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COUNTY SURVEYOR
DOUGLAS COUNTY, OREGON

SURVEY OF
SECTION 7, T23S, R7W, W.M.
DOUGLAS COUNTY, OREGON
FOR
INTERNATIONAL PAPER COMPANY
BY
ROBERTS SURVEYING INC.
29 WEST 29TH STREET
EUGENE, OREGON 97405
FEBRUARY 15, 1987

C.S. File 63/44
Map File M103-73

N.W. CORNER SECTION 7

FD. 3/4" IRON PIN SET BY DOUGLAS COUNTY IN 1965
1965 DOUGLAS COUNTY BRASS CAP (WITNESS CORNER)
BEARS N0°54'45"W, 19.57'
10" WHITE OAK, N32°E, 20.8' (SCAR VIS.), 1965 W.C. B.T.
13" WHITE OAK, N63°W, 21.6' (SCAR VIS.), 1965 W.C. B.T.
15" WHITE OAK, S65°W, 43.2' (SCRIBE VIS.), 1965 W.C. B.T.
16" WHITE OAK, N52°W, 28.4' (SCRIBE VIS.), 1921 B.T.
31" BLACK OAK, S06°E, 39.4' (SCAR VIS.), 1965 W.C. B.T.

"A" WITNESS CORNER TO SOUTH 1/16 CORNER

SET 3/4" x 36" ALUMINUM ROD AND CAP.
(BURIED PURPLE M.M. UNDER 36" ROD)
12" MYRTLE, WEST, 43.2' (SCRIBED/PAINTED RED)
13" MYRTLE, S69°E, 13.1' (SCRIBED/PAINTED RED)

"B" WEST 1/16 CORNER SECTION 7

SET 3/4" x 30" ALUMINUM ROD AND CAP.
(BURIED PURPLE M.M. UNDER 30" ROD)
18" MAPLE, N77°E, 16.4' (SCRIBED/PAINTED RED)
28" FIR, S59°E, 53.4' (SCRIBED/PAINTED RED)

"C" R.M. TO WEST 1/16 CORNER SECTION 7

SET 1/2" x 36" IRON PIPE WITH BRASS CAP.
(BURIED PURPLE M.M. UNDER 36" PIPE)
WEST 1/16 CORNER BEARS SOUTH, 80.00'
12" MYRTLE, S24°E, 14.8' (SCRIBED/PAINTED RED)
15" FIR, N76°W, 21.6' (SCRIBED/PAINTED RED)

WEST 1/4 CORNER SECTION 7

NO EVIDENCE OF ORIGINAL CORNER FOUND.
(NO MONUMENT SET)

NARRATIVE

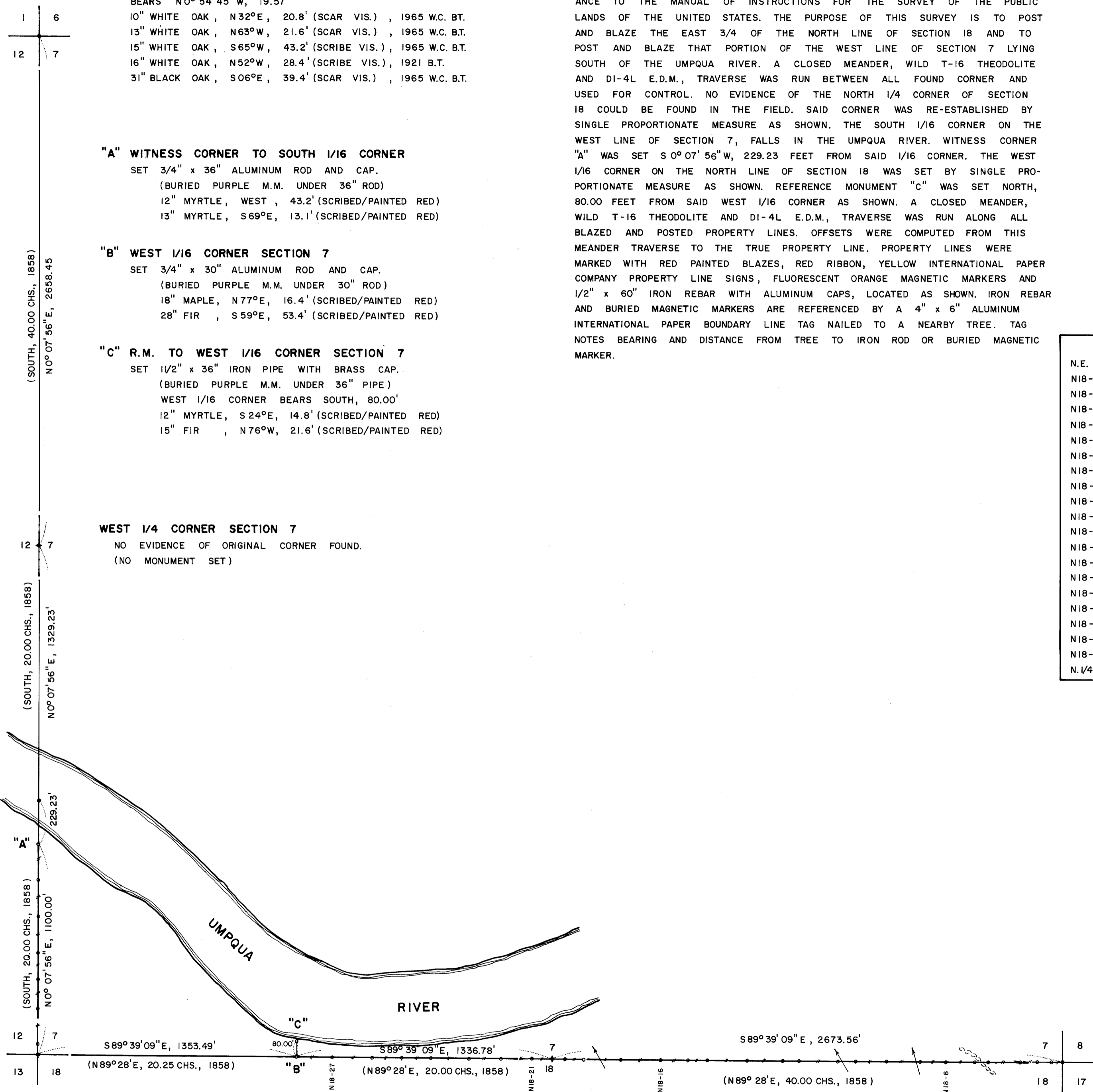
I, LES ROBERTS, REGISTERED PROFESSIONAL LAND SURVEYOR DO CERTIFY THAT I HAVE CORRECTLY SURVEYED THE EXTERIOR LINES OF SECTION 7 IN ACCORDANCE TO THE MANUAL OF INSTRUCTIONS FOR THE SURVEY OF THE PUBLIC LANDS OF THE UNITED STATES. THE PURPOSE OF THIS SURVEY IS TO POST AND BLAZE THE EAST 3/4 OF THE NORTH LINE OF SECTION 18 AND TO POST AND BLAZE THAT PORTION OF THE WEST LINE OF SECTION 7 LYING SOUTH OF THE UMPQUA RIVER. A CLOSED MEANDER, WILD T-16 THEODOLITE AND DI-4L E.D.M., TRAVERSE WAS RUN BETWEEN ALL FOUND CORNER AND USED FOR CONTROL. NO EVIDENCE OF THE NORTH 1/4 CORNER OF SECTION 18 COULD BE FOUND IN THE FIELD. SAID CORNER WAS RE-ESTABLISHED BY SINGLE PROPORTIONATE MEASURE AS SHOWN. THE SOUTH 1/16 CORNER ON THE WEST LINE OF SECTION 7, FALLS IN THE UMPQUA RIVER. WITNESS CORNER "A" WAS SET S0°07'56"W, 229.23 FEET FROM SAID 1/16 CORNER. THE WEST 1/16 CORNER ON THE NORTH LINE OF SECTION 18 WAS SET BY SINGLE PROPORTIONATE MEASURE AS SHOWN. REFERENCE MONUMENT "C" WAS SET NORTH, 80.00 FEET FROM SAID WEST 1/16 CORNER AS SHOWN. A CLOSED MEANDER, WILD T-16 THEODOLITE AND DI-4L E.D.M., TRAVERSE WAS RUN ALONG ALL BLAZED AND POSTED PROPERTY LINES. OFFSETS WERE COMPUTED FROM THIS MEANDER TRAVERSE TO THE TRUE PROPERTY LINE. PROPERTY LINES WERE MARKED WITH RED PAINTED BLAZES, RED RIBBON, YELLOW INTERNATIONAL PAPER COMPANY PROPERTY LINE SIGNS, FLUORESCENT ORANGE MAGNETIC MARKERS AND 1/2" x 60" IRON REBAR WITH ALUMINUM CAPS, LOCATED AS SHOWN. IRON REBAR AND BURIED MAGNETIC MARKERS ARE REFERENCED BY A 4" x 6" ALUMINUM INTERNATIONAL PAPER BOUNDARY LINE TAG NAILED TO A NEARBY TREE. TAG NOTES BEARING AND DISTANCE FROM TREE TO IRON ROD OR BURIED MAGNETIC MARKER.



LOCATION OF MAGNETIC MARKERS					
N.E. COR.	0'	WEST (REBAR)	N.1/4 COR.	0'	WEST (M.M. & FC. POST)
N18-1	61'	WEST (M.M.)	N18-21	112'	WEST (M.M.)
N18-2	129'	WEST (M.M. & REBAR)	N18-22	270'	WEST (M.M. & REBAR)
N18-3	223'	WEST (M.M.)	N18-23	439'	WEST (M.M.)
N18-4	387'	WEST (M.M.)	N18-24	637'	WEST (M.M. & REBAR)
N18-5	460'	WEST (M.M. & REBAR)	N18-25	785'	WEST (M.M.)
N18-6	611'	WEST (M.M.)	N18-26	939'	WEST (M.M. & REBAR)
N18-7	744'	WEST (M.M. & REBAR)	N18-27	1149'	WEST (M.M.)
N18-8	922'	WEST (M.M.)	W.1/16 COR.	1337'	WEST (M.M. & FC. POST)
N18-9	1085'	WEST (M.M. & REBAR)			
N18-10	1175'	WEST (M.M.)	S.W. COR.	0'	NORTH (FC. POST)
N18-11	1376'	WEST (M.M. & REBAR)	W7-1	54'	NORTH (M.M.)
N18-12	1466'	WEST (M.M.)	W7-2	242'	NORTH (M.M. & REBAR)
N18-13	1650'	WEST (M.M. & REBAR)	W7-3	394'	NORTH (M.M.)
N18-14	1858'	WEST (M.M.)	W7-4	527'	NORTH (M.M. & REBAR)
N18-15	1967'	WEST (M.M. & REBAR)	W7-5	718'	NORTH (M.M.)
N18-16	2103'	WEST (M.M.)	W7-6	910'	NORTH (M.M. & FC. POST)
N18-17	2313'	WEST (M.M. & REBAR)	W. COR.	1100'	NORTH (M.M. & FC. POST)
N18-18	2506'	WEST (M.M.)			
N18-19	2603'	WEST (M.M.)			
N.1/4 COR.	2674'	WEST (M.M. & FC. POST)			

LEGEND

- CORNERS FOUND AND USED FOR CONTROL
- CORNERS SET, 3/4" x 30" ALUMINUM RODS WITH ALUMINUM CAPS. CAPS STAMPED S-T-R, DATE AND P.L.S. NO. 1039.
- LINES MARKED AND BLAZED THIS SURVEY.
- () DATA OF RECORD, ORIGINAL 1858 G.L.O. SURVEY BASIS OF BEARING, SOLAR OBSERVATION.
- (M.M.) INDICATES THE LOCATION OF BURIED MAGNETIC MARKERS. MARKERS ARE FLUORESCENT ORANGE IN COLOR AND ARE BURIED, 12" TO 18" DEEP, ALONG LINE AS SHOWN.
- DISTANCE TO B.T.'S ARE CENTER MEASURE
- ALL NEW B.T.'S ARE SCRIBED AND HAVE A BRASS WASHER STAMPED "P.L.S. 1039" NAILED TO THE LOWER BLAZE. BLAZES ARE PAINTED RED.
- ALL NEW B.T.'S HAVE A 6" STEEL SPIKE DRIVEN INTO THE CENTER OF THE TREE TO SERVE AS A CHAINING POINT FOR MEASURED DISTANCES.
- SCALE 1" = 400'



S.W. CORNER SECTION 7

FD. 1986 B.L.M. BRASS CAP, UNAPPROVED SURVEY.
18" FIR STUMP, S60°E, 19.8' (AXE MARKS), 1857 B.T.
10" W. FIR, N21°E, 21.8' (SCRIBE VIS.), 1986 B.T.
12" W. FIR, N72°W, 36.2' (SCRIBE VIS.), 1986 B.T.
12" FIR, S52°W, 36.3' (SCRIBE VIS.), 1986 B.T.
14" FIR, S81°E, 22.6' (SCRIBE VIS.), 1986 B.T.

NORTH 1/4 CORNER SECTION 18

NO EVIDENCE OF ORIGINAL CORNER FOUND.
SET 3/4" x 30" ALUMINUM ROD AND CAP.
(BURIED PURPLE M.M. UNDER 30" ROD)
15" W. FIR, N47°W, 24.7' (SCRIBED/PAINTED RED)
18" W. FIR, S27°E, 17.9' (SCRIBED/PAINTED RED)

N.E. CORNER SECTION 18

FD. 1965 B.L.M. BRASS CAP.
12" FIR, S40°W, 23.3' (SCAR VIS.), 1940 C.S.B.T.
12" ALDER, N12°W, 78.0' (SCAR VIS.), 1965 B.T.
13" FIR, N47°E, 90.8' (SCAR VIS.), 1965 B.T.
22" FIR, S63°E, 81.2' (SCAR VIS.), 1965 B.T.
"X" IN ROCK, N86°W, 40.0', 1978 B.O.

C.S. File 63/44
Map File M103-73

REGISTERED
PROFESSIONAL
LAND SURVEYOR
Les Roberts
OREGON
REGISTERED 1975
L. D. ROBERTS
1939



M103-73 M103-74
Roberts Surveying, Inc.

29 W. 29th St Suite 2A

Eugene, Oregon 97405

Bus (503) 345-1112 / Res (503) 686 0203

May 8, 1986

Mr. Bill Glenn
Chief, Branch of Cadastral Survey
Bureau of Land Management
P.O. Box 2965
Portland, Oregon 97208

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APR 10 1987

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

Re: N.E. Corner of Section 13, T23S, R8W.

Dear Mr. Glenn:

Presently I am doing some survey work in Sections 12 and 13, T23S, R8W, for International Paper Company. The East boundaries of Sections 12 and 13 were surveyed by Ambrose N. Armstrong and Thomas H. Hutchinson in 1857. The East boundary of Section 13 was re-surveyed by Floyd A. Brooks and Peter A. Peterson in 1964 and they restored the N.E. corner of Section 13 from what they believed to be original evidence. Said evidence being 1) a stump hole 2) a rotted fir stump, no marks and 3) a sawed 38" fir stump with faint axe marks visible on opened blaze. Section 13 was later subdivided by James E. Jelley in 1970.

My contract with International Paper Company calls for me to post and blaze the lines around the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 13. While performing the necessary field work to complete this contractual responsibility, I uncovered a sawed 18" fir stump with a smooth face and a small chaining notch visible low on the stump base. Using this found stump as the original 1857 S.E. B.T., I believe Brooks 1964 corner should be moved West approximately 76 feet to point "A", see enclosed sketch.

Other evidence found in the field further support position "A". From point "A", I chain North and at 907.5 feet I find a 60" fir windfall with no marks visible on decaying bark. No evidence of a large fir can be found at a point 907.5 feet North of Brooks 1964 corner.

The meander corners on the South and North banks of the Umpqua River were looked for but could not be found.

I chained West from point "A" and at the proper computed distance, I set a temporary 1/16 corner. Said 1/16 corner falls 10 to 15 feet East of an old existing North-South fence line. Chaining West from Brooks 1964 section corner, makes said 1/16 corner fall 85 feet, more or less, East of this existing fence line, see sketch. I feel very uncomfortable with this second position because this creates a trespass situation with the owner of a small 141 foot wide parcel of land lying West of the North-South centerline of the NE $\frac{1}{4}$ of Section 13.

U.S. FILE NO. 63/46-4A

I tied the N.E. corner of Section 12, restored from original evidence by Douglas County in 1965, and computed paper coordinates for the S.E. corner of Section 13 by using Brooks 1964 field data. The results of these ties are as follows.

East line of Section 13 using point "A"

- | | | |
|-----------------------------|-------|-------------------|
| 1) North, 5280 feet | ----- | Armstrong in 1857 |
| 2) N 0 00' 19" W, 5177 feet | ----- | Roberts in 1986 |
| 3) N 0 50' 00" E, 5190 feet | ----- | Brooks in 1964 |

East line of Section 12 using point "A"

- | | | |
|-----------------------------|-------|-------------------|
| 1) North, 5280 feet | ----- | Armstrong in 1857 |
| 2) N 0 08' 11" E, 5317 feet | ----- | Roberts in 1986 |
| 3) N 0 41' 01" W, 5304 feet | ----- | Brooks in 1964 |

These results clearly show Brooks corner being out of position to the East.

Also James Jelley's 1970 survey shows the North line of Section 13 being 81.83 chains in length compared to 80.80 chains in length as shown by the 1857 plat. Moving Brooks 1964 corner West by 1.15 chains, to point "A", would decrease Jelley's 1970 distance to 80.68 chains and thus compare very favorably with the 1857 plat distance of 80.80 chains.

Since Brooks restored the N.E. corner of Section 13 with little more than a stump pattern for evidence, I would appreciate you taking a second look at Brooks work and also having some of your personal evaluate the additional evidence I have found in the field.

If you have any questions concerning this matter, please give me a call and we can discuss it further.

Sincerely yours,

Les Roberts

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APR 10 1987

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

M103-73 - M103-74

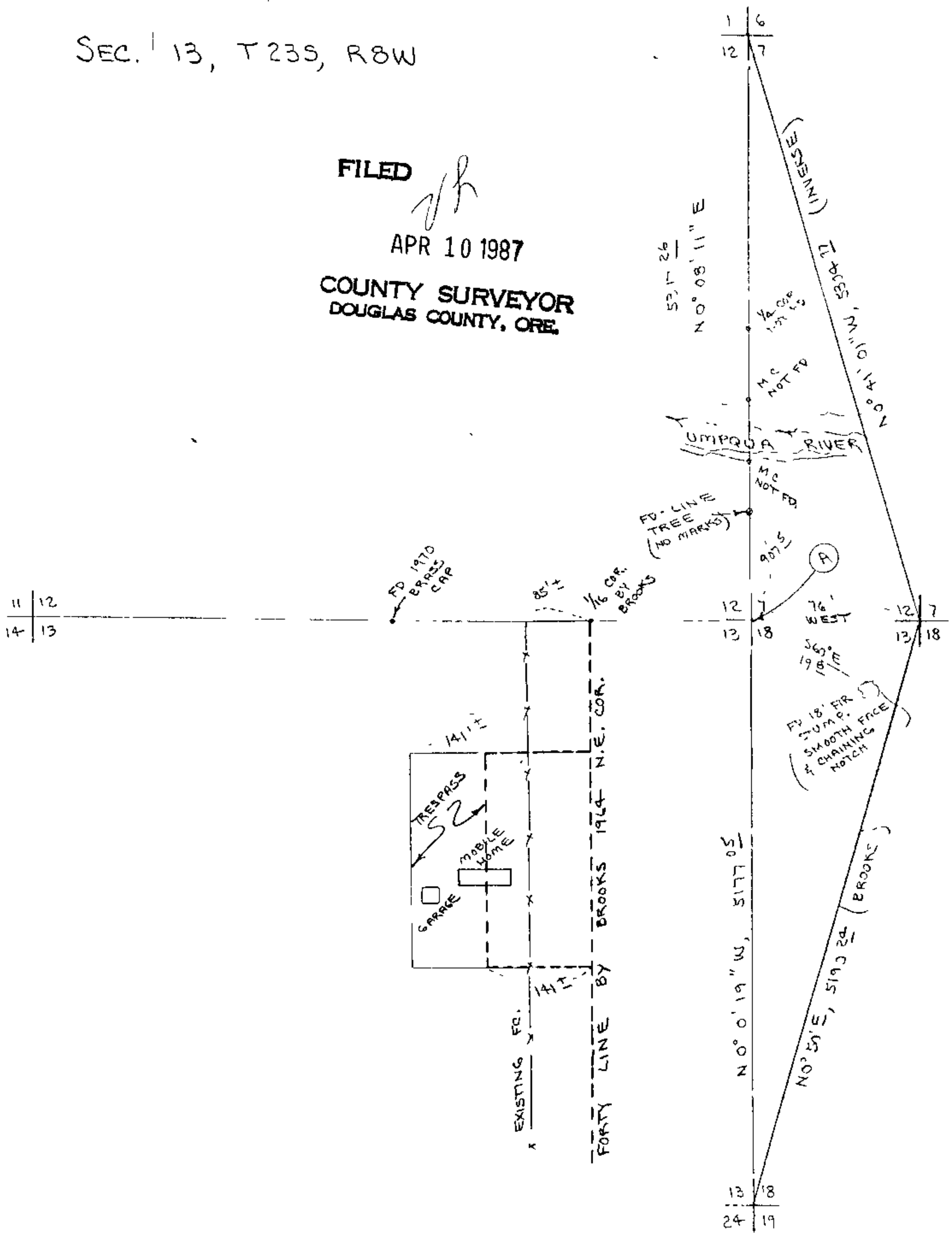
SEC. 13, T23S, R8W

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APR 10 1987

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.



U.S. FILE NO. 63/46-4c



M 103-73 + M 103-74

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

OREGON STATE OFFICE
P O Box 2965 (825 NE Multnomah Street)
Portland, Oregon 97208

IN REPLY REFER TO
9600 (942)
Group 538
Oregon

May 15, 1986

FILED

APR 10 1987

Mr. Les Roberts
Roberts Surveying, Inc.
29 W. 29th St., Suite 2A
Eugene, Oregon 97405

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

Dear Mr. Roberts:

This is in response to your letter dated May 8, 1986, in which you indicated recovering original evidence of the corner of sections 7, 12, 13, and 18, Tps. 23 S., Rs. 7 and 8 W., Willamette Meridian, Oregon. We have requested our Coos Bay District to investigate this situation, which they should begin to do soon, and to submit a report of findings to this office.

You will be notified of the results upon evaluating their report.

Sincerely,

William W. Glenn
Chief, Branch of Cadastral Survey

C.S. File No. 63/46-4d



M 103-73 - M 103-74

United States Department of the Interior
BUREAU OF LAND MANAGEMENT

OREGON STATE OFFICE
P O. Box 2965 (825 NE Multnomah Street)
Portland, Oregon 97208

IN REPLY REFER TO

9600 (942)
Gps. 538 and
722, Oregon

July 1, 1986

FILED

JH

APR 10 1987

Mr. Les Roberts
29 W. 29th Street, Suite 2A
Eugene, Oregon 97405

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

Dear Mr. Roberts:

In our letter to you dated May 15, 1986, we indicated that the BLM would conduct an investigation at the corner of sections 7, 12, 13, and 18, townships 23 south, ranges 7 and 8 west, Willamette Meridian, Oregon. The report of investigation from our Coos Bay District, dated June 17, 1986, verified your findings of original corner evidence.

Accordingly, a corrective dependent resurvey will be conducted on the line between sections 13 and 18 and the line between sections 12 and 13, and subdivision of section lines in section 13, townships 23 south, ranges 7 and 8 west. The corrective work will be performed by our Coos Bay District as soon as their schedule permits.

Sincerely,

William W. Glenn

William W. Glenn
Chief, Branch of Cadastral Survey

C.S. File No. 63/46-4E