

Boulder District
936 Left Hand Canyon Drive
Boulder, Colorado 80302
(303) 442-0428

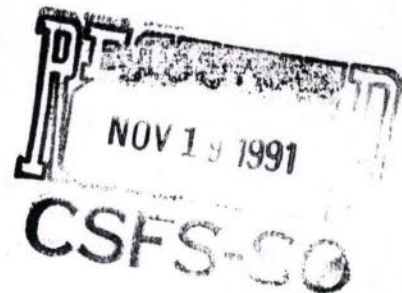
MEMORANDUM

DATE: November 15, 1991
TO: Tom Ostermann
FROM: Doug Stevenson *DJS*
RE: Attached survey records

These copies of survey records were given to me by Dave Tully, a local surveyor. They describe the corners in the south line of the Ward Section and some nearby corners.

I don't know whether these should go to you or to the Land Board, but either way, here they are.

/mm



COLORADO LAND SURVEY MONUMENT RECORD

REPORT ONE MONUMENT ONLY ON THIS FORM
REPRODUCTION OF THIS FORM IS AUTHORIZED.

All items to be filled in by the Land Surveyor using permanent black lettering and lines which can be reproduced. (Except)*

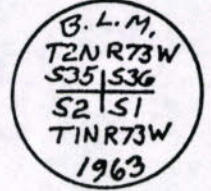
1. TYPE OF MONUMENT
(Check one)

Section Corner
 Quarter Corner

Bench mark
 Other _____

2. DESCRIPTION OF MONUMENT FOUND.

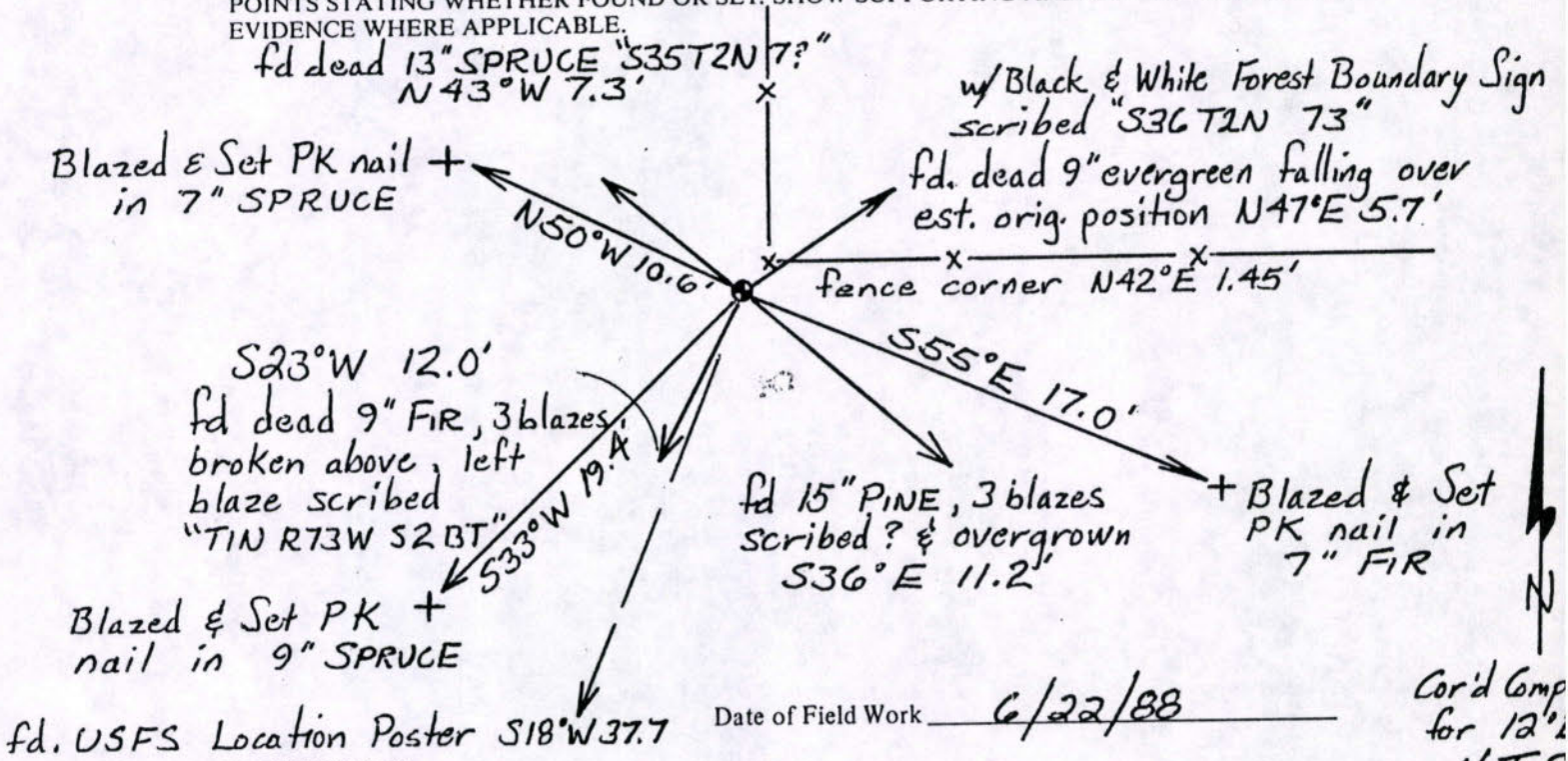
⊕ found 1963 B.L.M. 3/4" Brass Cap
in mound ± 20 rocks



3. DESCRIPTION OF MONUMENT ESTABLISHED BY YOU TO PERPETUATE THE LOCATION OF THIS POINT.

+ added accessories as shown below

4. SKETCH SHOWING RELATIVE LOCATION OF MONUMENT ACCESSORIES AND REFERENCE POINTS STATING WHETHER FOUND OR SET. SHOW SUPPORTING AND/OR CONTRADICTORY EVIDENCE WHERE APPLICABLE.



5. CERTIFICATION
This is to certify that I was in responsible charge of the surveying work described in this record and that to the best of my knowledge the information presented herein is true and correct.

Signature David M. Tully
Firm Name: _____
Phone: 888-6274

Date 6/29/88

*(Do not fill in)

Accepted for Filing

State Board of Registration for Professional Engineers and Land Surveyors:

By _____

Date _____

RECEIVED AT OFFICE OF THE COUNTY CLERK;

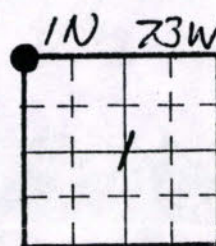
_____ COUNTY

By _____

Date _____

Record to be filed by Index Reference Number, numerically, then alphabetically, under appropriate Township, Range, and Meridian.

6. LOCATION DIAGRAM
1" = 1 Mile



• = Location of Monument



Surveyor's Seal

7. SEC. 1, T 1N, R 73W, 6th P.M.
COUNTY Boulder INDEX REF. NO. 21-Z

8. SEC. _____, T _____, R _____, _____ P.M.
COUNTY _____ INDEX REF. NO. _____

COLORADO LAND SURVEY MONUMENT RECORD

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All items to be filled in by the Land Surveyor using permanent black lettering and lines which can be reproduced. (Except)*

1. TYPE OF MONUMENT (Check one)
- Section Corner Bench mark
- Quarter Corner Other 1/16 CORNER

2. DESCRIPTION OF MONUMENT FOUND.

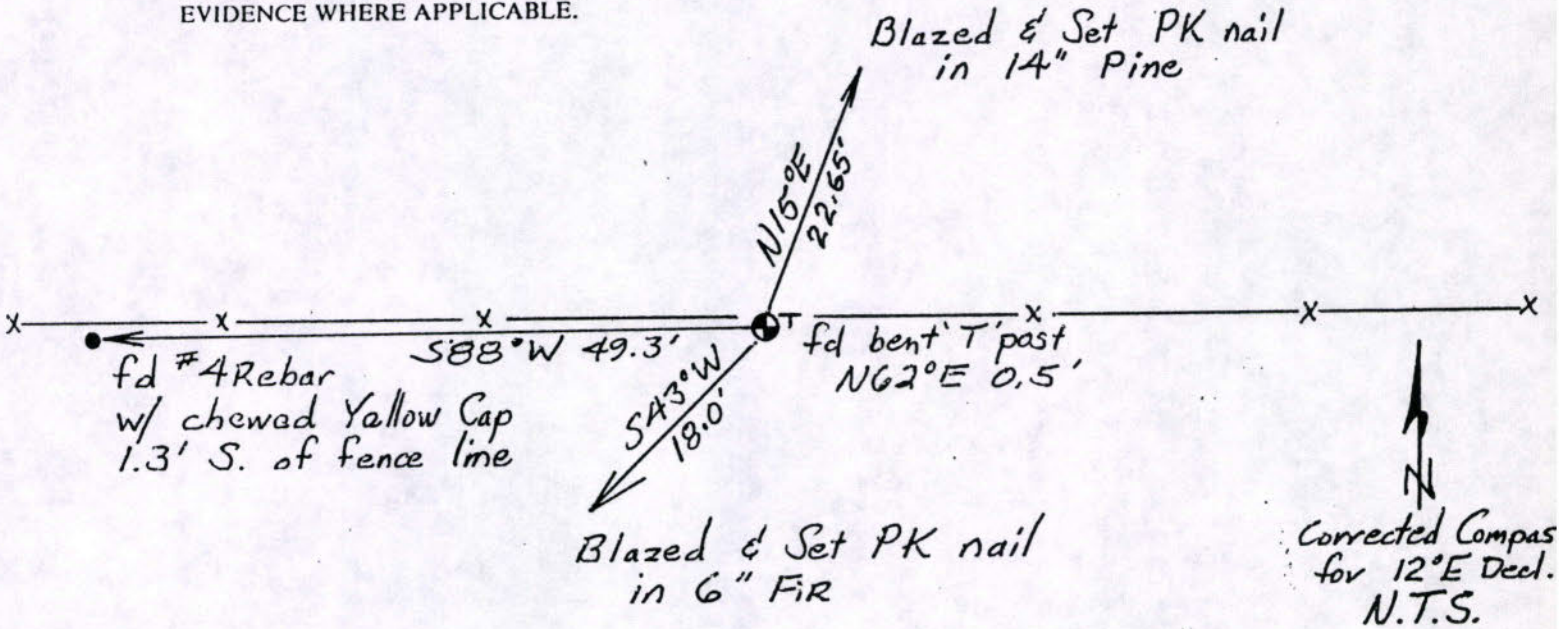
No sign of or record of a previous monument

3. DESCRIPTION OF MONUMENT ESTABLISHED BY YOU TO PERPETUATE THE LOCATION OF THIS POINT.

set 2 1/2" x 30" flared alu. pipe with 3/4" alu. cap & magnet 0.6' out of the ground; raised a mound of rocks around it. - 0.2' South of fence line



4. SKETCH SHOWING RELATIVE LOCATION OF MONUMENT ACCESSORIES AND REFERENCE POINTS STATING WHETHER FOUND OR SET. SHOW SUPPORTING AND/OR CONTRADICTORY EVIDENCE WHERE APPLICABLE.



Date of Field Work 6/29/88

5. CERTIFICATION

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Signature *David M. Tully*

Firm Name: _____

Phone: 888-6274

Date 6/29/88

(Do not fill in)

Accepted for Filing

State Board of Registration for Professional Engineers and Land Surveyors:

By _____

Date _____

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_____ COUNTY

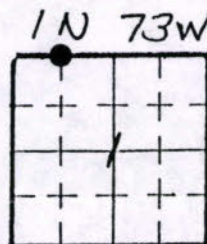
By _____

Date _____

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6. LOCATION DIAGRAM

1" = 1 Mile



• = Location of Monument



Surveyor's Seal

7. SEC. 1, T 1N, R 73W, 6th P.M.
COUNTY Boulder INDEX REF. NO. 22-Z

8. SEC. _____, T _____, R _____, _____ P.M.
COUNTY _____ INDEX REF. NO. _____

COLORADO LAND SURVEY MONUMENT RECORD

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1. TYPE OF MONUMENT (Check one) Section Corner Bench mark
 Quarter Corner Other _____

2. DESCRIPTION OF MONUMENT FOUND.

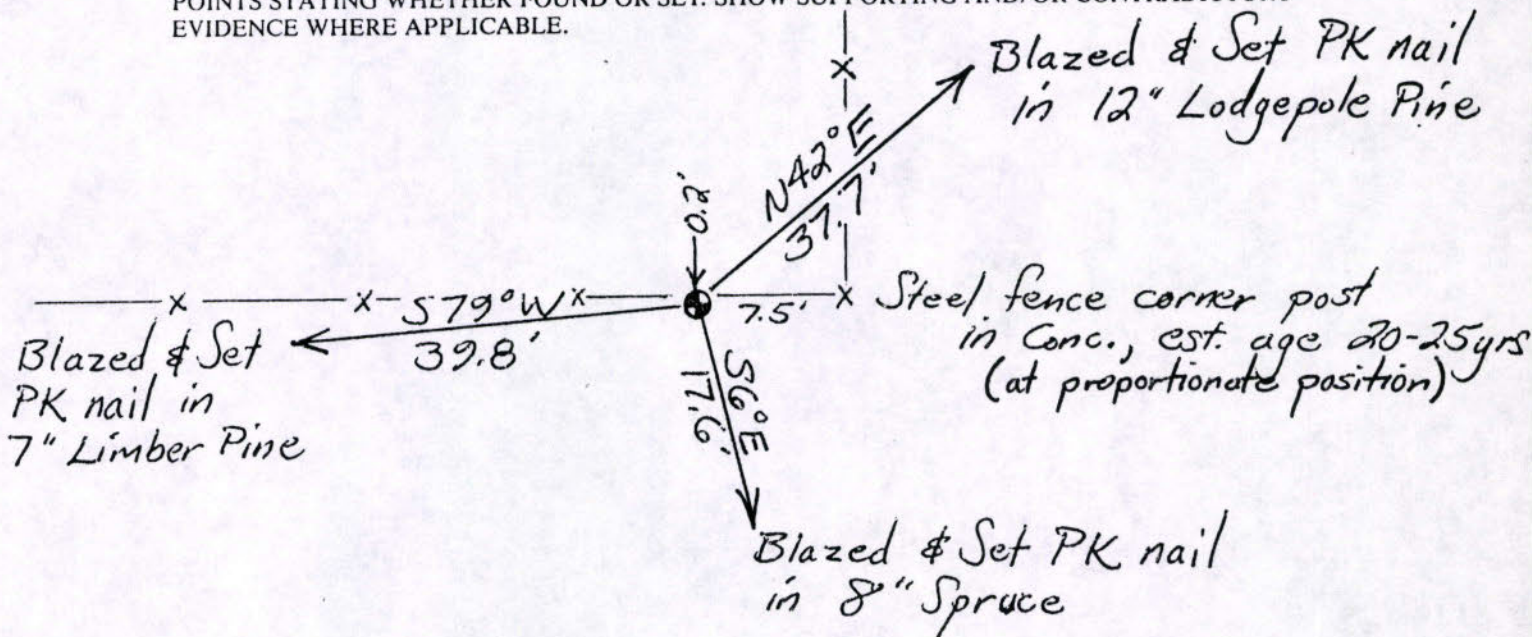
J.P. MAXWELL, 1874 ORIG. "Set a granite stone 16 x 12 x 10 for 1/4 Sec. cor between Section 1 and 36"
-fd 10" x 10" x 12" granite (3" out of ground) with "4" chiseled on N. face

3. DESCRIPTION OF MONUMENT ESTABLISHED BY YOU TO PERPETUATE THE LOCATION OF THIS POINT

at center of granite set 2 1/2" x 30" flared alu. pipe with 3 1/4" alu. Cap; raised mound around it with orig. granite on W. side of pipe



4. SKETCH SHOWING RELATIVE LOCATION OF MONUMENT ACCESSORIES AND REFERENCE POINTS STATING WHETHER FOUND OR SET. SHOW SUPPORTING AND/OR CONTRADICTORY EVIDENCE WHERE APPLICABLE.



Date of Field Work 6/24/88

5. CERTIFICATION

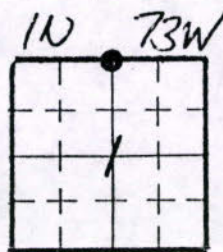
This is to certify that I was in responsible charge of the surveying work described in this record and that to the best of my knowledge the information presented herein is true and correct.

Signature David M. Tully
Firm Name: _____
Phone: 442-7212

Date 7/6/88

6. LOCATION DIAGRAM

1" = 1 Mile



• = Location of Monument



Surveyor's Seal

*(Do not fill in)

Accepted for Filing

State Board of Registration for Professional Engineers and Land Surveyors:

By _____

Date _____

RECEIVED AT OFFICE OF THE COUNTY CLERK;

_____ COUNTY

By _____

Date _____

Record to be filed by Index Reference Number, numerically, then alphabetically, under appropriate Township, Range, and Meridian.

7. SEC. 1, T 1N, R 73W, 6th P.M.
 COUNTY BOULDER INDEX REF. NO. 23-Z
8. SEC. _____, T _____, R _____, _____ P.M.
 COUNTY _____ INDEX REF. NO. _____

COLORADO LAND SURVEY MONUMENT RECORD

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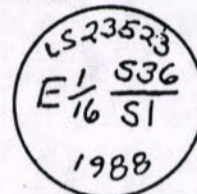
1. TYPE OF MONUMENT (Check one) Section Corner Bench mark
 Quarter Corner Other 1/16 CORNER

2. DESCRIPTION OF MONUMENT FOUND.

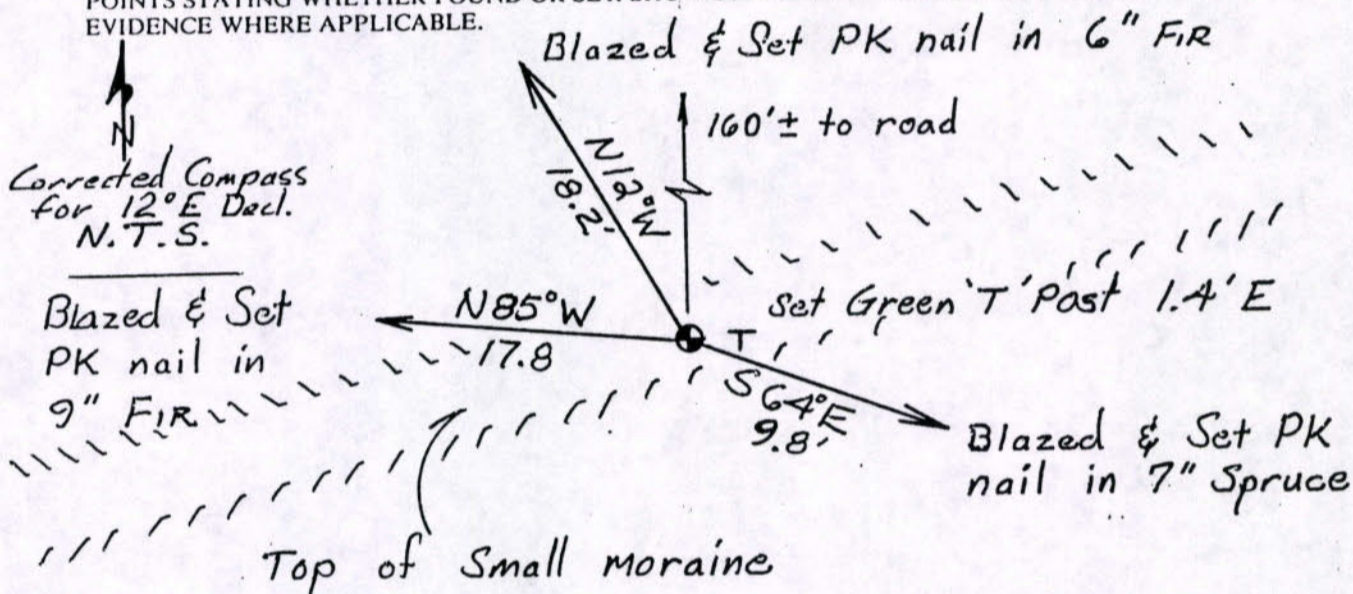
No sign of or record of a previous monument

3. DESCRIPTION OF MONUMENT ESTABLISHED BY YOU TO PERPETUATE THE LOCATION OF THIS POINT.

Set 2 1/2" x 30" flared alu. pipe with 3/4" alu. cap & magnet; raised a mound of rock around it.



4. SKETCH SHOWING RELATIVE LOCATION OF MONUMENT ACCESSORIES AND REFERENCE POINTS STATING WHETHER FOUND OR SET. SHOW SUPPORTING AND/OR CONTRADICTORY EVIDENCE WHERE APPLICABLE.



Date of Field Work 6/30/88

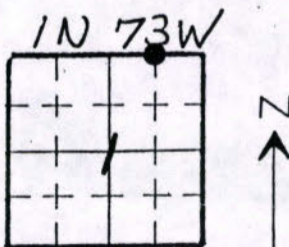
5. CERTIFICATION

This is to certify that I was in responsible charge of the surveying work described in this record and that to the best of my knowledge the information presented herein is true and correct.

Signature David M. Tully
 Firm Name: _____
 Phone: (303) 888-6274

Date 7/29/88

6. LOCATION DIAGRAM
1" = 1 Mile



• = Location of Monument

Surveyor's Seal

7. SEC. 1, T 1N, R 73W, 6th P.M.
 COUNTY Boulder INDEX REF. NO. 24-Z
8. SEC. _____, T _____, R _____, _____ P.M.
 COUNTY _____ INDEX REF. NO. _____

*(Do not fill in)

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Date _____

RECEIVED AT OFFICE OF THE COUNTY CLERK;

_____ COUNTY

By _____

Date _____

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COLORADO LAND SURVEY MONUMENT RECORD

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1. TYPE OF MONUMENT
(Check one)

Section Corner
 Quarter Corner

Bench mark
 Other 1/16th CORNER

2. DESCRIPTION OF MONUMENT FOUND.

• Found 1960 B.L.M. 1 1/2" Copper Weld cap on 5/8" smooth steel pin



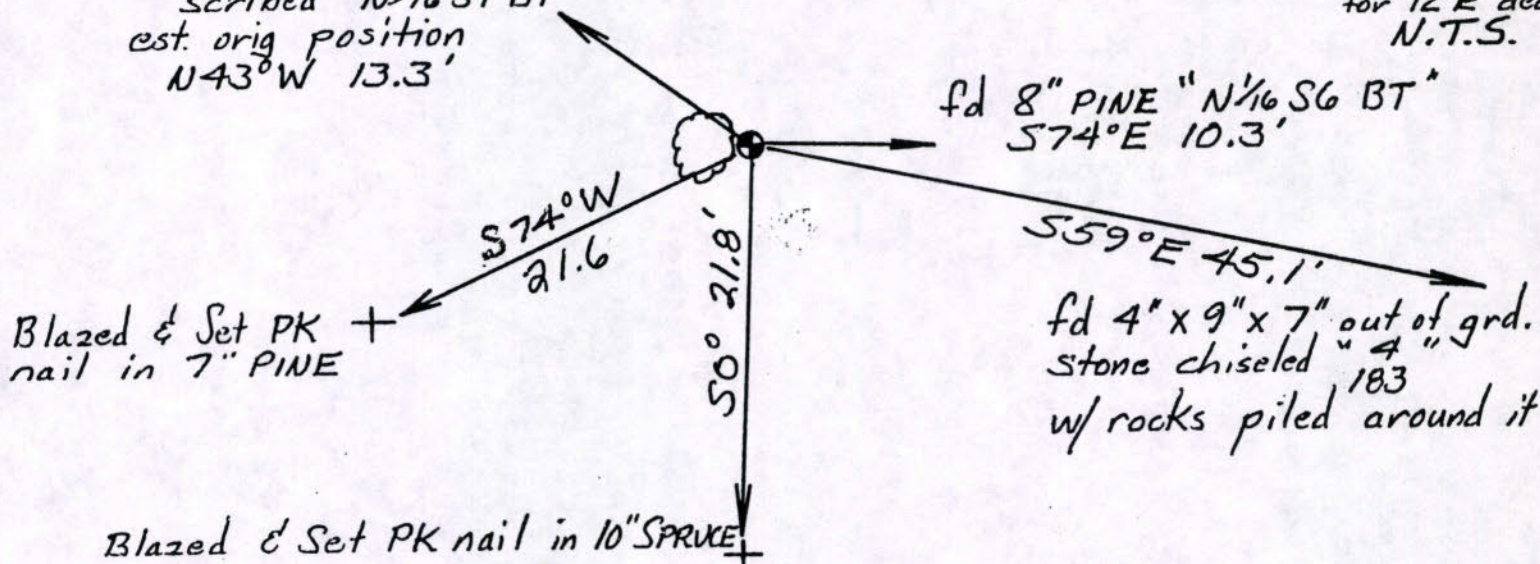
3. DESCRIPTION OF MONUMENT ESTABLISHED BY YOU TO PERPETUATE THE LOCATION OF THIS POINT.

+ added accessories as shown below

4. SKETCH SHOWING RELATIVE LOCATION OF MONUMENT ACCESSORIES AND REFERENCE POINTS STATING WHETHER FOUND OR SET. SHOW SUPPORTING AND/OR CONTRADICTIONARY EVIDENCE WHERE APPLICABLE.

found 14" PINE falling over scribed "N 1/16 S1 BT" est. orig position N43°W 13.3'

Cor'd Compass for 12°E decl N.T.S.



Date of Field Work 6/22/88

5. CERTIFICATION

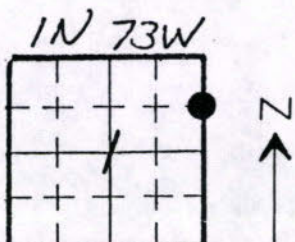
This is to certify that I was in responsible charge of the surveying work described in this record and that to the best of my knowledge the information presented herein is true and correct.

Signature David M. Tully
Firm Name: _____
Phone: 888-6274

Date 6/29/88

*(Do not fill in)
Accepted for Filing
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Date _____
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_____ COUNTY
By _____
Date _____
Record to be filed by Index Reference Number, numerically, then alphabetically, under appropriate Township, Range, and Meridian.

6. LOCATION DIAGRAM
1" = 1 Mile



• = Location of Monument

7. SEC. 1, T 1N, R 73W, 6th P.M.
COUNTY Boulder INDEX REF. NO. 25-Y
8. SEC. _____, T _____, R _____, _____ P.M.
COUNTY _____ INDEX REF. NO. _____

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1. TYPE OF MONUMENT (Check one)
- Section Corner Bench mark
- Quarter Corner Other _____

2. DESCRIPTION OF MONUMENT FOUND.

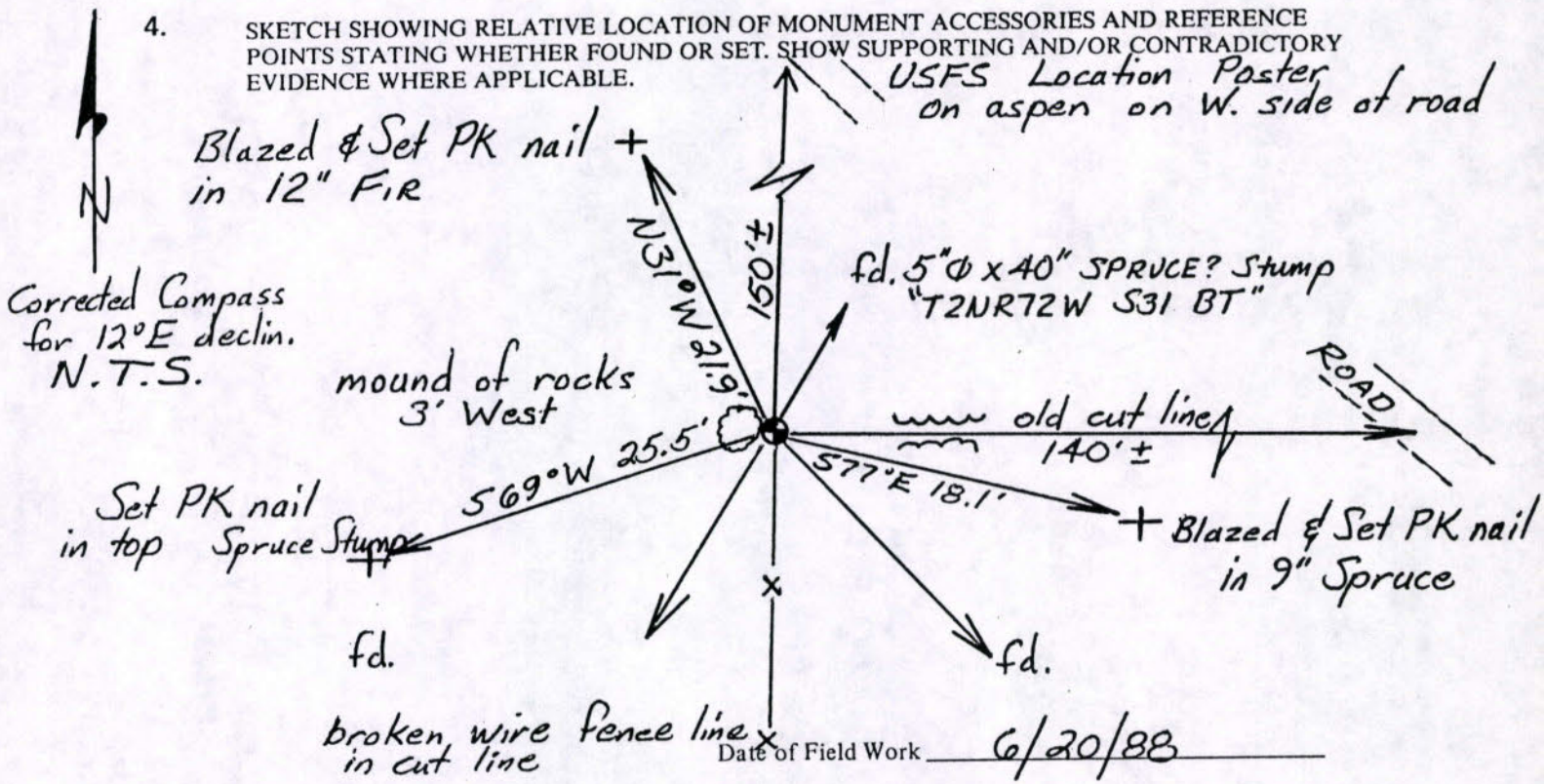
G.L.O.
R73 R72
S36 S31
S1 S6
T1N
1941

● found 1941 G.L.O. 3 1/2" Brass Cap
10" out of ground in mound ± 6 rocks
w/ 4' Ø mound of rocks 3' West

3. DESCRIPTION OF MONUMENT ESTABLISHED BY YOU TO PERPETUATE THE LOCATION OF THIS POINT.

+ added accessories as shown below

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Signature: David M. Tully

Firm Name: _____

Phone: 888-6274

Date: 6/29/88

(Do not fill in)

Accepted for Filing

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Date _____

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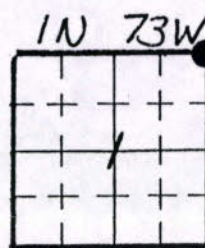
_____ COUNTY

By _____

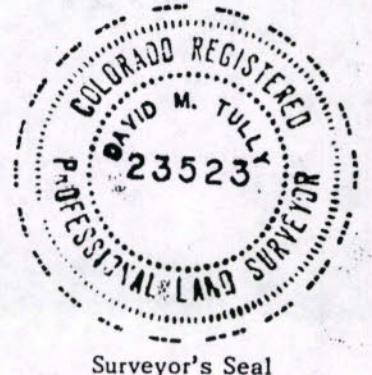
Date _____

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6. LOCATION DIAGRAM
1" = 1 Mile



• = Location of Monument



7. SEC. 1, T 1N, R 73W, 6th P.M.
COUNTY Boulder INDEX REF. NO. 25-Z

8. SEC. _____, T _____, R _____, _____ P.M.
COUNTY _____ INDEX REF. NO. _____

State Land Management Plan

E½ S36 T2N R73W

September 1982

Ron Gosnell
Boulder District Forester

FEB 26 1985

CSFS-SO

GENERAL

This one-half section is three-fourths mile north, north-west of Ward, Colorado. Elevation averages 9,270 ft. MSL. Terrain is relatively flat, from 0 to 20% slope, mostly east, north-east, and south-east aspects. The section is divided by the South St. Vrain River. The Gold Lake diversion, which takes South St. Vrain River water into Chipmunk Gulch and then to Gold Lake, is located on this tract. Tree vegetation is diverse, and includes lodgepole and limber pine, aspen, Engelmann spruce, and subalpine fir. Willows border the South St. Vrain River bed. Lodgepole pine and aspen predominate on the northern two-thirds of the one-half section. The soil is rocky, and small ridges and valleys, running east and west, cover the area south of the river. It appears these features were glacier formed, and they give rise to extreme variations in vegetation. On lower areas with deep soil and good moisture retention, large spruce and fir occupy the site. Aspen and limber pine predominate on the higher areas. The one-half section is leased by the State Land Board to Mr. Wolf and Mr. Tool, Denver residents, for recreation. Due to the proximity of numerous trails on adjacent National Forest public land, there are frequent visitors through the section. A two-wheel drive road enters the area from Colorado Highway 52, leads west, and dead ends at a church camp. Access to the north two-thirds, north of the river, must be gained across a deteriorated bridge, and then 4-wheel drive only access. Numerous foot trails and old logging roads cover the area. Evidence of past timbering exists. Old stumps, cut with hand saws and axes are present everywhere.

MANAGEMENT OPPORTUNITIES

This one-half section is beautiful. Many wildlife species reside here or use the land. On September 22, 1982, a person camping near by reported catching native brown trout in the river. Elk bugleing was heard, fresh deer and elk dropping and tracks were observed, cottontail rabbit, grey squirrel, hawks, ground squirrel, camp robbers, steller jays, sap suckers, and nut hatches were seen this day while marking trees. Bird cavities are numerous on snags, and beaver were recently trapped off the river to reduce aspen damage. A wildlife inventory would include many more species. People use the area for recreation. A good tree crop exist. The area is productive for many uses. A major watershed management diversion exists here, and due to present dense timber conditions, watershed yield increases would be possible through vegetative management. The challenge in managing this area is to preserve the area's positive conditions, use the opportunities to increase benefits, and improve the forest.

RECOMMENDATIONS

Wildlife Habitat: Based on conversations with Colorado Division of Wildlife officer Ron Ohlkers, a holistic approach to improving conditions for wildlife is appropriate. Maintain or develop more diversity in the timber stands. For example, in the dense lodgepole pine, keep some areas dense, thin others to different densities, and patch cut so as to develop different tree age groups. Patch cutting aspen will create regeneration and browse for deer and elk. Increase edge effect between contrasting conditions. Since present stands are uniform in tree age and density, only timber type changes create edge. New edge conditions can be created by thinning conifer stands adjoining uncut aspen, patch cut aspen or conifer stands next to uncut aspen or conifer stands, thin and patch cut conifer stands surrounded by or adjacent to uncut conifer or aspen. Increased diversity will create favorable habitat conditions for a greater variety of wildlife. Some areas should be left dense as wildlife cover. Maintain uncut buffer strips near streams to reduce stream pollution (sediment). The upper South St. Vrain River is isolated by a diversion from down stream flow (where stocking occurs). This affords an opportunity to encourage native brown and possibly greenback trout populations to develop.

Scenic Conditions: The Indian Peaks region provides a spectacular background to the west, and the eastern plains and mountains eastward also provide broad panoramas. Due to dense timber stands few vistas exist looking east or west. Thinning trees or making small clearings at certain locations would improve the view for area visitors. Patch cutting aspen should be conducted periodically to encourage the perpetuation of this colorful species. When conifers begin to encroach in the stand or when disease and old age begin to degenerate the stand, patch cutting is appropriate.

Recreation: Passive recreation enjoyment is enhanced when mechanical activity and equipment noise is absent or at least at a minimum. Also extensive disturbance to the forest is usually not enjoyed by visitors seeking solitude. Tree cutting areas should be relatively small in size, and remain isolated from the more well traveled areas. Thinnings should not appear like a "plantation" with even spacing, but be varied in both density and tree size. Protect unusually shaped trees and especially large or old trees for their individuality. During forestry work, areas should be temporarily posted with the expected completion time and a phone number where interested parties may call for further information. Contract times for forestry work should coincide with reasonable, but minimal time periods for completion of work. The leasees should be consulted about avoiding unnecessary impacts due to forestry work.

Watershed Management: Timber stands are generally dense and uniform. Snow deposition on the ground can be increased by removing vegetation in patches, or thinning trees to minimize moisture interception by the crowns. Vegetative management guidelines for watershed management as presented in Watershed Management in the Central Rocky Mountains, U.S.D.A. research paper RM 142 should be followed, consistent with constraints necessary to achieve other management goals. By completion of the first or second year's forestry work, some formal study on possible watershed yield increases on this tract should be investigated.

Timber: Numerous fungus diseases were observed in aspen and spruce, sub-alpine fir was dying in groves due to an unknown cause, and decay is occurring with accompanying wind fall in some old growth spruce and fir stands. Mistletoe was observed on lodgepole. Tree growth is slow even on better sites due to overcrowding. The quality of the timber should be improved by favoring disease free trees in all age and size classes. Develop mixed age and mixed species stands to reduce the likelihood of insects or disease killing an entire stand. Favor spruce where present and regenerate aspen when stands show evidence of dying out or encroachment by conifers. Keep stands dense enough to avoid windthrow on windy sites. Density can be lowered more on wind protected sites. Reduce fuel loading with product removal, and treat slash to stimulate breakdown and incorporation of organic matter into soil. Work on relatively small tracts each year to reduce cutting impacts, and over a ten year period, tree improvement work should be conducted on an average of 20 to 30 acres of forest each year.

15-56

PS-8-34



(E $\frac{1}{2}$) S36 T2N R73W

↑ N

T 2N, R 73W

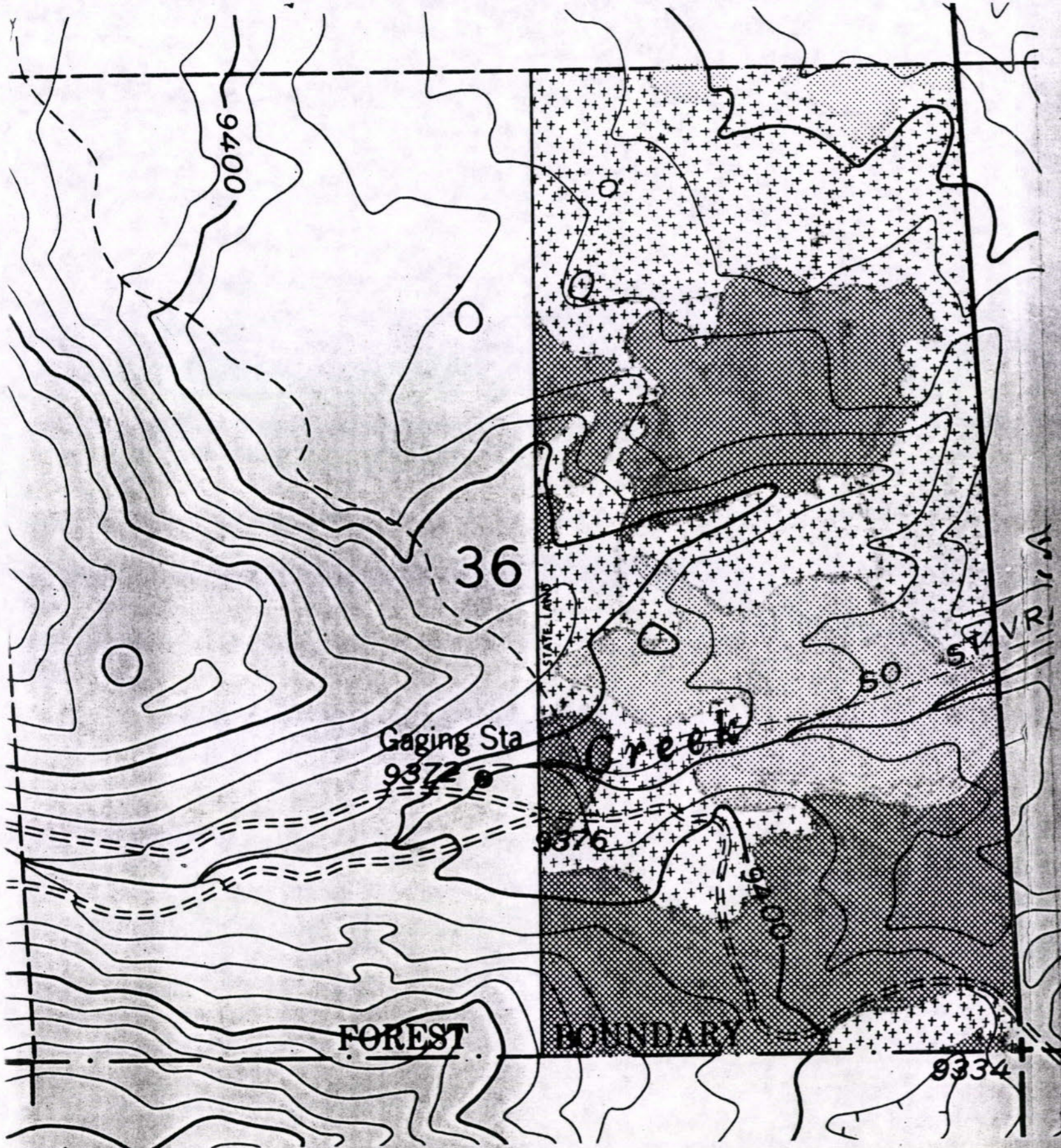
STATE LAND RESOURCE INVENTORY REPORT
Colorado State Forest Service

Field work completed June 1973




Section corner:

Southeast corner - The southeast corner is located 138 feet from the road with a compass bearing of 264° west of a flagged tree.

Northeast corner - The northeast corner is a brass cap which was not indicated on the $7\frac{1}{2}'$ quad, topographic map.



Vegetation Legend

-  Lodgepole pine 58 78487
-  Spruce-fir 118 141 37
-  Aspen 148 125 43