95,000 .4 of 1%

Penny Cliffs 147,000 .7 of 1%

Total 242,000 Acres

## TOTAL WORST ACREAGE LOST - 1948-1949

Bruce's Eddy 3600 Acres Lost

Penny Cliffs 5005 Acres Lost

Total 8605 Acres LostTOTAL NORMAL ACREAGE LOST-NORMAL WINTER

Bruce's Eddy 420 Acres

Penny Cliffs 975 Acres

ACREAGE Bruce's E. Penny C.

GROSS POOL 11,880 17,050

LESS RIVER CHANNEL 2,178 3,031

AGRICULTURAL LAND 4,098 6,150

HIGHWAY, ROCK BLUFF &amp;

PRECIPITIOUS AREA 2,580 2,930

Total LOSS 8,280 12,045

BALANCE AVAILABLE 3,600 5,005

PREVIOUS USE

Summer None None

Normal Winter None '54 None '54

COST TO RESTORE GREATEST POSSIBLE ACRES  
 LOST TO WINTER BROWSE - \$86,000-if need  
 IS THIS WORTH THE LOSS OF PROGRESSIVE  
 DEVELOPMENT.  
STUDY-MUST NOW GO FORWARD.

### 1953 ELK KILL

TOTAL DISTRICT 2-APPROXIMATELY 4500

IN AREA OUTSIDE USFS-Bruce's Eddy-31Elk

IN AREA OUTSIDE USFS-Penny Cliffs-117 Elk

FEW IF ANY OF ABOVE EVEN NEAR POOL AREA.

POOL JEAPORDIZE ELK HERD NOT FACTUAL

### BENEFITS

Development of pool areas will make feed  
 more accessible for predatory animal  
 control.

STILL lake water would lessen elk casualty

Swift river water under slush ice has been  
 bad.

Development of browse area possible if  
 needed.

FOUL HABITAT WOULD DEVELOP (Ducks)



LAKE FISH WOULD BE WELCOME CONTRAST  
LAKE SHASTA PLANTED - Calif. SIMILAR TO  
OURS.

PLANTED WITH KAMALOOPS - ETC.

MANY MAN-MADE LAKES ARE GOOD FISH  
LOCATIONS

RECREATION-BOATING

WILL HAVE SAME STREAM FISHING IF YOU  
PREFER

NO SPAWNING STREAMS LOST.

DOWN STREAM:

Will make navigation possible - Ice Harbor  
will be possible.

Ice Harbor, Bonneville & McNary effective.

Ice Harbor now .89 to 1 - Poor benefit  
cost ratio.

Control floods which have threatened  
lower Clearwater & Columbia.

Lewiston dam would be 300% more effective.

TIMBER RESOURCE:

State & Federal owned timber now not accessible will become valuable.

In N.F. area alone, over 5 billion feet. Much of this is now isolated.

Will permit orderly management of forest - better protection for fire-insect and disease.

NPOWER

1970-will have power for preferred use only.

Without development will resort to steam generators at twice the cost.

BROWN OUTS 1952-1953 costly to mills and mines. 10% reduction meant 50% reduction in same industry with great production costs.

FIRM UP THE RIVERPARTNERSHIP

Federal money hard to obtain.

Competition difficult to fight.

Risk capitol will do the job quicker.

Add tax wealth to Idaho.

Will build project cheaper.

Government.

ie; Downstream power-navigation-re-  
creation--flood control.

ARMY-F.P. Com. & Utility agreement  
needed only with Congress authority

## FLOODS

3 great ones past 60 years.

1894-1933-1948

MUST HAVE FLOOD CONTROL FOR ECONOMIC  
DEVELOPMENT

VALLEY IS ROUTES OF COMMUNICATIONS

Highway - Railroads.

Homes-mills-industry-people depend  
upon these for life.

Cannot exist on uncertain future.

Flood a constant threat.

## ECONOMIC

Northwest is growing-do we go also-  
or be stagnant?

RESOURCE: TIMBER-some will never be  
harvested.

difficult to manage.

INSECT-DISEASE-OLD AGE

bring to development.

AGRICULTURE-Richer economy will  
develop agriculture.

Cattle raising and crop  
process.

WATER-Rich resource-Being  
wasted-Wise use calls for  
greatest use of water all  
the way to sea.

Each foot of drop should  
produce.

1. We are the frontier of development  
in the intermountain west.
2. We have the armour-mineral-timber,  
Agriculture-Water resource-Tourist  
and recreation.
3. We must have the courage and vision  
for a brighter tomorrow or stagnation

THE TRUTH HURTS OPPOSITION

We have our scenic Idaho-will make it  
better.

We have picnic grounds and parks.

Glacier-Yellowstone-Olympic and hundreds more-our Idaho primitive area will remain.