



Survey of
 W.A. Pyritz Property in
 Sec 18 and Restoration
 of Sec. Cor. 17, 18, 19, 20,
 all in T21S, R11W, W.M.
 by
 Coop. Technical Services, Inc.
 Allen Bldg. North Bend
 Jan. 20, 1949

Scale: 1" = 1500'

COUNTY SURVEYORS FILE DATA
 DO NOT REMOVE FROM OFFICE

Harry S. Dugill

PRIVATE SURVEYOR'S RECORD

SURVEY NO. _____ IN SEC. ^{17, 18} 19, 20 T. 21 S R. 11 W WM ^{Douglas} ~~6003~~ CO. OREGON

MADE FOR Walter A Pyritz DATE Jan. 15 1949

MADE BY Harry S Hugill REGISTERED PROFESSIONAL ENGINEER

OREGON NO. 264B DATE OF REGISTRATION May 9, 1947

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COURSE	DISTANCE	
		<p>The following survey was made with transit and steel tape-300 feet long. Horizontal angles were doubled and read to closest minute. Slope distances were to nearest 0.01 foot with vertical angle to nearest minute by transit. Magnetic Bearings were taken on all courses as check. Weather was cold or rainy.</p> <p>I begin at the corner common to sections 7 and 18, T 21 S, R 11 W, W.M. and to sections 12 and 13, T 21 S, R 12 W, W.M. which I find marked by an iron pipe with old "B.T.'s" evident; thence I run due South using a variation of 21° East. I find all recorded topographic features as called for up to sta. 15+20 at which point I cross a ridge as called for. Beyond this point natural features would conform if I was running about 50 feet further East. At station 26+06.20 I set a point as temporary 1/4 sec Cor to sections 13 and 18 after a search for old 1/4 Cor markings and inspection of several points indicated by local residents without finding substantiating markings; thence I continue south by random traverse to the corner common to sections 18 and 19, T 21 S, R 11 W, W.M. and to sections 13 and 24, T 21 S, R 12 W, W.M. which point I found to be marked by an Iron Pipe with Bearing Trees as called for. plainly evident. Upon computing the above</p>

CS 40/169-1

PRIVATE SURVEYOR'S RECORD

SURVEY NO. _____ IN SEC. ^{17, 18,} ~~19, 20~~ T. 21 S R. 11 W WM ^{Douglas} ~~6005~~ CO. OREGONMADE FOR Walter A Pyritz DATE January 15, 1949MADE BY Harry S. Nugill REGISTERED PROFESSIONAL ENGINEEROREGON NO. 2640 DATE OF REGISTRATION May 9, 1947Page 2 of 7
COURSE DISTANCE

traverse I find my easterlys +3.25 feet in excess requiring the shifting of all bearings $0^{\circ} 29\frac{1}{2}'$ to the west. The distance between corners becomes 5047.81 feet with bearing assumed as true North for balance of survey. By computation I determine that the $\frac{1}{4}$ Cor should be moved to a point Bearing $N 15^{\circ} 12\frac{1}{2}' E$ a distance of 85.27 feet from the temporary $\frac{1}{4}$ Cor previously set at sta 26+06.28. At this point I set a 1 $\frac{1}{4}$ " Iron Pipe with references as follows:-

A 12" Alder Bears $N 21^{\circ} W$ a distance of 62 feet.

A 14" Alder Bears $S 89^{\circ} E$ a distance of 14 feet.

Approx \perp of intermittent Creek - West a distance of 22 feet.

I next start at the SW corner of the said section 18 and run East 5,097.17 feet and South 253.08 feet by random traverse and set a temporary point as the corner of sections 17, 18, 19, 20. The $\frac{1}{4}$ Cor. between sections 18 and 19 and the said sect. Cor both fall in open pasture areas on river bottom land and the present property owner who inherits from a reported member of the original survey crew could give no information as to the corners exact location.

From this temporary 2nd Cor I run South 5,074.87 feet

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MADE FOR Walter A Pyritz

DATE January 15, 1949

MADE BY Harry J. Hugill REGISTERED PROFESSIONAL ENGINEER

OREGON NO. 2648 DATE OF REGISTRATION May 9, 1947

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COURSE	DISTANCE	<p>and West 17.50 feet by random traverse to the corner common to sections 19, 20, 29, 30 which I find marked by an original B.T. described as a 5" Fir. Fir is now 7" and shows original markings. I set 1 1/4" Iron Pipe at point called for by bearings and distances in original survey dated Jan 4, 1867. The 1/4 Cor between sections 19, 20 was looked for but could not be found.</p>
		<p>I next run by random traverse, from the temporary Section Corner of 17, 18, 19, 20, East 5,352.60 feet and North 71.10 feet to the corner common to sections 16, 17, 20, 21 which I find to be a Cedar post with Bearing Trees as called for. The 1/4 cor between section 17, and 20 was looked for but could not be found.</p>
		<p>I next return to the temporary corner sections 17, 18, 19, 20 and run by random traverse North 5,429.05 feet and East 149.68 feet to the corner common to sections 7, 8, 17, 18 which I find to be marked by an iron pipe with three original Bearing Trees as called for. The 1/4 Cor between sections 17 and 18 could not be found after a search.</p>
		<p>Original surveys called for 80 ch on each of these four</p>

U.S. File No. 40/162

PRIVATE SURVEYOR'S RECORD

SURVEY NO. _____ IN SEC. ^{17, 18} ~~19, 20~~ T. 21 S R. 11 W WM ^{Douglas} ~~6668~~ CO. OREGON

MADE FOR Walter A Pyritz DATE January 15, 1949

MADE BY Harry J. Hugill REGISTERED PROFESSIONAL ENGINEER

OREGON NO. 2648 DATE OF REGISTRATION May 9, 1947

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COURSE DISTANCE

section line distances from the section Cor of sections 17, 18, 19, 20 so by method of double proportionate distances I determine that the most probable location of the corner bears N 35° 48' E a distance of 218.34 feet from the temporary section Cor. and I set accordingly a 1 1/4" iron pipe nearly flush with the ground with references as follows:-
 42" spruce on S. side of fence. Bears N 27 1/2° E a distance of 72.3 feet.
 West corner gate post on E-W fence Bears N 52 1/2° W a distance of 139 1/2 feet.
 The south edge of a 2 story white house in distance bears S 65° E.

With the establishment of the section corner bearings and distances become:-
 Between sections 17 & 20, Bearing S 88° 50 1/2' E, 5,225 98 feet.
 " " 19 & 20, Bearing S 1° 35' W, 5,253 96 feet.
 " " 18 & 19, Bearing S 89° 10' E, 5,225 46 feet.
 " " 17 & 18, Bearing N 0° 13' E, 5,252 01 feet.
 (By Comp) " " 7 & 18, Bearing S 88° 36' W, 5246 42 feet.

I next set a 1 1/4" iron pipe at the 1/4 Cor between sections 18 and 19 on a bearing of N 89° 10' W a distance of 2612.73 feet from the established corner common to sections 17, 18, 19, 20. Point lies in open pasture area with no available reference points.

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 OREGON NO. 2648 DATE OF REGISTRATION May 9, 1947

COURSE	DISTANCE	
		I next set 1 1/4" iron pipe at the 1/4 Cor. between sections 17 and 18 by correction from a traverse point computed to be 56.72 feet south and 52.46 feet East of the 1/4 Cor. location. This point falls on the west side of the canyon just above a bare rock outcrop and about 75' feet west of the creek. Reference points were marked as follows:- 8" Alder Brs S 18° W a distance of 115 feet. 6" Alder Brs N 20° E a distance of 10' feet.
		I next return to the 1/4 Corner between sections 13 and 18 and run the following traverse as a property line; setting a 1 1/4" iron pipe at each property corner or angle point:-
		1/4 section Corner sections 13 and 18
N 89° 43' E	482.35'	Prop. Cor. set 1 1/4" Iron Pipe { 9" Alder Brs. N 56° W 19' feet. 12" Alder Brs. S 66 1/2° W 20' feet. 12" Alder Brs S 45° E 15' feet.
N 89° 43' E	137.19'	
		Prop. Cor. set 1 1/4" Iron Pipe { 8" Wild Cherry Brs N 55° W 6 3/4 feet. 8" White Fir Brs S 24 1/2° W 19 3/4 feet. 8" Wild Cherry Brs S 83 1/2° E 11 3/4 feet.
S 68° 14' E	118.99'	Angle Point set 1 1/4" Iron Pipe { 26" Spruce Brs S 88° W 17 3/4 feet. 14" Spruce Brs N 27 1/2° W 12 3/4 feet.
S 17° 50 1/2' E	339.11'	
		U. S. File No. <u>401162</u> Angle Point set 1 1/4" Iron Pipe { 10" Alder Brs S 72° E 14 5/8 feet. 8" Alder Brs N 80° W 3 1/2 feet.

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COURSE	DISTANCE
531°57½'E	170 ⁵⁹
521°12½'E	467 ²¹
522°46½'E	470 ⁵⁹
538°27'E	320 ⁰³
566°0½'W	645 ⁴⁹
566°0½'W	5 ⁰⁰
N36°41½'W	155 ⁴²
N67°24½'W	225 ⁵⁷
N83°54½'W	272 ⁶⁷
N76°56'W	177 ⁷³
N42°10'W	200 ⁷⁵

Angle Point. Set 1¼" Iron Pipe. { 8" Alder Brs. S 88°E 2³ feet.
 { 6" Alder Brs N 83°W 2² feet.

Angle Point. Set 1¼" Iron Pipe. { 10" Cedar Brs N 58°W 2⁴ feet.
 { 24" Fir Brs N 25°E 9⁵ feet.

Angle Point. Set 1¼" Iron Pipe. { 50" Broken Top Fir with overgrown undercut
 on South side Brs N 4²E 19² feet.
 { 28" Fir Brs S 77°E 19² feet.

Prop. Cor 1¼" Iron Pipe { 20" Fir Brs. N 87½°E 8² feet.
 { 24" Spruce Brs. S 45½°E 5³ feet.

Prop. Cor. Marker 1¼" Iron Pipe { 33" Fir Brs S 25°W 5⁷ feet
 { 26" Fir on Road fill Brs N 80°E 28² feet.
 { NE Cor County Bridge Brs S 20°E 27⁰ feet.

Low Water Line Prop. Cor. No marker.

Angle Point Low Water Line No Marker.

Angle Point Low Water Line No Marker.

Angle Point Low Water Line No Marker.

Angle Point Low Water Line. No Marker.

Angle Point Intersection of Low Water Line with section line. No Marker.

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DATE Jan. 15, 1949

MADE BY Harry J. Hugill REGISTERED PROFESSIONAL ENGINEER

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COURSE	DISTANCE
North	201 ⁹⁷
S 89° 43 1/2' W	102 ³⁵
N 48° 55' W	85 ⁰⁰

Prop. Cor. & 1/16 Corner 1 1/4" Iron Pipe on East bank Levee of Creek. No Reference Points.

Prop. Cor. on 1/16 Sec. Line 1 1/4" Iron Pipe. 4 1/2' E. of fence on E. side private road.

Point on traverse line west side of section 10 which lies 3,731.24 feet South and 417.62 feet East of the NW corner of section 18.

Angular error in traverse 0° 1 1/2' adjusted out

Linear error in traverse 0.06' No adjustment. (To close run)

Harry J. Hugill
 Jan. 15, 1949
 Haver, Ore.

U.S. File No. 401162