Form 922 B-C
Revised May 1935

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

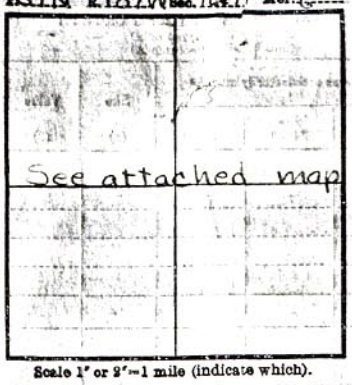
FOREST SERVICE
SHOSHONE
NATIONAL FOREST

Ranger's Copy

INDIVIDUAL FIRE REPORT

"B" AND "C" FIRES
(Read instructions below with care before preparing report)

Forest Shoshone
Ranger Dist. Wapiti
County Park
T. 51N R. 107W Sec. 14 S.E.¼ Mer. 6th



Scale 1" or 2" = 1 mile (indicate which).

*If caused by fuel sparks, give measured distance from point of origin to center of track ____ feet.

Name of Forest Blackwater
Date August 20 1937 (Fire started)
Received ____
Reportable fire ✓ Nonreportable fire ____ (Nonstatistical)
(See instructions—Class C and larger)
Ranger's No. ____ Supervisor's No. (6)

State Wyoming

CAUSE OF FIRE
(Check one)

Lightning ✓
Railroad (not lumbering): Fuel sparks* ____ Other ____ (Specify exam. brakeshoe, clearing right of way, etc.)
Lumbering: Donkeys ____ Railroads,* loaders ____ (Include brakeshoes) Friction ____ (Exclude brakeshoes) Slash burning ____ Other ____ (Specify cause)
Campfire ____
Smokers ____
Débris burning ____ (Not R. R. or lumbering)
Incendiary ____ No. of sets ____ (See instructions)
Miscellaneous: Burning building ____ Power lines ____ Automotive equipment ____ Other ____ (Specify cause)

SOURCE OF PEOPLE RESPONSIBLE
(Check one)

Local ____ Outsider ____

CLASS OF PEOPLE RESPONSIBLE
(Check one)

Traveler ____ Fisherman ____ Hunter ____
Stockman ____ Rancher ____ Miner ____
Timberman ____ Others ____ (Specify class)

PHYSICAL CONDITIONS
(At point of origin)

Ground cover Duff & litter (Duff, litter, slash, brush, grass, reprod., etc.)
Slope 20-30 % Exposure Primarily W (NE., SW., etc.)
Fire started near base ✓ Middle ____ Top of slope ____ Level ____ (Check one)
Altitude, approximate 7700
Material first ignited duff & needles (Grass, rotten wood, needles, snag, duff, slash, moss on tree)
Wind rate Light Direction W (Give velocity in Beaufort scale (see below) When fire first reached)
Wind rate 37-50 Direction SW (Ringing biggest run of fire)
Grazed heavy ____ Medium ____ Light ✓ Ungrazed ____

POINT OF ORIGIN

a. On N. F. lands Yes
b. On other lands inside N. F. ____
c. On protected lands outside N. F. ____
d. On unprotected lands outside N. F. ____
e. Started outside and entered N. F. protection unit ____ (Yes or No)
f. Fought by the F. S. outside the N. F. protection unit, and kept from entering it No (Yes or No)

CHARACTER

	On arrival	Subsequently
Surface fire (See the glossary)		
Duff or ground fire		
Crown fire	✓	✓

CLASSIFICATION
(Check one)

B (Over ¼ A.—less than 10 A.)
C ✓ (10 acres or over)

ACTION TAKEN
(Fill in all spaces)

	Date 1937	TIME RECORD Hour	A. M. P. M.	ELAPSED TIME RECORD Hour	Min.	Instructions
1. Time of origin: Guess ____ Known ✓ (Check to indicate which. Record as known, if known within 15 minutes)	8/18	2.00	P.M.	xx	xx	xxxxxxx
2. First discovered by—Name Pahaska Tepee; Title Cooperator (Primary, L. O. fireman, miner, rancher, etc.); From Pahaska (Smoke chaser, per diem, hunter, etc.) (Name of place). DIST. FROM FIRE ____ feet or 12 miles	8/20	3.35	P.M.	49 (corrected) 48	35	Discovery Time (difference between 1 and 2)
3. Next sighted by—Name R.R. Wisdom; Title Fire Warden; Voluntary ✓ or requested ____ sight; From Blackwater Lodge (Name of place). DIST. FROM FIRE ____ feet or 3 miles	8/20	3.45	P.M.	xx	xx	xxxxxxx
4. Reported to (Includes checking)—Name Charles E. Fifield; Title Dist. Ranger (Party responsible for action); At Wapiti R.S. (Name of place); By clerk at Pahaska (Name of person reporting)	8/20	3.35	P.M.	xx	xx	xxxxxxx
5. First report rec'd by—Name Charles E. Fifield; Title Dist. Ranger (Person to go to fire); At Wapiti Ranger Station (Name of place)	8/20	3.35	P.M.	____	0	✓ Report Time (difference between 2 and 5)
6. Name Charles E. Fifield; Title Dist. Ranger (Of first man to go to fire); Left Wapiti R.S. (Name of place) for fire with 0 (Give number) men	8/20	3.52	P.M.	____	17	✓ Get-away Time (difference between 5 and 6)
7. Traveled 9 (No. of miles or feet) miles by car (Means of conveyance) and 2 (No. of miles or feet) miles by foot (Means of conveyance) Arrived at fire	8/20	5.10	P.M.	1	10	✓ Travel Time (difference between 6 and 7)
8. Travel time includes 0 hrs. 0 min. hunting fire after reaching its vicinity or place it was reported	xxx	xxx	xxx	xx	xx	xxxxxxx
9. Elapsed time from origin to arrival of first man	xxx	xxx	xxx	31 75	10	✓ Difference between 1 and 7
10. Elapsed time from first discovery to arrival	xxx	xxx	xxx	1	35	✓ Difference between 2 and 7
11. Name Bryan Sullivan Title Foreman (Of person first starting work or of man in charge if a crew begins work) with 0 men started work	8/20	5.15	P.M.	75	15	✓ Start to first work (difference between 1 and 11)
12. Reinforcements arrived: First 50 (Number) men at 8/20 1.00 P.M. (Hour and date) Second 50 (Number) men at 8/21 2.30 A.M. (Hour and date)	First Reinforcements			2	25	✓ Difference between 2 and 12
13. Fire corralled (the spread stopped by linework or natural barriers—often some mop up yet to be done)	8/24	10.00	A.M.	88	50	✓ Corral Time (difference between 7 and 13)
14. Fire controlled (control line completed and mopped up to point of safety)	8/24	12.00	A.M.	90	50	✓ Control Time (difference between 7 and 14)
15. Fire out (all men released)	9/30	5.00	P.M.	893	—	✓ Difference between 14 and 15

16. Probable area when discovered 2 ac. (Acres or sq. ft.) Area when reached 15 ac. (Acres or sq. ft.) Final area 12.54 (Acres) Maximum number men engaged at one time 14 (Year long forest officers) 480 (All others)
17. Approximate number of man-hours (exclusive of travel time): To corral 3730. Mop up and patrol 9160. (After corralling) Total 14,890.
18. Approximate length of line actually built to corral 61.7 (Chains) Approximate length of control line lost 48 (Chains) Perimeter of fire when reached 200 (Chains) When corralled 91.7 (Chains) When controlled 91.7 (Chains)
19. Number of chains of fire line built per man-hour up to time of corralling 11 chains. (Exclude primary travel time. Include all men on the fire—laborers, cooks, F. O.'s, etc.)

(Name of owner of land where fire started) ____

LAW ENFORCEMENT RECORD
(If no action taken on man-caused fire explain why on back of form)

Fire actionable ____ Nonactionable ____ (See the definition below)
Criminal case: Won ____ Lost ____ Pending ____
Individuals responsible: Known ____ Suspected ____
Civil case: Won ____ Lost ____ Pending ____
Name and address ____
Settled out of court ____
Amount collected: Fines, $ ____ Damages, $ ____

VISIBILITY.—Is the point where the fire started, in:

	Number of Fire Control Stations 1	2	3
Direct visibility from— (See instructions below)			
Indirect visibility from—			
In a blind area			

(P) AREA BURNED—ACRES—TYPES—DAMAGE

Use C. A. S. Form 2 first. Show only one timber type and major cover type only in blocks A, B, C, D, if applicable, and in column (7). Use cruise estimates and omit the map unless values are involved.

(Follow instructions below for each column—entries should be to nearest whole dollar or whole acre)

FIRE STARTED IN DF TYPE (Timber) (Supervisor will enter the "Rating," "Zone," and "Value" figures) FIRE STARTED IN Cutover Forest FUEL TYPE (Grass, brush, cutover, etc.)

MAJOR TIMBER TYPE (See instructions for symbols)	A TOTAL AREA (ACRES)	B NONPRODUCTIVE FOREST OR AREA (Subdivision of column A)				C MATURE OR MERCHANTABLE (Exclusive cut-over areas—E) (Subdivision of column A)				D REPRODUCTION OR YOUNG GROWTH (Other vegetable types only) (Subdivision of column A)				
		No forest or protection value (acres) (4)	Protection forest or area: Acres (5)	Rating (6)	Value (7)	Acres (8)	Acres, cruise (9)	M B. M. killed (10)	Value (11)	(12) Acres satisfactorily stocked: Age 1-20	Age 21-40	Age 41-60	Site (13)	Value (14)
National Forest: DF	1254	-	418	-	418	836		4,180	14,630	-	-	-	-	-
(12) Total net N. F.	1254	-	418	-	418	836		4,180	14,630	-	-	-	-	-
Other lands inside														
(13) Total other inside														
(14) Total within N. F. boundaries (Lines 12+13)														
Outside (15) Protected														
Outside (16) Unprotected														
(17) Grand total (Lines 14, 15, 16)	1254	-	418	-	418	836		4,180	14,630	-	-	-	-	-

(P)—Continued. (Note that all figures in parenthesis are triplications. See instructions below)

MAJOR TIMBER TYPE (Continued) (See instructions for symbols)	E CUT-OVER (Subdivision of column A): Year cut (15)	Slash burned (Acres) (16)	Slash not burned (Acres) (17)	M B. M. killed mature trees (18)	Value of mature trees (19)	F MISCELLANEOUS AREAS ("Old burn"..... Blow down..... Bug killed..... Plantations..... (Check one) (Subdivision of column A): Type of burn, blow down, etc. (20)	Acres: Stocked (21)	Acres: Unstocked (22)	Plantation value (23)	G LIVESTOCK FORAGE (Subdivision of col. A): Acres (24)	Value (25)	All values by types (values 1 to 6, inclusive) (7)	Of total area burned in each timber type, how many acres of complete kill? (26)	Acres burned due to avoidable errors in fire control methods (27)
National Forest: DF	-	-	-	-	-	-	-	-	-	-	-	15,048	950	-
(12) Total net N. F.	-	-	-	-	-	-	-	-	-	-	-	15,048	950	-
Other lands inside														
(13) Total other inside														
(14) Total within N. F. boundaries (Lines 12+13)														
Outside (15) Protected														
Outside (16) Unprotected														
(17) Grand total (Lines 14, 15, 16)	-	-	-	-	-	-	-	-	-	-	-	15,048	950	-

(8) Improvements and other values, $ 0 (9) Recreation values, $ 0 (10) Game values, $ 0 (11) Grand total values, $ 15,048

† If only one type is involved, the figures need not be carried down and repeated in the total columns 12, 13, 14, and 17.

(Q) SUPPRESSION COSTS

(See instructions)

DIRECT COSTS FROM FOREST SERVICE AND DEPOSITED OR OBLIGATED COOPERATIVE FUNDS

ITEMS	COSTS
(a) Labor (salaries or wages)	
(b) Subsistence supplies	
(c) Other supplies	
(d) Equipment	
(e) Transportation	
TOTAL OF ABOVE	
(f) Salary and expense of forest officers	
GRAND TOTAL (g)	

(h) DISTRIBUTION OF GRAND TOTAL (g) BY FIRES ON BASES OF AREA OF EACH CLASS OF LAND BURNED

CLASS	COSTS
National forest land	
Private land inside	
Outside land	
TOTAL SAME AS (g)	

For fires on private land attach slip showing for each ownership:
Area burned ....., and owner .....

COSTS NOT PAID FROM FOREST SERVICE, OBLIGATED OR DEPOSITED COOPERATIVE FUNDS

(i) NAME OF COMPANY OR PERSONS OR CHARACTER OF SERVICES GIVEN	SERVICE AND VALUE: MAN-HOURS	VALUE	VALUE OF OTHER SERVICES	TOTAL

(j) FOREST OFFICERS' TIME, SALARY, AND EXPENSE (see instructions)

NAME	TITLE	HOURS	COST

(R) ANALYSIS OF ACTION TAKEN, ETC.—Continued

1. CONTROL: 1. Special equipment used. 2. Back pack pump 2,160 (Acres) 3. Tank truck ..... (Number) 4. Horse and plow ..... (Chained) 5. Tractor ..... (Chained)
6. Power pump 2 Pumps 69 (Chains) 7. Other ..... (Specify) 8. Successful 6-2 (Count applicable numbers, see explanatory notes) 9. Used for original attack 6 (2) or 10. Mop up 6-2

11.

Methods used ——→	Blast	Two-hot	Parallel	Indirect
Approx. amt. of line built (mi. or chs.)	190 chs	247 chs	220 chs	
Approx. amt. of line lost (mi. or chs.)				

Reasons for answer:
Plow Rough topography made it impractical
Pumps (back pack, power)
Tractor Topography too rough

L. SPEED OF LINE CONSTRUCTION: 1. If any of the following could have speeded up line building, check. 2. Narrower line ..... 3. Use of horse and plow .....
4. Use of power equipment ..... 5. More hoses ..... 6. More felling and cutting tools available ..... 7. Burning out line as rapidly as constructed ..... 8. Minimizing man power on patrol through assigning definite individual marked beats ..... 9. Length of road, trail, driveway, etc., used as hold fire line: Road ..... (Chained) Trail ..... (Chained) Driveway ..... (Chained) Other ..... (Chained) Water ..... (Chained) Firebreak ..... (Chained) 10. Were any of these available and not used? No
11. Why? ..... 12. Better detailed location of line to avoid difficult or dangerous construction or to shorten length of line ..... 13. Less width in clearing trees and brush for the control line ..... 14. Use of lights to facilitate night work ..... 15. Other .....

Remarks: .....

Are areas repeated in triplicate in section (P) shown properly in parenthesis? ..... Nonparenthesized totals of subdivisions equal column A total? .....

EXAMINED AND APPROVED
Date 11/20/37, 19..
John Seeber
Supervisor.

Is this fire being reported to the State by any other agency? No (Yes or No) October 12, 1937 (Date report is submitted)
..... (Name of agency)
Charles E. Mitchell (Signature of reporting officer)

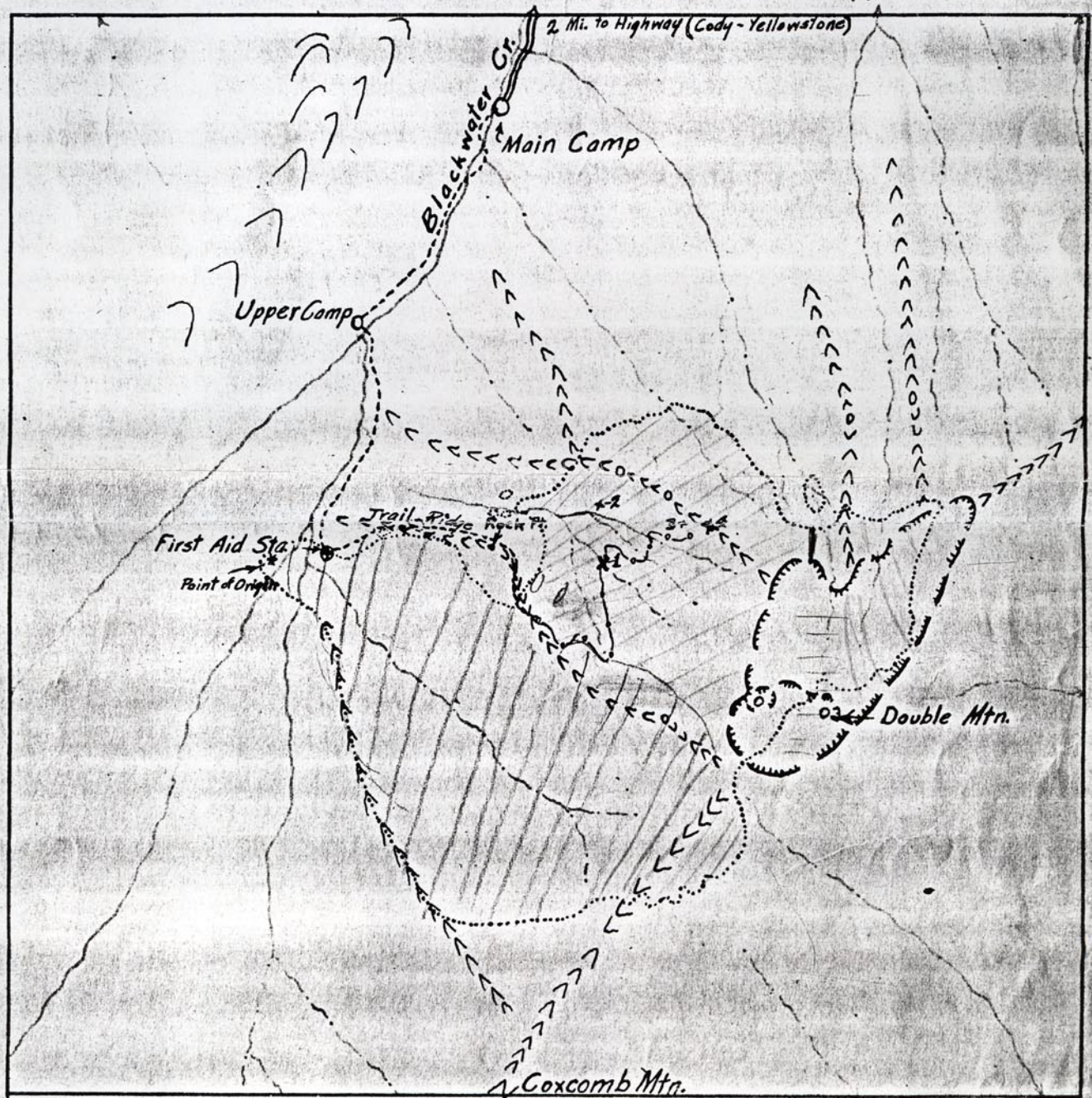
U. S. GOVERNMENT PRINTING OFFICE 8—27559

SHOSHONE NATIONAL FOREST.

SKETCH MAP BLACKWATER FIRE OF AUG. 20 1937.

Scale - 2" = 1 Mi.

Approx. Secs. 3,4,8,9,16,17 Uns. T 51 N, R 107 W. 6 P. Mer. Approx. Area 1700A.



---- Trail

..... Perimeter of Fire - Final

—o—o Fire Line Lost at Time of Tragedy.

x - Points at which casualities occurred.

1 - 7 Fatalities, 2-3 one fatality each.

4 - Post's Point.

Friday [illegible] 8/29/37

Saturday

Sunday