

Narration:

The purpose of this survey is to maintain existing monuments, set new property corners and post the property lines. I used a Jena O2OA theodolite and a Citation 450 E.D.M. to run a random traverse beginning at the North 1/4 corner of Sec. 29, and ran in a clockwise direction, connecting all the found corners to the traverse, closed and balanced traverse. Error of closure, 1:70,700. angular error, 00°00'03". The Southeast quarter of the Southwest quarter was then surveyed, closed and balanced. I set my corners from the traverses. Bearings are based on a solar observation taken by the North 1/4 corner. This area has been burned over and most of the references are destroyed or damaged. The Section was first surveyed in 1881 by Herman D. Gradon under Contract No. 416, dated Aug. 19, 1881. He set the Section and 1/4 corners, references noted in the corner descriptions under G.L.O. In 1971, Leland Meyers resurveyed the East, line, remonumenting and referencing the G.L.O. corners. He also set the North and South 1/16 corners on that line, noted in the corner descriptions under L.M. In 1971 and 1972 the Bureau of Land Management remonumented the corners on the West line and the North and South 1/4 corners, under special instructions dated May 3, 1957, approved May 6, 1957, which provided for the surveys included under U.S. Survey/Group Number 350, and assignment instructions dated June 10, 1971, Sep. 20, 1971 and July 14, 1972. Owen C. Chatters and Peter A. Peterson executed the work. The remonumentation and references are noted in the corner references under B.L.M. The reference number before each description matches the circled number on the plat beginning at the Northeast corner. The North 1/16 corner common to Sec's. 29 and 28 was not maintained per the contract agreement. The N.1/16 monument falls 0.33' East of true line and S.48°06'27"E., 0.49' from my computed midpoint position. The S.1/16 monument fell 0.22' East of true line and N.23°40'58"E., 0.56', from my computed midpoint position. Both monument positions are accepted for the 1/16 corners. The N.W. corner of Sec. 29 was not tied to the traverse.

- R-4 1. Cor. Sec's. 20, 21, 28, 29, G.L.O. Set a sandstone 16"x14"x6", 11 ins. in the ground, marked with 2 notches on S. and 4 notches on E. edges, from which bear, 1. Pine 20" diam., N80°E., 30 lks., mkd. T11SR38ES21BT. 2. Pine 18" diam., S50°E., 84 lks., mkd. T11SR38ES28BT. 3. Pine 14" diam., S65°W., 217 lks. mkd. T11SR38ES29BT. 4. Pine 36" diam., N60°W., 75 lks., mkd. T11SR38ES30BT. L.M., Pd., The NE BT was down and nearly deteriorated. No scribing evident. The NW and SE BT's were down, but their scribing was legible. The SW BT was not found. A rock of the correct deminions was found in the proper location as measured from the bearing trees, but no markings could be found. Set a galvanized pipe 1"x30", flared, with a 2" aluminum cap to bedrock on the South side of the rock. It rises 12" above the ground due to bedrock conditions. Two reference trees were marked with metal tags which are, 1. Juniper 6" S.33°E., 34.6'. 2. Juniper 6" N.36°E., 16.8'. I found a 2 1/2" (2") alum. cap extending 11" above ground on a 1" iron pipe in a rock mound. 1. Burnt tag on a dead Juniper, N.36°E., 17.0', (16.8') to center of tree. 8" D.B.H. (6"). 2. 7" D.B.H. (6") burnt Juniper, S.33°E., 34.9' (34.6') to center of tree. Two nails remain; tag gone. Alum. cap mkd. per sketch. Set location poster, North, 55'±, on Juniper road North, 110'± and West, 160'±. Orinigal B.T's. 3. Pine, 20", N. 80°E., 30 links, only charred pieces remain. 4. Pine, 18", S.50°E., 84 links, no trace of this tree. 5. Pine, 14", S.65°W., 217 links, no trace of this tree. 6. Pine, 36", N.60°W., 75 links, stump is gone, only charred top remains. Set; 4-5/8"x30" rebars w/yellow plastic cap mkd. RPLS 1910 w/steel post alongside at; 1. N.7°W., 13.65', 2. N.75°E., 12.69', 3. S.6°E., 11.49', 4. S.72°W., 12.48'.
- R-7 2. 1/4 Cor. S.20, S.29, G.L.O., set a granite stone 12"x10"x8", 8" in the ground mkd. 1/4 on the North face, from which bear, 1. a 24" diam. Pine, N.30°W., 40 links, mkd. 1/4 S BT, 2. a 30" diam. Pine, S.60°W., 89 links, mkd. 1/4 SBT. B.L.M. Pd. 1/4 Sec. Cor. of Secs. 20 and 29, monumented with the original basalt stone, (record, granite) 12x10x8 ins., firmly set 8 ins. in the ground, mkd. 1/4 on the N. face, from which the remains of the original bearing trees: 1. a sawed Pine stump, 22 ins. diam., bears N. 30°W., 40 lks., dist., with fragmentary scribe marks visible on open blaze. 2. A sawed Pine stump, 30 ins. diam., bears S. 60°W., 89 lks. dist., no marks visible. At the corner point set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, from which new trees bear, 1. A Ponderosa Pine, 11 ins. diam., bears N.19°E., 64 lks. dist., mkd. 1/4 S20 BT. 2. A Ponderosa Pine, 7 ins. diam., bears S. 16°E., 37 lks. dist., mkd. 1/4 S29 BT. Deposit the corner stone alongside the iron post. I found a 3/4" brass cap on a 2 1/2" iron pipe, extending 6" above ground in a stone mound. Cap marked per sketch. Drain, 100'± West. Trees are all burnt, no B.T's. available. 1. 11" D.B.H. Ponderosa Pine dead and broken, N.19°E., 64 links. Visible scribes on an open blaze. 2. 7" diam. Ponderosa Pine, S.16°E., 37 links, only a piece of wood w/scribes remains. 3. N.30°W., 40 links, only a hole w/fragment of stump remains. Original B.T. 4. S.60°W., 89 links, only a partial stump remains, Original B.T. Set; 4-5/8"x30" rebars w/yellow plastic cap mkd. RPLS 1910 w/steel post alongside at: 1. N.27°30'E., 13.07', 2. S.50°E., 14.34', 3. S.39°W., 13.50', 4. N.54°W., 15.02'.
- R-5 3. Cor Sec's. 19, 20, 29, 30, G.L.O., set a granite stone 12"x10"x6", 8" in the ground, mkd. with 2 notches on South and 5 notches on East edges, from which bear, 1. an 8" diam. Pine, N.50°E., 67 links, mkd. T11SR38ES20BT, 2. a 14" diam. Pine, S. 45°E., 58 links, mkd. T11SR38ES29BT, 3. a 12" diam. Pine, S.30°W., 178 links, mkd. T11SR38ES30BT, 4. a 30" diam. Pine, N.20°W. 41 links, mkd. T11SR38ES19BT. B.L.M. found, 1. pine, 16" diam., bears N.58°E., 67 lks., with healed blaze. (record, N.50°E.) 2. pine, 18" diam., bears S.45°E., 58 lks., with healed blaze. 3. pine, 16" diam., bears S.30°W., 128 lks., with scribe marks T11SR38ES30BT visible on partially open blaze. (Record, 178 lks.) Set an iron post, 28" long, 2 1/2" diam., 24" in the ground, with brass cap, from which new bearing trees, 1. a ponderosa pine, 6" diam. bears N.55°E., 27 lks., mkd. T11SR38ES20BT, 2. a fir, 9" diam., bears S.9°W., 69 lks., mkd. T11SR38ES30BT, 3. a fir, 7" diam., bears N.67°W., 65 lks., mkd. T11SR38ES19BT. I found a 3/4" brass cap on a 2 1/2" iron pipe 2"± above ground in a rock mound. Cap mkd. per sketch. Road, S.60°W., 15'±, 50'±, from end. Steel post beside monument. Cor is on N.E. slope in burnt timber. No trees available for B.T's.. 1. a 14" high x 20" diam. Ponderosa Pine stump, no marks, N.58°E., 67 lks., (N.50°E.). 2. a 24" high x 26" diam., Ponderosa Pine stump, no marks, S.45°E., 58 lks., 3. a 16" high x 22" diam. Ponderosa Pine stump, w/face seam, S.30°W., 128 links, (178 lks.) no mks. 4. 6" D.B.H. Ponderosa Pine burnt snag, N.55°E., 27 links, w/scribes on face, 5. 10" D.B.H. (9") Douglas Fir snag, w/healed face, S.9°W., 69 links, 6. 9" D.B.H. (7") Douglas Fir snag, w/healed face, N.67°W., 65 links, Set; 4-5/8"x30" rebars with yellow plastic caps mkd. RPLS 1910, with steel posts alongside, at; 1. N.54°E., 12.63', 2. S.23°E., 15.07', 3. S.59 1/2°W., 27.50' 4. N.23 1/2°W., 22.00'.
- S-9 4. N.1/16, S.29, S.28, L.M., set a 5/8"x30" rebar with a Surv-kap extends 4" above the ground. A reference tree marked with a metal tag is; Pine, 5", S70°E, 29.5', from the corner. Corner is in a dense stand of small pine reproduction. I found a 5/8" iron rod, cap melted, 5" above ground. Reference tree dead and down, S.70°E., 29.5', partial nails remain, tag gone. I set nothing at this corner.
- T-9 5. 1/4 cor., S.29, S.28, G.L.O., set a basalt stone, 16x12x6 ins. 11 ins. in the ground, mkd. 1/4 on W. face, from which bear; 1. a pine, 36" diam., N.25°E., 8 lks., mkd. 1/4 SBT, 2. a pine, 15" diam., S.60°W., 77 lks., mkd. 1/4 SBT. L.M., found, a rock with no marks of the correct size and location from the NE bearing tree accepted as the corner. The NE BT was dead but still standing. The other BT was a stump with no marks. NE BT was noted as, dead pine, 36", N.30°E., 6.0'. He set a 1"x30" flared galvanized pipe with a 2" aluminum cap to bedrock and extends 6" above the ground to the West of the rock. Reference tree was a D. Fir, 3", S60°W, 12.2', from the corner. Corner is located on hillside with heavy fir and pine reproduction. I found a 2 1/2" alum. cap on a 1" iron pipe extending 6" above ground and beside a stone. Cap mkd. per sketch. 1. (36" Pine, N.25°E., 8 lks.) N.30°E., 6.0', hole with part of stump remains, original B.T.. 2. (15" Pine, S.60°W., 77 lks.) hole with partial stump remains, original B.T.. 3. Douglas Fir snag, S.60°W., 12.2', no marks, nails remain. Burnt area, no trees available for B.T's.. I set 4-5/8"x30" rebars with yellow plastic caps marked RPLS 1910 at; 1. N.71 1/2°E., 12.23', 2. S.42 1/2°E., 12.19', 3. S.51°W., 14.61', 4. N.1°W., 12.04'.