



BASIS OF BEARINGS:
S.N. 6343

Section Corner
Fd. 1979 C.S.
Brass Cap flush

Section Corner
Fd. 1941 Army
Brass Disk in
Concrete Pedestal
1\"/>

Section Corner
Fd. 1941 Army
Brass Disk in
Concrete Pedestal
12\"/>

Section Corner
Fd. 1941 Army
Brass Disk in
Concrete Pedestal
12\"/>

Section Corner
Fd. 1941 Army
Brass Disk in
Concrete Pedestal
12\"/>

Section Corner
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12\"/>

Section Corner
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Brass Disk in
Concrete Pedestal
12\"/>

DETAIL: NO SCALE

PLAT OF SURVEY

Located in the SE 1/4 of Section 22, T.36S., R.1W., W.M.
Jackson County, Oregon

SURVEYED FOR: Jackson County

SURVEYED BY: Jackson County Surveyor's Office
Room 306 - County Courthouse
Medford, Oregon 97501

February 9, 1987

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Edward W. McInty
022307
JULY 10, 1953
EDWARD W. MCINTY
301

LEGEND

- SCALE: 1" = 600'
- x—x—x Indicates Fence Lines
 - - Indicates Standard Army Engineer's 6" x 6" Concrete Pedestal with 3" diam. Bronze Disk Found
 - ⊙ - Indicates 1" x 26" Galvanized Iron Pipe with 2 1/2" Brass Cap set (see narrative)
 - - Indicates 5/8" diameter rebar with yellow plastic cap marked "JACKSON C.S." (see narrative for lengths), set.
 - C.S. = County Surveyor
 - R.R. = Railroad
 - S.N. = Survey Number
 - ℄ = Center Line
 - P.I. = Point of Intersection
 - Fd. = Found
 - diam. = diameter
 - () Indicates 1854 Government Record

SURVEY NARRATIVE TO COMPLY WITH PARAGRAPH 209.250
OREGON REVISED STATUTES

SURVEY FOR: Jackson County
(Pursuant to direction from Commissioners (ORS 207.070 (5)).

BASIS OF BEARING: Survey No. 6343 S89°50'40"E

LOCATION: In the East half of Section 22, Township 36 South,
Range 1 West, Willamette Meridian, Jackson County, Oregon.

DATE: February 9, 1987

PURPOSE: To re-establish the positions of the North and West
quarter corners of Section 22 from available evidence
Also, to establish and monument corners for the North
line of the South half of the Southeast quarter and
establish and monument the center quarter corner of
Section 22.

PROCEDURE: After being instructed to perform this survey by the Jackson
County Board of Commissioners, an extensive record search was undertaken.
Aside from the original stake and mound of stones set by Ives and Hyde in 1854,
no record of the North quarter corner of Section 22 being re-established could
be discovered. However, the U.S. Army Corps of Engineers set the Center-North
one sixteenth, the Center quarter, and the Center-East one sixteenth corners
of Section 15. It is logical to surmise that they had at least a mathematical
position for this corner in 1941.

Although the West one quarter corner of Section 22 controls none of the
boundaries of tracts north of Highway 140 or west of Kershaw Road, it was
necessary to make a determination of the positions occupied by the Army
monument and the "wash boulder" described on Survey No. 1017, in order to
subdivide the section.

A closed traverse was executed, beginning and ending at the Southeast
corner of Section 22, and tying into the East quarter, Northeast, West
quarter, Southwest and South quarter corners of Section 22, as well as the
East one sixteenth between Sections 15 and 22 and the railroad spikes on the
center line of Avenue "H". The closure on this traverse was better than
1:34,000. After balancing this traverse, open traverses were run to the
Northwest, Center-North one sixteenth and Center-East one sixteenth corners
of Section 15, the Northwest corner of Section 20, and the West quarter
corner of Section 21.

With regard to the Quarter corner to Sections 21 and 22, that position
established by the U.S. Army Corps of Engineers was accepted after consider-
able deliberation as the best and most probable location, because of a few
of the following reasons:

- 1) This location conforms most closely with the pattern of Ives and Hyde's original survey.
- 2) This location is reasonably close to the proportional position.
- 3) Officially accepted by Jackson County during the process of surveying Antelope Road for over 40 years.
- 4) Accepted by and shown on Agate Extension No. 3 and approved by previous county surveyor.
- 5) This location is more closely in agreement with occupation (fence lines) than acceptance of nearby stone.
- 6) This location of the last 45 years is unquestionable and has established a precedence.

Stone which bears N49°06'14"W, 21.72 ft. (record; N48°55'W, 21.72 ft.)

from the quarter corner, was rejected for a few of the following reasons:

- 1) This may or may not be the same one as identified on Rogue Land Irrigated Orchard Tracts.
- 2) This location would not conform to Ives and Hyde's original location.
- 3) No evidence can be obtained in or around stone of charcoal.
- 4) Past experience shows most often that monuments shown on tract maps are not in their true position as indicated.
- 5) There never has been any official acceptance or re-establishment or survey of recent years of acceptance.
- 6) This location adversely affects the land owners.
- 7) This stone would conflict with previous accepted monument shown on official and private surveys.
- 8) This location would not concur according to other official established corners in the near vicinity.

Three positions were considered for the North quarter corner of Section 22, i.e., a straight single proportion from the Northeast corner of Section 22 to the Northwest corner of Section 20, an extension of bearing and duplication of distance between the Northeast corner of Section 22 and the East sixteenth corner between Sections 15 and 22, and an intersection of the bearings between the two monuments last mentioned and a southerly projection of the East line of Dutton Road, (being also the Army's 1941 North-South center line of Section 15). These three positions all fell within an approximately 3 foot radius area.

Considering the relatively small amount of disparity, it was decided to re-establish the corner at the latter position, thereby preserving the integ-

rity of the interior one sixteenth corners in Section 15 and the East sixteenth corner between Sections 15 and 22, all of which have been accepted and used for control on several previous official and private surveys. This location should not affect any of the nearby adjoiners.

A position for the Northwest corner of Section 22 was then computed using the North quarter corner of Section 22, the Northwest corner of Section 20, the Northwest corner of Section 15, and the Army monument at the West quarter corner of Section 22, by the double proportion method. The resulting data is shown on the accompanying plat.

Section 22 was then subdivided and monuments were set and referenced as follows:

At the Quarter corner between Sections 15 and 22:

Set a 1"x26" galvanized iron pipe, 2 ins. below the surface, and near the center of Avenue "E". In the top of said pipe, set in concrete, a 2½ ins. diam. brass cap marked:

T36S R1W
15
¼s ———
22
c.s.
1987

Take references as follows:

A 5/8x24 ins. rebar with yellow plastic cap mkd. "Jackson C.S.", set 0.5 ft. South of one East-West fence and projecting 2 ins., brs. N17°08'50"E, 29.37 ft.

A 3/4 ins. diam. rebar, fd. 1 ins. deep, brs. S17°08'50"W, 32.17 ft.

The center of power pole No. B-13967 brs. N18°25'W, 29.1 ft.

At the South one sixteenth corner between Sections 22 and 23:

Set a 5/8x24 ins. rebar, projecting 5 ins. in a small mound of stones and lying 13.8 ft. West and 16.6 ft. North of a corner post to fences bearing East, West and North. Set references as follows:

A 5/8x24 ins. rebar with with yellow plastic cap marked "Jackson C.S." set flush and 0.5 ft. West of a North-South fence, brs. N4°28'13"E, 117.81 ft.

A 5/8x24 ins. rebar with yellow plastic cap mkd. "Jackson C.S.", set flush and 0.5 ft. North of an East-West fence, brs. S84°12'02"W, 84.18 ft.

The center quarter and the Center-South sixteenth corners fall so near to the center line of Kershaw Road that, to avoid confusion, witness monuments were set on said center line of Kershaw Road. The monuments lie just Easterly from the true North-South center line of the Section, on the North line of

the Southeast quarter and the North line of the South half of the Southeast quarter, respectively.

South $89^{\circ}56'12''$ East, 1.68 ft. from the Center quarter corner of Section 22, set a $5/8 \times 16$ ins. rebar, with yellow plastic cap marked: "Jackson C.S.", flush with the pavement. Set references as follows:

The face of a P.K. nail, driven into the West face of power pole No. B64621, brs. $S84^{\circ}40'23''E$, 39.43 ft.

The face of a P.K. nail, driven into the Northeasterly face of power pole No. B12105, brs. $S48^{\circ}21'54''W$, 50.52 ft.

South $89^{\circ}57'59''E$ East, 0.84 ft. from the center-south sixteenth corner of Section 22, set a $5/8 \times 8$ ins. rebar, with yellow plastic cap mkd: "Jackson C.S.", flush with the pavement. Set references as follows:

A $5/8 \times 24$ ins. rebar with yellow plastic cap marked "Jackson C.S.", set flush and 6.0 ft. North of a North-South-East fence corner, brs. $S89^{\circ}57'59''E$, 40.00 ft.

A $5/8 \times 24$ ins. rebar with yellow plastic cap marked "Jackson C.S.", set 1.0 ft. East of a North-South fence and projecting 6 ins. in a small mound of stones, brs. $N89^{\circ}57'59''W$, 40.00 ft.

NOTE: For references established for found corners in Sections 15 & 22, see official or special corner re-establishment notes.

EQUIPMENT: Kern model no. DMK2-AE one-second theodolite and Nikon model no. ND160 E.D.M.

