

SURVEY FOR  
U.S. FOREST SERVICE

SMITH - UMP CADASTRAL  
CONTRACT NO. 53-04T0-3-0935N  
SECTION 36, T21S R11W, W. M.  
SECTION 1, T22S R11W, W. M.  
DOUGLAS COUNTY, OREGON

LEGEND

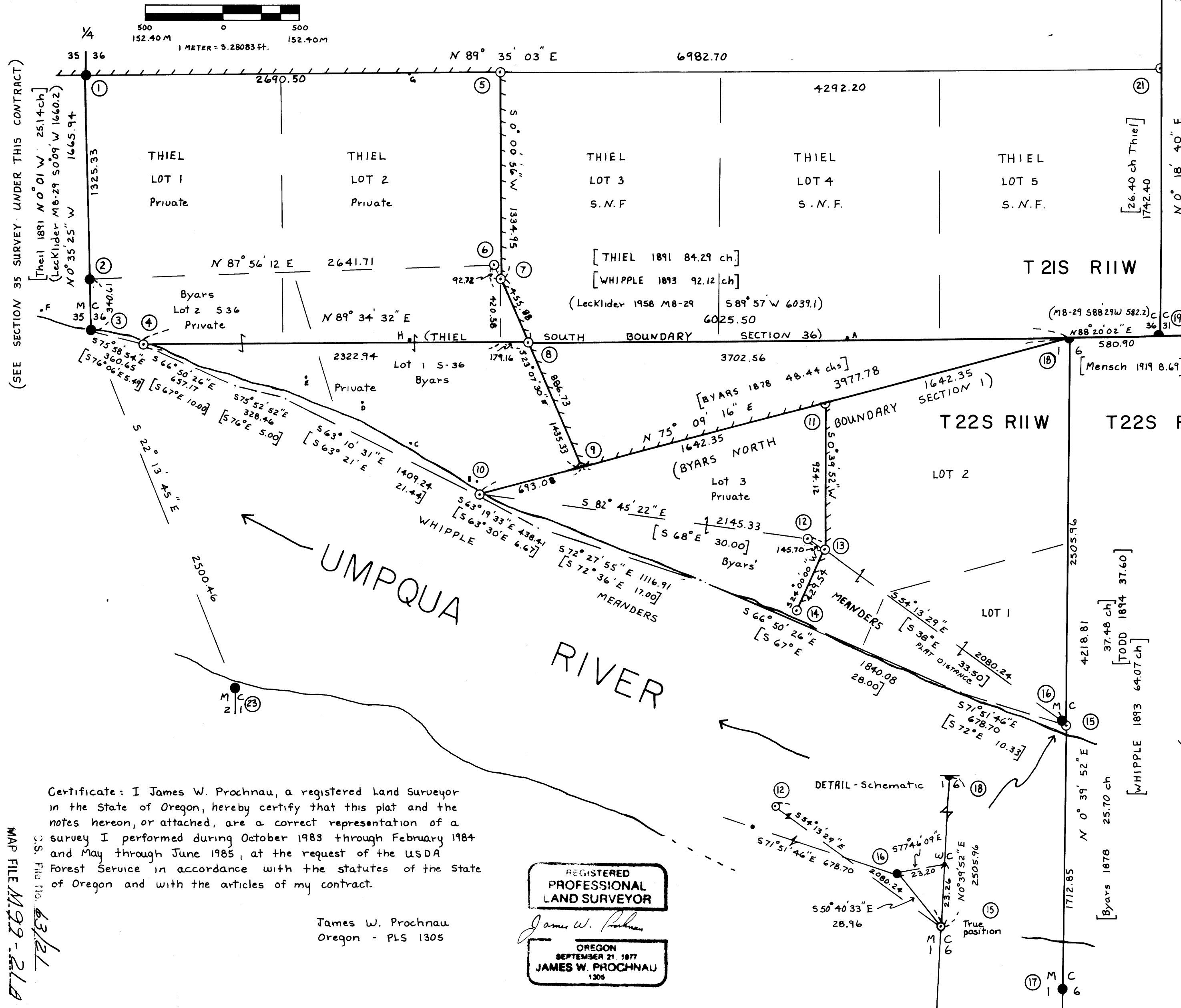
- Corner evidence found
  - Corner set by survey
  - Property line posted with 6' fiberglass posts with F.S. decals 54-2a or 1/2" x 5' rebar with F.S. signs 54-2.
  - ( ) Bearings and distances of record from local surveys
  - [ ] Bearings and distances of record from GLO surveys
- S.N.F. Siuslaw National Forest

C.S. File No. 63121  
MAP FILE M.99-21A

SCALE 1" = 500'

JULY 15, 1985

Bearings from  
Solar Observation



3206.31  
N 0° 18' 40" E  
(Lecklider M8-29 S 0° 27' W 3236.7)  
(191 Mensch N 0° 06' W 48.72)

(M8-29 588.27 W 582.2) C  
N 88° 20' 02" E 36  
N 88° 37' 59" E 2153.77

4218.81  
37.48 ch  
[TODD 1894 37.60]  
[WHIPPLE 1893 64.07 ch]

1712.85  
N 0° 39' 52" E  
[Byars 1878 25.70 ch]

Narrative: This survey is a closed traverse made by Jackson & Prochnau, Inc., P.O. Box 177, Albany, Oregon 97321. Equipment used was a Wild T-16 theodolite with DI4 EDM and a Wild T-1 theodolite with citation 450 EDM.

This survey deals with a complex set of circumstances created by both unsurveyed land and an overlap between two original surveys. Work on this contract was initially begun in October 1983 and the majority completed in February 1984. Due to the above circumstances and the lack of supporting evidence for corners No. 1 and 3, our work in this area was suspended pending a BLM investigation.

History -

1874 - W.H. Byars meanders Umpqua River and surveys portions of T21, 22S R11W along the river, creating lots in Sections 35, 36 and Section 1.

1891 - William Thiel subdivides portions of T21S R11W North of river. Thiel surveys the South, East and West boundary of Section 36. In the course of his survey, Thiel discovers an error in Byars' computations, ignores Byars' corner to 36 (10), and sets his own corner (4). This creates a conflict in the lotting of 36 and a hiatus between the South boundary of 36 and the North boundary of Section 1 as surveyed by Byars.

1893 - William Whipple conducts an examination of Byars' meanders and East boundary of Section 1 and Thiels South boundary of 36.

1894 - Aurelius Todd retraces the East boundary of Section 1.

1919 - F. Mensch et al, re-establishes closing corner 36 31 (19) and resurveys the West boundary of T21S R11W.

1939 - Harold Lewis, PE 722, M11-70, monuments a position for the 1/4 35|36 (1), and apparently recovers Byars' MC 35|36 (3). The validity of corners 15 unclear due to the lack of supporting evidence.

1957-61 - G.R. Lecklider, PE 4079, surveys sections 36 and 1, M8-29 and CS # 51|215, recovering Lewis' 1/4 35|36 and the apparent MC 35|36.

1983-84 - This contract begins and is subsequently suspended.

1984 - BLM begins investigation under special instructions dated June 7, 1984, at the request of the USDA Forest Service. The investigation confirms the existence of both unsurveyed public land and a conflict between the Byars, Thiel surveys.

1985 - Contract work in this area resumes and is completed.

The results of the investigation and the ensuing recommendation on monumentation and boundary location were discussed at a meeting attended by representatives of our firm, the USFS and the BLM. In addition, the results of the investigation lent credibility to the two questionable corners 1 and 3 (per Lewis) and we concur with the BLM and accept the evidence found as the true positions.

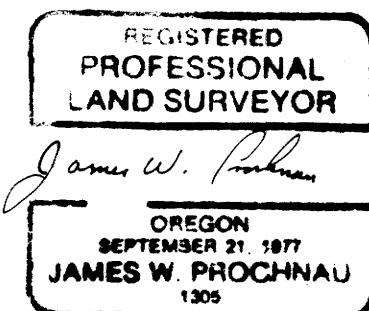
MONUMENTATION - Section 36 - NE cor. Lot 5 (2), at record 26.40 ch. (Thiel plat) North on line from 36|31 (19), to 1/4 31 only (22); NW cor. Lot 3 (5), at 60.00 ch. proportional measure West from NE Lots (2) to 1/4 35|36 (1) (Thiel plat.); 36 M Thiel (4), determined from Whipples adjusted record meanders between the MC 35|36 (3) and the recovered Whipple "X" (16), SW cor. Lot 3 (not set) at 60.00 ch proportional measure West from 36|31 (19), on line between 1|6 (18) and 36 M (4) (Thiel plat.); 36 M Byars (10), from Whipple adjusted record meanders as with (4); SE Lot 1 Byars (9) at 40.00 chs proportional measure East from 1|6 (18), toward 36 M (10) (Byars plat); NE Lot 1 Byars (6) at 40.00 ch. East departure from 5 1/16 35|36 (2) and 20.00 ch North latitude from SE Lot 1 (9) (Byars plat)

Section 1 - NW Lot 2 Byars (11), at 20.00 ch. proportional measure West from 1|6 (18) toward 36 M (10) (Byars plat); MC 1|6 (15) at 25.70 ch. proportional measure North from MC 1|6 (17) to 1|6 (18) using Todds 37.60 ch. + Byars 25.70 ch; Byars Angle Point (12) established from Byars adjusted record meanders between 36 Byars (10), and MC (15); Line between Lots 2 and 3 surveyed parallel to East boundary of T22S R11W (Byars plat) to a point on Byars adjusted meander line, (13), then perpendicular to the river to a witness point (14).

Copies of BLM correspondence and recommendations are filed with this survey.

Certificate: I James W. Prochnau, a registered Land Surveyor in the State of Oregon, hereby certify that this plat and the notes hereon, or attached, are a correct representation of a survey I performed during October 1983 through February 1984 and May through June 1985, at the request of the USDA Forest Service in accordance with the statutes of the State of Oregon and with the articles of my contract.

James W. Prochnau  
Oregon - PLS 1305



(SEE SECTION 35 SURVEY UNDER THIS CONTRACT)

C.S. File No. 63121  
MAP FILE M.99-21A

CONTRACT NO. 53-04T0-3 - 0935N

Note: All new BT's are faced with a double blaze and marked per the BLM manual, and in addition have a brass washer marked LS 1305 nailed flush in the lower blaze. New BT's are tagged with USFS signs 54-4 and 54-3, and painted with a 6" red band. Unless otherwise noted, all monuments set are a 3/4" USFS aluminum cap with magnet on a 2 1/2" x 30" aluminum pipe with flared base. Monuments set are stamped per the BLM manual, plus township, range, 1984 and PLS 1305. Bearings to reference monuments, where shown to the minute or second, are within one minute of true bearing. 6' fiberglass posts with USFS decal LSM-130 or 1/2" x 5' rebar with signs 54-4 were set 3 to 5 feet from all corners set as per contract. Field notes are in books 9, 10, 12, 15, 16, 21 and 24 through 28. Contract No. 53-04T0-3-0935N. Pipes and post found at corners ①, ③, ⑫ and ⑬ were buried alongside our monument set.

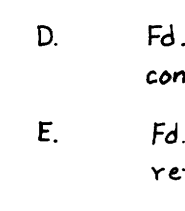
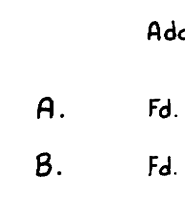
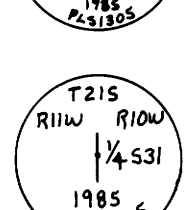
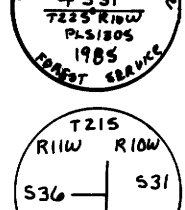
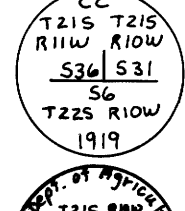
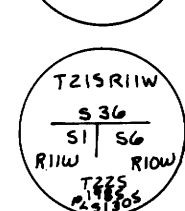
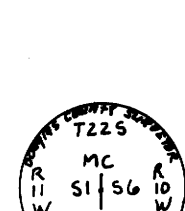
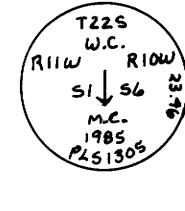
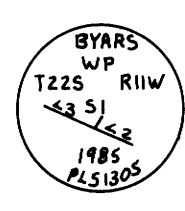
FILED CMO  
RECEIVED *JL*

AUG 12 1985

COUNTY SURVEYOR  
DOUGLAS COUNTY, ORE.  
CMO

MAP FILE M.99-21.58  
63/21

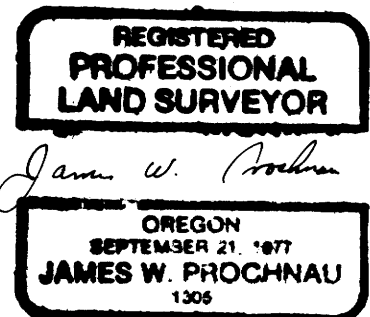
CORNER NO.	MONUMENT	ACCESSORIES
①	Fd. 2" iron pipe 3' out of ground set by Lewis (PE 722 1939). Fd. USFS cap and pipe, set by Jackson & Prochnau.	Fd. Lewis BT's: 15" (4' high) snag stump brs S 30° W 1.5 ft., visible scribe; 32" D. Fir brs N 40° E 10.5 ft., healed face. Set R.M. - USFS cap and pipe brs S 24° 13' 47" W 53.88 ft., marked RM 1/4 S 35   536 1985 PLS 1305 <i>53.88</i>
②	Fd. USFS cap and pipe, set by Jackson & Prochnau.	New BT's: 8" Alder brs N 63° W 8.0 ft., bark scribed S 1/16 S35 BT; 8" Maple brs S 33° E 13.8 ft. scribed S 1/16 S36 BT (Fd. 1" G.I.P. brs S 0° 13' 30" W 38.98 ft. (no record))
③	Fd. 2 1/2" I.P. with screw cap for Byars original M.C. as found by Lecklider in 1958. Fd. U.S.F.S. cap and pipe, set by Jackson & Prochnau.	New BT's: 16" Alder brs N 16° W 53.5 ft., T215 R11W S35 MC BT; 11" Alder brs N 10° E 63.6 ft., T215 R11W S36 MC BT.
④	Set W.C. - USFS cap and pipe brs N 89° 34' 32" E 74.38 ft. on line from true position.	New BT's: 13" Alder brs N 46° W 13.8 ft., bark scribed "X" BT; 8" Alder brs N 19° E 15.6 ft., bark scribed "X" BT.
⑤	Set USFS cap and pipe. Rock mound.	New BT: 19" D. Fir brs S 43° E 14.7 ft. scribed T22 S36 BT. Set R.M. - 3/4" alum. cap on 5/8" x 30" rebar brs S 75° 16' 31" W 45.16 ft. Set F.S. post with LSM-130 2 ft. South of R.M. R.M. marked RM L2 S36 Thiel 1985 PLS 1305 <i>45.16 N75°17'E</i>
⑥	Set USFS cap and pipe. Rock mound.	New BT's: 18" Alder brs S 57° W 16.4 ft., scribed BL1 S36 BT; 13" Maple brs S 15° E 18.6 ft., scribed BL1 S36 BT.
⑦	Set USFS cap and pipe. Rock mound.	New BT's: 21" W.R. Cedar brs S 39° E 5.3 ft., scribed TL3 S36 BT; 22" D. Fir brs N 80° E 13.7 ft., scribed TL3 S36 BT.
⑧	Set USFS cap and pipe. Rock mound.	New BT's: 9" Alder brs N 24° W 31.7 ft., bark scribed TL3 S36 BT; 10" Cherry brs N 28° E 2.8 ft., scribed TL3 S36 BT.
⑨	Set USFS cap and pipe. Rock mound.	New BT: 10" Alder brs N 57° W 34.3 ft., bark scribed BL1 S36 BT. Set R.M. - USFS cap and pipe brs N 82° 58' 27" W 44.29 ft. marked RM Byars L1 S36 1985 PLS 1305 <i>44.29 S82°58'E</i>
⑩	Fd. 1" steel rod 7" out of ground (no record) brs N 71° 51' 13" W 130.45 ft. from W.C. Set W.C. - USFS cap and pipe brs N 75° 09' 16" E 108.06 ft. on line from true position.	New BT's: 22" Alder (edge of bank) brs S 52° E 57.5 ft., bark scribed "X" BT; 12" Alder brs N 15° E 86.0 ft. bark scribed "X" BT.
⑪	Set 3/4" alum. cap on 5/8" x 30" rebar. Rock mound.	New BT's: 5" D. Fir brs S 54° E 15.2 ft., scribed "X" BT; 7" D. Fir brs S 61° W 34.4 ft., scribed BL3 S1 BT.
⑫	Set USFS cap and pipe. Rock mound.	New BT's: 10" D. Fir brs N 6° E 30.4 ft., scribed B APS1 BT; 11" D. Fir brs N 74° E 28.3 ft., scribed B APS1 BT.
⑬	Set USFS cap and pipe. Rock mound.	New BT's: 10" D. Fir brs N 4° W 43.0 ft., scribed BL3 S1 BT; 9" D. Fir brs N 65° E 1.0 ft., scribed BL2 S1 BT



CORNER NO.	MONUMENT	ACCESSORIES
⑭	Set USFS cap and pipe.	New BT's: 35" D. Fir brs N 72° W 18.9 ft., scribed BWP S1 BT; 26" D. Fir brs N 20° W 12.0 ft., scribed BWP S1 BT.
⑮	Set W.C. - USFS cap and pipe, brs N 0° 39' 52" E 23.26 ft. on line from true position.	New BT's: 34" D. Fir brs S 21° E 10.5 ft., scribed "X" BT; 10" Maple brs N 16° W 7.8 ft., scribed "X" BT.
⑯	Fd. original "X" in rock by Whipple, approximately 5" x 5" in vertical rock face.	WC to MC 6   ⑮ brs N 78° E 23.2 ft.
⑰	Fd. 2 1/2" brass cap in 1" G.I.P.	Fd. Douglas County BT: 49" Spruce snag brs S 8° E 111.5 ft., visible scribe.
⑱	Fd. original stone 6" x 12" x 22" in upright position. Buried stone. Set USFS cap and pipe. Rock mound.	Fd. possible remains of original cedar BT, now a windfall out of position. New BT's: 7" R. Cedar brs S 14° W 24.8 ft., scribed T225 R11W S1 BT; 11" R. Alder brs S 22° E 41.2 ft., scribed T225 R10W S6 BT.
⑲	Fd. 3/2" brass cap on 2 1/2" iron pipe set by GLO.	Fd. GLO BT: 20" D. Fir brs N 66° W 4.2 ft., (N 70° W 4.6 ft.) healed. Fd. unrecorded BT: 11" D. Fir brs N 86° E 5.8 ft., healed.
⑳	Fd. 1" iron pipe set by GLO-1919.	Fd. GLO BT's: 56" Hemlock brs N 2° E 29.0 ft., rotten face; 50" D. Fir stump brs N 60° W 19.1 ft., visible scribe.
㉑	Set USFS cap and pipe. Rock mound.	New BT's: 23" D. Fir brs S 66° W 19.9 ft., scribed TL5 S36 BT; 30" D. Fir brs S 16° W 30.5 ft., scribed TL5 S36 BT.
㉒	Fd. 1" x 30" iron post set by GLO-1919 at corner position, cap has been broken off. Buried pipe. Set USFS cap and pipe. Rock mound.	Fd. GLO BT: 38" Maple brs N 80° E 33 ft., no marks. New BT's: 12" Maple brs N 67° E 88.5 ft., scribed 1/4 S31 BT; 18" Maple brs S 19° E 49.1 ft., scribed 1/4 S31 BT.
㉓	Fd. cap under water.	Rock bluff brs S 51° W 98.7 ft., scribed X 80.

Additional Monumentation

- A. Fd. Lecklider 5/8" I.R. brs S 89° 56' 53" W 1432.91 from ⑱
- B. Fd. 1" steel pin, no record, brs N 16° 04' 06" W 71.20 from ⑩
- C. Fd. Lecklider 2" pipe brs N 55° 54' 35" W 539.34 from ⑩
- D. Fd. 2" alum. cap on 1/2" x 30" I.R. set in 1984 under this contract for traverse reference brs *N 62° 45' 37" W 255.74 ft.* from ⑩
- E. Fd. 2" alum. cap on 1/2" x 30" I.R. set in 1984 for traverse reference brs N 56° 08' 54" W 1352.53 from ⑩
- F. Fd. 2" I.P., no record, brs N 67° 36' 35" W 467.30 from ③
- G. Fd. Lecklider 2 1/2" G.I. pipe, BT's - 18" D. Fir West 1.3 ft; 27" D. Fir North 10.0 ft. both with healed faces brs S 88° 29' 12" W 565.95 from ⑤
- H. Fd. Lecklider 1 1/2" G.I. pipe brs N 89° 32' 36" W 766.54 ft. from ⑧



MAP FILE M.99-21.58  
63/21



M 99-21/A+B

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 1212  
Oregon

FILED  
October 24, 1984 RECEIVED *JK*

AUG 12 1985

COUNTY SURVEYOR  
DOUGLAS COUNTY, ORE.

Mr. Dennis Moonier  
Regional Land Surveyor  
U.S. Forest Service  
P. O. Box 3623  
Portland, Oregon 97208

Dear Mr. Moonier:

Enclosed is the report of retracement and investigation of survey conditions along a portion of the south boundary of T. 21 S., R. 11 W., and a portion of the meanders of the right bank of the Umpqua River in T. 22 S., R. 11 W., Willamette Meridian, Oregon.

The investigation finds an area of approximately 33 acres of unsurveyed public land on the north side of the river. Official identification will require a full survey and an accepted plat of the two townships involved.

Sincerely,

*William W. Glenn*

William W. Glenn  
Chief, Branch of Cadastral Survey

Enclosure

C.S. File No. *63/21A*

M 99-21 A+B

FILED  
RECEIVED *7/8*

AUG 1 1925

COUNTY SURVEYOR,  
DOUGLAS COUNTY, ORE

Upon approval of Byars' plat in 1875, ownership of Lots 1 and section 36, T. 21 S., R. 11 W., was granted to the state. The state subsequently sold Lot 2 in 1884, and Lot 1 in 1887, and in 1891 selected 24.90 acres for the deficiency in Lots 1 and 2 caused by the Umpqua River passing through section 36. This deficiency selection was approved in 1892. In 1893 Thiel's survey plat was approved creating new Lots along the south boundary of section 36 (in conflict with Byars' Lots), which then were granted to the state. The state sold Lots 3, 4, and 5 in 1906, Lot 1 in 1912, and in 1940 sold 16.70 acres of Lot 2 which they determined was left as unsold land, the difference being the acreage differences between Byars' Lot 1 and Thiel's Lot 2. There is no way to determine where this 16.70 acres was intended to be located on the ground however.

*T. 21 S. R. 11 W. of sec 36 lots*

As the unsurveyed, unreturned area located between the Byars north boundary of section 1, T. 22 S., R. 11 W., and the Thiel south boundary of section 36, T. 21 S., R. 11 W., is substantial (approximately 33 acres), it is recommended that the Special Instructions be supplemented to provide for the dependent resurvey and survey required to identify and mark its boundaries. As the area is located in neither T. 21 S., R. 11 W. or T. 22 S., R. 11 W., the customary method is to identify it as T. 21½ S., R. 11 W. Because of its proximity to section 1, T. 22 S., R. 11 W., and section 36, T. 21 S., R. 11 W., it is recommended that the area be designated Tract 37, T. 21½ S., R. 11 W. to avoid confusion. The supplemental instructions should authorize the dependent resurvey of that portion of the east boundary of section 1, T. 22 S., R. 11 W. between the recovered original meander corner of sections 1 and 6 on the left bank of the Umpqua River and the recovered original corner of Tps. 22 S., Rs. 10 and 11 W., reestablishing and remonumenting the lost meander corner of sections 1 and 6, on the right bank of the Umpqua River at proportionate distance, based on the Byars record for this line, and remonumenting the original township corner recovered during this investigation. Retrace and adjust the Whipple record meanders on the right bank of the Umpqua River, reestablishing both the Byars and Thiel meander corner of sections 1 and 36, based on Whipple's record. Resurvey the Thiel south boundary of section 36, establishing the W 1/16 section corner for section 36 only.

Survey the north boundary of section 1 from the township corner, westerly to the reestablished Byars meander corner of sections 1 and 36 on the right bank of the Umpqua River, establishing the point for Byars' southeast corner of Lot 1, section 36, T. 21 S., R. 11 W., at a proportionate distance, based on Byars' departure for the south boundary of section 36, as protracted on the plat for T. 21 S., R. 11 W. This corner will also function as the southwest corner of Tract 37, T. 21½ S., R. 11 W.

M 99-21 A+B

FILED  
RECEIVED *JK*

AUG 12 1985

COUNTY SURVEYOR  
DOUGLAS COUNTY, ORE.

To determine the west boundary of Tract 37, T. 21½ S., R. 11 W., it will be necessary to establish the point for the northeast corner of Byars' Lot 1, section 36, which can be accomplished by establishing the S 1/16 section corner of sections 35 and 36 at proportionate distance and surveying a line easterly 40 chains in departure to intersection with a line surveyed northerly 20 chains in latitude from the previously established southeast corner of Byars' Lot 1, section 36. The point for the northwest corner of Tract 37, T. 21½ S., R. 11 W., is at the intersection of the east boundary of Byars' Lot 1 and the Thiel south boundary of section 36, T. 21 S., R. 11 W.

The Forest Service has reacquired Lots 3, 4, and 5 (Thiel) in section 36, which further complicates the problem, as it appears from coordinates developed during this investigation that a small area in the southwest corner of Lot 3 is in conflict with the northeast portion of Byars' Lot 1, which has senior title. This situation was not anticipated or specifically addressed in the instructions authorizing this investigation, but consideration should be given to surveying the west boundary of Lot 3, section 36 in order to identify the area in conflict.

*(S) Glenn F. Goodson*

Glenn F. Goodson  
Cadastral Surveyor

942:GFGoodson:es:7/30/84

M 99-21A+B

9600 (942)  
Group 1212 OR

FILED  
RECEIVED *RL*

July 30, 1984

COUNTY SURVEYOR  
DOUGLAS COUNTY, ORE.

Memorandum

To: William W. Glenn, Chief, Branch of Cadastral Survey

From: Glenn F. Goodson, Cadastral Surveyor

Subject: Report of Investigation of Survey Conditions Along a Portion of the South Boundary of T. 21 S., R. 11 W., a Portion of the North Boundary of Section 1, and Meanders of the Right Bank of the Umpqua River, T. 22 S., R. 11 W., Willamette Meridian, Oregon.

This investigation was authorized under Special Instructions dated June 7, 1984, and Assignment Instructions dated June 11, 1984, under Group No. 1212. The field examination was executed from June 25, 1984 through June 29, 1984, the results of which are contained in the investigation field notes and sketch plat accompanying this report. The history of surveys is contained in the field notes.

This investigation confirms the existence of an unsurveyed, unreturned area of approximately 33 acres between the north boundary of section 1, T. 22 S., R. 11 W. (Byars), and the south boundary of section 36, T. 21 S., R. 11 W. (Thiel), and easterly of Byars' Lot 1, section 36.

The problem originated in 1874 when Byars erred in both his bearing and distance tie across the Umpqua River between the meander corner of sections 1 and 2, T. 22 S., R. 11 W., on the left bank, and the meander corner of sections 35 and 36, T. 21 S., R. 11 W., on the right bank. (Record, North, 39.82 chs.; actual, N. 22° 14' W., 37.89 chs.). The error was discovered by Thiel in 1891 when he surveyed the south boundary of section 36, T. 21 S., R. 11 W., intersecting the right bank of the river not at S. 65° E., 35.20 chs. dist., as Byars reported but at S. 76° 03' E., 5.22 chs. dist. from the Byars meander cor. of secs. 35 and 36. In his quest for the problem, he did discover and report a distance error in Byars' triangulation across the river. Thiel then set a new meander corner for sections 1 and 36, ignoring the discrepancy between the Byars north boundary of section 1 and his new south boundary of section 36, creating new lotting for section 36 which in reality partially overlaps the Byars Lots 1 and 2 in section 36. In 1893-94 Williams R. Whipple, under instructions issued by Byars, who was now the Surveyor General for Oregon, conducted an examination of a portion of the Byars meanders and east boundary of T. 22 S., R. 11 W., and the Thiel south boundary of section 36, T. 21 S., R. 11 W., and his report reflects the conditions pretty much as they exist today.

C.S. File No. 63/210

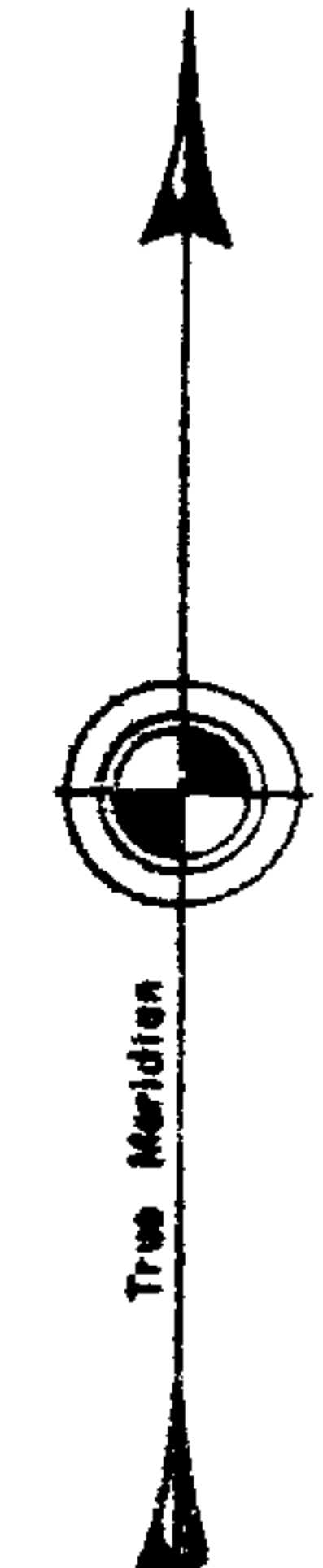
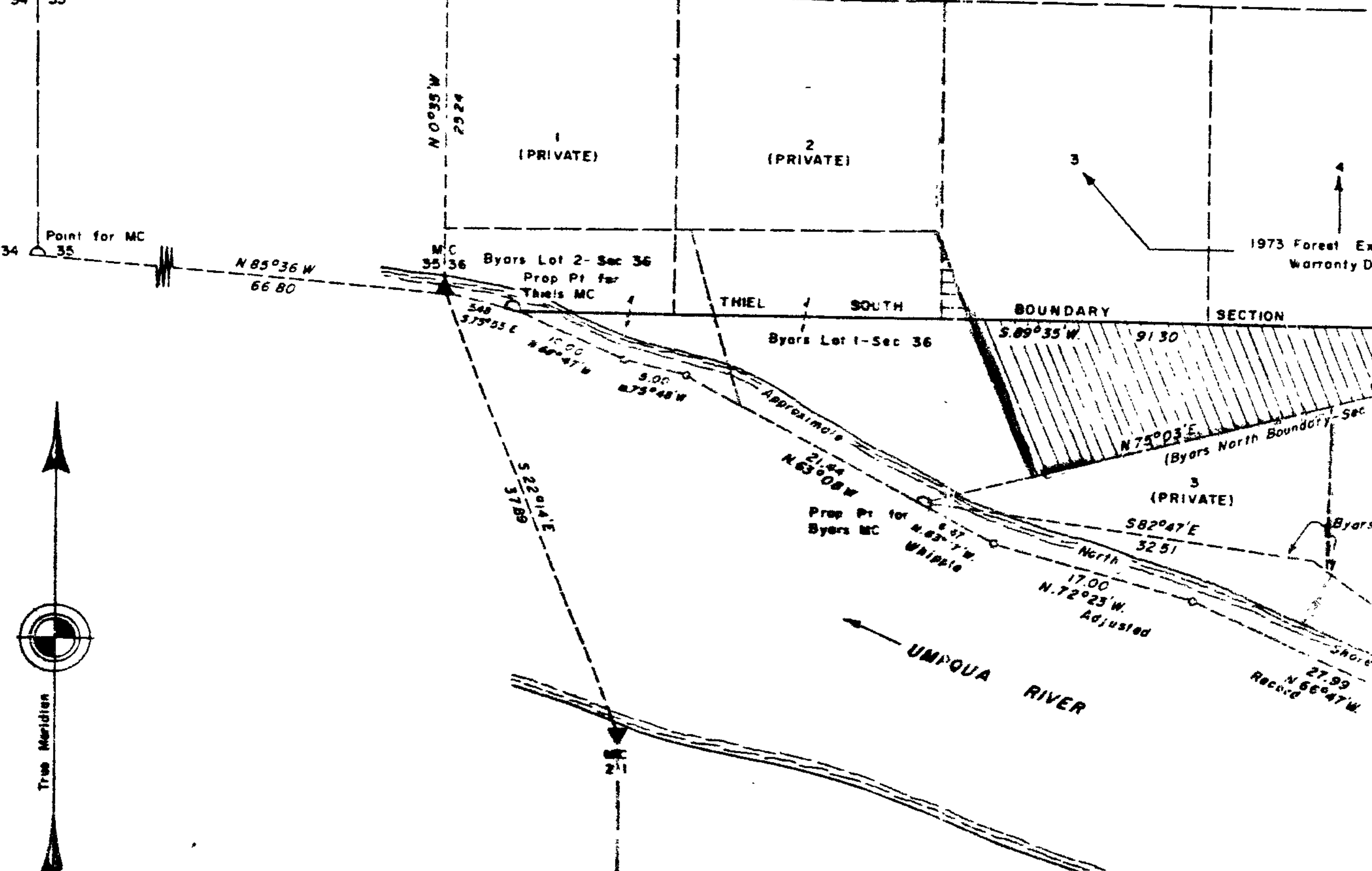
M 99-21 A+B

# COUNTY SURVEYORS FILE DATA DO NOT REMOVE FROM OFFICE

## DIAGRAM TO ACCOMPANY INVESTIGATION REPORT GROUP No. 1212 T.21 and 22S., R.11W., W.M., OR.

1/4 Cor  
34 35  
Fd by Prochnou

Local 1/4 Cor Secs 35 and 36, reestablished by Harold Lewis, Registered Engineer No 772, in 1939



### LEGEND



Unreturned Area



Area in Conflict with  
FS. Exchange Deed

# COUNTY SURVEYORS FILE DATA DO NOT REMOVE FROM OFFICE



M 99-21 A+B

Group 1212, Tps 21 and 22 S., R. 11 W.

Meeting on May ~~16~~ 1985, was attended by

Larry Hunnimmuller, F.S.  
Jim Prochnau, Private Land Surveyor  
Glenn Goodson, BLM  
Dan Berry, BLM

FILED  
RECEIVED

COUNTY SURVEYOR  
DOUGLAS COUNTY, ORE.

Forest Service has decided to contract with Prochnau to delineate F.S. lands in section 36, T. 21 S., R. 11 W., and section 1, T. 22 S., R. 11 W. Their contract will be based on the diagram submitted with the report dated July 30, 1984, by Glenn Goodson. Procedures discussed are as follows:

Section 36, T. 21 S., R. 11 W

1. Northeast corner of lot 5--will be established at record latitudinal distance north as shown on plat approved May 6, 1983; i.e., 26.40 chains. Alignment will be controlled by nearest found corners on range line (Mensch plat)
2. Northwest corner of lot 3 would be proportioned between northwest corner of lot 1 and northeast corner of lot 5, based on 60 chains west departure from northeast corner of lot 5.
3. Thiel's lost meander corner on the south boundary of section 36 would be reestablished, by proportion, along meanders as resurveyed by Whipple.
4. The southwest corner of lot 3 would be reestablished at proportionate distance between Thiel's meander corner on the south boundary of section 36, and the southeast corner of section 36, based on 60 chains west departure.
5. The west boundary of lot 3 would be surveyed between established northwest and southwest corners of lot 3.
6. Byars' lost meander corner on the north boundary of section 1 would be reestablished at proportionate distance along adjusted meanders as resurveyed by Whipple.
7. The southeast corner of Byars' lot 1, section 36, would be established at proportionate distance between Byars' meander corner on the north boundary of section 1, and the northeast corner of section 1, based on record 40 chains east departure (Byars' plat for T. 21 S., R. 11 W.) Total record distance for the line between sections 1 and 36 will be different depending on which of the two Byars' plats are used. The plat used should be the one that creates the least amount of unsurveyed area as determined by the proportionate position of the southeast corner of lot 1, section 36.
8. The northeast corner of Byars' lot 1, section 36, would be determined at intersection of a line extended 40 chains east departure from the northwest corner of Byars' lot 2, section 36, and a line extended 20 chains north latitude from Byars' southeast corner of lot 1, section 36.

M 99-21 A+B

Section 1, T. 22 S., R. 11 W.

1. The north boundary of section 1 would be surveyed between the northeast township corner and Byars' reestablished meander corner (No. 6 above)
2. The northwest corner of lot 2 (being acquired by F.S.) would be established at proportionate distance along the north boundary of section 1, based on record distance of 20 chains west departure. (Byars' plat for T. 22 S., R. 11 W.)
3. The line between lots 2 and 3 would be surveyed from the northwest corner of lot 2, parallel with the east boundary to an intersection with Byars' adjusted meander line.
4. Area between Byars adjusted meander line and present shore would be apportioned for lots 2 and 3, section 1, by extending a partition line perpendicular to the river, to the southeast corner of lot 3.

FILED  
RECEIVED

COUNTY SURVEYOR  
DOUGLAS COUNTY, ORE.