

WEST-EAST IN
NORTH
T. 28 S. R. 24 E.

CONTAINS 87
PHILIP WATZEL
U.S. G.P.O. 1880

1577

1577

1577

BOOK 1577

4-671

FIELD NOTES
GENERAL LAND OFFICE.

of the survey of the
West, East and North Boundaries
of
Township No. 23 South
Range No. 22 East
of the
Gila and Salt River Basins and Maricopa
in the
Territory of Arizona
As surveyed by
Philip Cortzen
U. S. Deputy Surveyor
Under his contract No. 87
Dated August 24, 1901.

Survey commenced September 25, 1901.
Survey completed September 29, 1901.

West boundary of S 23 S, R 22 E - Continued
Chains

Survey commenced September 25, 1901,
and executed with a W. & L. E. Gentry
light mountain transit No. 4607.
Commenced at the end of Sps 23 and
24 S, Rs 21 and 22 E, as heretofore
described.

A $7^{\text{h}} 40^{\text{m}}$ a.m., in l. Post off $31^{\circ} 23'$ on
the lat. arc, $0^{\circ} 43'$ S on the decl arc
and determining a true meridian with
the solar.

Turner Run

A bet secs 31 and 36.

Over land

38.40 Road, from E end W

4.000 Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 24 ins in
the ground, for $\frac{1}{4}$ sec on, marked
 $\frac{1}{4}$ S 36 on W and S 21 on E faces;
dig pits 18 x 18 x 12 ins, N and S of

West boundary of S 23 S R 22 E - Continued
Chain

Post, 3 ft dist, and raised a mound
of earth 3 1/2 ft base, 1 1/2 ft high, W of
cor.

4 c. 60 Wash 10 lbs wide, course S easterly.

8 c. 00 Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 4 ins in
the ground, for cor of secs 25, 30, 31
and 36, marked,

S 23 S S 30 on NE

R 22 E, S 21 on SE

S 36 on SW and

R 21 E, S 25 on NW faces, with 1
notch on S and 5 notches on N
edges; dug pits 18x18x12 ins in each
sec, 5 1/2 ft dist, and raised a mound
of earth 4 ft base, 2 ft high, W
of cor.

Land, level.

Soil, gravelly; 3^d rate.

West boundary of Sec 5, R23E, T28N - continued

Chains

No timber.

N bet. secs 25 and 30.

Over level land.

9.80

Road, bears N E and S W

4.000

Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S 25 on N and S 30 on E faces, dug pits 18 x 18 x 12 ins, N and S of post, 3 ft dist, and raised a mound of earth 3 ft base, 1 1/2 ft high, P of cor.

45.00

Rash, 10 lbs wide, course easterly.

8.000

Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of secs 19, 24, 25 and 30, marked

Set ²³ S. S 19 on N E,

West boundary of Sec 4, R22E - Continued

Chains

R22E, S 30 on SE

S 25 on SW, and

R22E, S 40 on NW faces, with 2
notches on S and 4 notches on N
edges; dug pits 18x18x12 ins in each
sec, 5 1/2 ft. dist, and raised a mound
of earth 4 ft base, 2 ft high, W
of cor.

Land, level

Soil, gravelly, 3. Prati

No timber.

N bet sees 19 and 24.

Over level land.

4.000

Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 24 ins in
the ground, for 4 sec cor, marked
1/4 S 40 on W and S 19 on E faces; dug
pits 18x18x12 ins, N and S of post, 3

West boundary of Nos 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Chamie

No timber.

N bet sres 25 and 30.
Poor level land.

9.8.0 Road, runs N E and S W

4.0.0 Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S 25 on N and S 30 on E faces, dug pits 18 x 18 x 12 ins. N and S of post, 3 ft dist, and raised a mound of earth 3 x ft base, 1 1/2 ft high, ft of soil.

45.60 Wash, 10 lbs wide, runs easterly.

8.0.0 Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of sres 19, 24, 25 and 30, marked

²³ S 24 S. S 19 on N E,

West boundary of Sec 4, R22E - continued

Chains

R22E, S30 on SE

S 60 on SW, and

R22E, S 40 on NW faces, with 2 notches on S and 4 notches on N edges, dug pits 18x18x12 ins in each sec, 5 ft dist, and raised a mound of earth 4 ft base, 2 ft high, N of cor.

Land, level

Soil, gravelly, 3' drift

No timber.

N bet secs 19 and 24.

Over level land.

4-000

Set a rounded post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for 4 sec cor, marked 1/4 S 24 on W and S 19 on E faces, dug pits 18x18x12 ins, N and S of post, 3

West boundary of Sec 8, R 22 E - Continued

Chains

ft dist, and raised a mound of earth 3 1/2 ft base, 1 1/2 ft high, W of cor.

8000

Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 2 1/4 ins in the ground, for cor of sec 13, 18, 19, and 24, marked

S 23 S, S 18 on NE,

R 22 E, S 19 on SE

S 24 on SW and

R 21 E, S 13 on NW faces, with 3 notches on S and N edges; dug pits 18 x 18 x 12 1/2 ins in each sec, 52 ft dist, and raised a mound of earth 4 ft base, 2 ft high, W of cor.

Land level.

Soil, sandy loam and gravelly;
1st and 3rd grade.

West boundary of Nos S 23 & R 22 E - Continued
 Charles A. Knicker.

N bet sees 13 and 18
 Over land land.

7.40 Road, bears S E and N W

4.000 Set a 4 cornered post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 13 on W and S 18 on E faces, dug pits 18 x 18 x 12 ins, N and S of post, 3 ft dist, and raised a mound of earth 3 x 3 ft base, 1 1/2 ft high, W of cor.

8.000 Set a 4 cornered post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of sees 7, 12, 13 and 18, marked S 23 S 17 on N E, R 22 E, S 18 on S E

West boundary of Sec 13 S R22E - Continues

Chains

S 13 on SW corner

R 21 E, S 12 on NW corner, with 4 notches on S and 2 notches on N edges, dug pits 18x18x12 ins in each sec, 5 ft dist, and raised a mound of earth 4 ft base, 2 ft high, W of ea.

Land level.

Soil, gravelly, 5th rate
No timber

Net bet secs 7 and 12.

Over level land

4000

Set a wooden post, 3 ft long, 4 ins ^{sq} in the ground, for 4 sec, marked 4 S 13 on N and S 7 on E faces, dug pits 18x18x12 ins, N and S of post, 3 ft dist, and raised a mound of earth 3 ft base, 1 1/2 ft high,

West boundary of Nos 1, 2 & 3 E - Continued
 Chains of ca.

8,000 Set a redwood post, 3 ft long, 4 ins
 sq, with marked stone, 24 ins in
 the ground, four on of sres 1, 6, 7
 and 12, marked

Nos 1, 2 & 3 on NE,

Nos 4, 5 & 6 on SE

S 12 on SW and

Nos 1, 2 & 3 on NW faces, with 5
 notches on S and 1 notch on N
 edges, dug pits 18 x 18 x 12 ins in
 each sres, 5 ft dist, and raised
 a mound of earth 4 ft base, 2 ft
 high, W of ca.

Land, incl,

Soil, gravelly; 6 or 8 tons

Not under.

A bet sres 1 and 6.

West boundary of Res S, Res E - Continued

Chain

Over gently rolling land

40.00

Set a redwood post, 3 ft long, 4
 ins sq, with marked stone, 24
 ins in the ground, for a sec cor,
 marked 4 S, on N and S in
 E face; dig pits 18 x 18 x 12 ins,
 N and S of post, 3 ft dist, and
 raised a mound of earth 3 1/2 ft
 base, 1 1/2 ft high, W of cor.

41.00

Enter scattering mesquite under
 growth, bear N E and S W

68.46

Wash, 10 lbs wide, course N easterly

70.00

Leave scattering and enter dense
 mesquite undergrowth, bear E
 and N

80.00

Set a redwood post, 3 ft long, 4
 ins sq, with marked stone, 24
 ins in the ground, for cor of Res
 22 and 23 S, Res 21 and 22, E

West boundary of S 23 S, R 22 E - continued

Chains

marked

S 22 S, S 31 on NE

R 22 E, S 6 on SE

S 1 on SW end

R 21 E, S 36 on NW faces, with 6
notches on each edge, dug pits24 x 24 x 12 ins on each line, NE
and NW 4 ft, and S of post, 8 ftdist, and raised a mound of
earth 3 ft base, 2 1/2 ft high, S
of NW.

Land, gently rolling

Soil, gravelly, 3^d rate.No timber, undergrowth, mes-
quite

Dense undergrowth, 11.00 chs

September 25, 1901

West boundary of Sec 3 S, R 20 E - bounded
Chains

General Description

This township is a level and rolling
land. Sec 3 S, R 20 E is mainly level
and rolling, the western portion is
mountainous. The soil is sandy and
gravelly and covered with nutritious
grasses. Oak timber abounds in the
western tier in which there are
a number of springs and several
ranches. This township should
be subdivided.

Philip Contzers
W. S. Deputy Surveyor.

East boundary of S 23 S R 22 E - Continued
 Chains

September 26, 1901. Commence at the
 cor of Sps 23 and 24 E, Sec 22, and
 23 E which is a stone marked and
 witnessed as described by the
 surveyor general.

At this cor at 7:15^{am} run, S
 set off 61.23' on the lat. arc, 1.07' S
 on the decl. arc, and determine
 a true meridian with the solar
 shadow gnomon.

W. bet. sec 31 and 36.

Over rolling land.

Through dense treets and sage
 brush.

4000 Set a redwood post, 3 ft long, 4 ins
 sq, with marked stone, 24 ins in
 the ground, for $\frac{1}{4}$ sec 36, marked
 $\frac{1}{4}$ S 36 on W, and S 21 on E
 faces; dug pits 18x18x2 ins, 7 and

East boundary of Sec. 1, R. 22 E - Continued

Chains

Top post, 3 ft. dist. and raised a mound of earth $5\frac{1}{2}$ ft. base, 1 ft. high, W of cor.

S. 000

Set a sandstone $18 \times 10 \times 8$ ins, 10 ins. in the ground, for cor of secs 25, 30, 31, and 36 marked with 1 notch on S and 5 notches on N edges; dug pits $18 \times 18 \times 12$ ins in each sec, ^{$5\frac{1}{2}$ ft. dist.} and raised a mound of earth 4 ft. base, 2 ft. high, W of cor.

Land, rolling

Soil, gravelly, 3^d rate

No timber, undergrowth, sage-bush and treota.

Dense undergrowth, S. 000 Chs.

N bit secs 26 and 30.

Over gently rolling land.

East boundary of S 23, T 22 E - continued
Chains

Through dense sage brush, tesota
and mesquite undergrowth.

4000 Set a wooden post 3 ft long, 4
in sq, with marked stone, 24 ins
in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ S 25 on N and S 30
on E faces; dig pits 18x18x12 ins,
N and S of post, 8 ft dist, and
raised a mound of earth $3\frac{1}{2}$ ft
base, 1 $\frac{1}{2}$ ft high, W of cor.

8000 Set a sandstone 18x12x5 ins, 12
ins in the ground, for cor of secs
19, 24, 28 and 30, marked with
2 notches on S and 4 notches
on N edges; dig pits 18x18x12 ins
in each sec, $5\frac{1}{2}$ ft dist, and
raised a mound of earth 4 ft
base, 2 ft high, W of cor.
Land, gently rolling.

East boundary of T23S, R22E - Continued

Chains

Soil, gravelly; 3^d rate.No timber; undergrowth, sage
bush, broom and mesquite

Dense undergrowth, 8,000 lbs.

N bet secs 19 and 24.

Over rolling land.

Through dense undergrowth.

5.15

Road to Richards' bars E and W.

4,000

Set a granite stone, 18x10x8 ins, 12
ins in the ground, for $\frac{1}{4}$ sec cor, marked
 $\frac{1}{4}$ 24 on W and 19 on E faces; andraise a mound of stone 22 ft base,
12 ft high, W of cor. Set impracticable.

48.40

Wash 20 lbs wide, course ^{easterly} ~~west~~ only.

8,000

Cor point falls in wash, 10 lbs wide
course, ~~west~~ ^{easterly} only.

8,000

Set a granite stone, 18x10x8 ins, 12
ins in the ground, for witness cor

East boundary of T23 S, R22 E - Continued
Chains

to cor of sees 19, 24, 13, and 18,
marked W. C. with 3 notches on S
and N edges; dug pits 18x18x12 ins
in each see, 5 1/2 ft. dist, and raised
a mound of earth 4 ft base, 2 ft
high, N of cor.

Land, rolling.

Soil, gravelly; 3rd rate.

No timber; undergrowth, sage
brush, trestle, mosquito and cotton.

Dense undergrowth, 8,000 lbs.

September 26, 1901.

September 27, 1901.

N bet sees 13 and 18, from true cor. pt.

Over level and rolling land

through dense undergrowth

9.60 Road to Packard's station, bears
E and N.

15.80 Wash 10 lbs wide, across Easterly.

East boundary of Sec 23 S, R22 E - continued

Chains

4000

Set a granite stone 18 x 12 x 8 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ 13 on N and 18 on E faces; dig pits 18 x 18 x 12 ins, N and S of stone, 3 ft dist and raise a mound of earth $3\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, W of cor.

46.70

Wash 10 lbs wide, course easterly

49.00

Set a granite stone 18 x 12 x 10 ins, 12 ins in the ground, for witness cor to cor of Secs 7, 12, 13 and 18, marked W.C. with 4 notches on S and 2 notches on N edges; and raise a mound of stone $3\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, W of cor. Pits impracticable.

From this cor a mesquite 6 ins diam, bears N 89° W, 181 lbs dist, marked

Sec 23 S, R22 E, S 13, B. 7

5000

5 ft point for sec cor falls in wash, 20 lbs wide, across S. wash
sand, level and rolling

East boundary of S 23 S, 16 22 E - Continued

Chains

Soil, gravelly. 3^d rate.No timber; undergrowth, sage brush,
brosas, and mesquite.

Dense undergrowth, 8000 lbs.

- N bet sees 7 and 10, from true ^{02.} ft.

Over bush and rolling land.

Although dense undergrowth

40.00 Set a rounded post, 3 ft long, 4 ins
sq, with marked stone, 2 1/4 ins in
the ground, for 1/4 sec cor, marked
1/4 S 12 on W and S 7 on E face,
dig pit 18 x 18 x 12 ins. N and S of
post, 3 ft dist, and raise a mound
of earth 3 1/2 ft base, 1 1/2 ft high, W
of cor.

43.70 Embank, 20 lbs wide, course easterly

54.50 Road, bears E and W

80.00 Set a limestone 18 x 12 x 10 ins, 12 ins

East boundary of Sec 23, R 22 E - Continued
 Chain

in the ground, for cor of secs
 1, 6, 7 and 12, marked with 5 notches
 on S, and 1 notch on N faces
 and raise a mound of stones 2
 ft base, 1 1/2 ft high, W of cor.
 It's impracticable.

Land level and rolling.

Soil, gravelly; 8th rate.

No timber, undergrowth, sage brush,
 treacle and mesquite.

Dense undergrowth, 8,000 chs.

N bet secs 1 and 6.

Over level and rolling land.

Through dense undergrowth

38.60 Wash, 20 lbs wide, course, N easterly

44.000 Set a limestone 18 x 12 x 10 ins, 2
 ins in the ground, for 1/4 sec cor,
 marked 1/4 on N and 6 on E

East boundary of T 23 S, R 22 E - Continued

Chains

facies; dig pits 18x18x12 ins N and
 S of post, 3 ft. dist, and raise a
 mound of earth 3 1/2 ft base, 1 1/2 ft
 high, W of cor, from which a
 magnetic 5-mis. chain, bears N 48°
 W, 30 lbs. dist., marked 1/4 S, B. 77.

49.10 Middle of single track of the Virginia
 and Southeastern Railroad, bears
 N 30 1/2° W, and S 30 1/2° E

59.16 Telegraph line, bears N 30 1/2° W, and
 S 30 1/2° E.

80.00 Set a limestone 18x10x10 ins, 12 ins
 in the ground, for cor of Sps
 22 and 23 S, R 22 and 23 E, marked
 with 6 notches on each edge, and
 raised a mound of stone 2 ft
 base, 1 1/2 ft high, S of cor. Sets
 impracticable.

From this cor, red stake in the

East boundary of Sec 23, R23 E - Continuation

Chronic

North mountains bears N, $43\frac{1}{4}^{\circ}$ E,
 San Jose peak, Sonora, Mexico,
 bears S, $14\frac{3}{4}^{\circ}$ E,

Wnacinea peak bears S, 70° W.
 Baldy, Santa Rita Mountains, bears
 N, $71\frac{1}{4}^{\circ}$ W.

Land level and rolling

Soil, gravelly; *sua* prae.

No timber; undergrowth, sage brush,
 tesota and mesquite.

Dense undergrowth, 8,000 chs.

September 27, 1901.

General Description.

This line runs over level and
 rolling land and through dense
 undergrowth. The eastern portion
 of Sec 23, R23 E, is covered by

East boundary of Sec 1, T22E, R22E - Concluded

Chassis

The Mule mountains, while the western portion is rolling land, cut up by numerous gulches and washes and covered with dense sagebrush, tesota and mesquite undergrowth. The Arizona and Southern railroad traverses this township on the northwest side of the Mule mountains. There are two railroad stations known as Packard's and Naco Junction. There appears to be no settlers in the township.

Philip Couzzen
U. S. Deputy Surveyor.

North boundary of Sec 23 S, R22 E - Continued

Chains

September 28, 1901. Commenced at the cor of Sp 22 and 23 S, R21 and 22 E, as heretofore described.

At this cor at 7^h 30^m a.m. l.m.t., I set off 3128' on the lat wire, 1° 53' S in the decl arc and determined a true meridian with the solar gnomon.

Then I ran East on a random line along the N bdy of Sp 23 S, R22 E, pulling tape 4 sec and sec eors, at intervals of 4000 chs, and at 479.00 chs intersect E bdy of the Sp 72 chs S of the cor of Sp 22 and 23 S, R22 and 23 E, as heretofore described. The pulling answers to a correction of 0.05' or 12 chs per mile, counting from the NW cor of the

North boundary of T23 S, R22 E - continued

Chains Pp.

September 28, 1901.

September 29, 1901.

189.55 W, on a true line bet
secs 1 and 36.

Over rolling land with gradual
descent toward San Pedro valley
through dense sagebrush and
tussock.

16.85 Telegraph line, N 60° W, S 30° E.

17.71 Middle of single track of the
Arizona and Southern rail
road, bears N 30° W and S 30° E.

26.60 Wash, 20 lbs wide, course N
westerly.

40.00 Set a postwood post, 8 ft long, 4
ins sq, with marked stone, 4
ins in the ground, for 4 sec cor.

North boundary of S 23 S, R 22 E - continued

Chains

marked 4 S 36 on N and 1 on S faces, dig pits 18x18x12 ins, E and W of post, 8 ft. dist, and raise a mound of earth. 3 1/2 ft. base, 1 1/2 ft. high, N of cor.

8000

Set a granite stone 18x12x10 ins, 12 ins in the ground, for cor of secs 1, 2, 35 and 36, marked with 1 notch on E and 5 notches on W edges, and raise a mound of stone 1 ft base, 1 1/2 ft high, W of cor. Fits in, practicable.

Land, level and rolling.

Soil, sandy and gravelly, 2^d and 3^d rate.

No timber, undergrowth, sagebrush and treed.

Tree undergrowth, 8000 chs.

S 89.55¹⁴ W, on a true line bet

North boundary of S 23 T, R 23 E - continued
Chains

secs 2 and 35.

Over rolling land sloping W
Through dense undergrowth.

15.00 Enter draw, course S westerly

27.00 Leave draw

40.00 Set a redwood post, 3 ft long, 4
ins sq, with marked stave, 24
ins in the ground, for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ S 35 on N and S e
on S faces; dig pits 18x18x2 ins,
E and W of post, 3 ft dist, and
raise a mound of earth 3 $\frac{1}{2}$ ft
base, 1 $\frac{1}{2}$ ft high, N of cor.

80.00 Set a limestone 18x8x8 ins, 12 ins
in the ground, for cor of secs
2, 3, 34 and 35, marked with
2 notches on E and 4 notches on
W edges, and raise a mound
of stone 2 ft base, 1 $\frac{1}{2}$ ft high,

North boundary of Sec 3, R22E-Continued

Chains

W of cor. Site impracticable.
Land, rolling.

Soil, sandy and gravelly; 2^d and
3^d rate.

No timber; undergrowth, tesota
and grasswood.

Dense undergrowth, 8,000 chs.

S 89° 55' W, on a true line bet
secs 3 and 34.

Over rolling land.

Through dense sagebrush, tesota
and grasswood.

4-0-00 Set a limestone 18 x 10 x 6 ins, 12
ins in the ground, for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ & 34 on N and
& 3 on S faces, and raise a
mound of stone 2 ft base, $1\frac{1}{2}$
ft high N. of cor. Site im.

North boundary of Sec 8, T22E-Continued

Chains

Practicable.

- 63.00 Enter San Pedro valley.
 68.20 Road, bears NW and SE
 63.95 Wire fence, bears NW and SE
 70.00 Enter sacaton.
 80.00 Set a redwood post, 3 ft long, 4
 ins sq, 24 ins in the ground,
 with marked stone, for cor of
 Secs 3, 4, 33 and 34, marked
 Sec 8, S 34 on NE
 T22E, S 3 on SE
 Sec 8, S 4 on SW and
 S 3 on NW faces; with 3
 notches on E and W ridges;
 dig pits 18x18x12 ins in each
 cor, 5 1/2 ft dia, and raise a
 mound of earth 4 ft base, 2
 high, W of cor.
 Land, level and rolling.

North boundary of S 23 S, R 22 E - Continued

Chains

Soil, black loam, sandy and
gravelly, 1st, 2^d and 3^d rates,
No timber, undergrowth, sage-
brush, tesota, greasewood and
sacaton.

Undergrowth, 8000 chs.

S 89.55° W, on a true line bet-
wees 4 and 38.

Over level and gently rolling land

8.60 San Pedro River, 2 chs wide,
course variable.

36.00 Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24
ins in the ground, for witness
cor to $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 33
on N and S 4 on S faces; dig
pits 18x18x12 ins, E and W of
post, 3 ft dia, and raise a mound

North boundary of Sec 8, R22E-Continued
Chains

of runth 32 ft base, 1 1/2 ft high.
N of cor.

40.00 The point for 1/4 sec cor falls in
slough, 70 lbs wide, course N
westerly

43.00 Entered dense mesquite, tesota
and sacaton.

43.40 Wire fence, bears N and S.

54.00 Low valley and ^{enter} gently rolling
land.

80.00 Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24
ins in the ground, for cor of
secs 4, 5, 32 and 33, marked
Sec 8, S 33 on NE
R22E, S 4 on SE
S 23 S, S 5 on SW and
S 32 on NW faces; with 4
notches on E and 2 notches on

North boundary of Sec 3 S, R22 E - continued
Chain

W. Rodgers, dig pits 18 x 18 x 12 ins
in each sec, 50 ft dist, and raise
a mound of earth 4 ft base, 2
ft high, N of each.

Land level and gently rolling
Soil, black loam, sandy and
gravelly; 1st, 2^d and 3^d rates.

No timber - undergrowth, mes-
quite, tesota and sacaton.
Dense undergrowth, 37.00 chs.

✓ S 89.05° W, una true line bet-
secs 5 and 32.

Over gently rolling land
Through dense mesquite and
tesota.

40.00 Set a redwood post, 3 ft long,
4 ins sq, with marked stone,
24 ins in the ground, for 4 sec

North boundary of S 33 S, R 22 E continued

Chains

600 marked 4 S 35 on N and
S 5 on S faces; dig pits 18x18x12
ins, E and W of post, 3 ft dist,
and raise a mound of earth
3 1/2 ft base, 1 1/2 ft high; No of cor.
6000 Some dense mesquite and
teota, brass N and S.

8000 Set a redwood post, 3 ft long,
4 ins sq, with marked stone,
24 ins in the ground; for cor
of sec 5, 6, 31 and 32, marked
S 22 S, S 32 on NE
N 22 E, S 5 on SE
S 23 S, S 6 on SW and
S 31 on NW faces, with 5 notches
on E and 1 notch on W edges;
dig pits 18x18x12 ins in each
sec, 5 1/2 ft dist, and raise a
mound of earth 4 ft base, 2 ft

North boundary of S 23 S, R 22 E - continued

Chain high, W of cor.

Land, gently rolling

Soil, gravelly; 1st and 3rd rates.

No timber; undergrowth, mesquite and tasote.

Dense undergrowth, 6.00 chs.

S 89.55' W, on a true line between 30 and 31.

Over gently rolling land

Through dense mesquite.

14.65 Wire fence, brass N.E. and S.W.

40.00

Set a redwood post, 3 ft long, 4 ins sq, with marked stone 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 31 on N, and S 6 on S faces; dig pits 18x18x12 ins, E and W of post, 3 ft dist, and raise a mound of earth

North boundary of P₂₃ S, R₂₂ E - Continued.

Chairs 3 1/2 ft base, 1 1/2 ft high, N of cor.
 56.00 Wash 2 chs wide, course, N
 easterly.
 79.00 The cor of P₂₂ and 23 S, R₂₁
 and 22 E.

Land, gently rolling.

Soil, gravelly, 2nd and 3rd rate.

No timber, undergrowth, mes-
 quite.

Dense undergrowth, 79.00 chs.

September 29, 1901.

General Description.

This line runs over level
 and rolling land, through dense
 undergrowth. P₂₂ S, R₂₂ E, is
 rolling and level land. The
 eastern portion is broken and
 covered with dense mesquite,

North boundary S 23 S, R 22 E - Concluded
Chains

trails and grassland underground.
The Arizona and Southeastern
airroad traverses the township
from northwest to southeast. The
San Rafael del Valle grant
which runs through the township
includes within its borders the
San Pedro river and valley.

Philip Contzen
U. S. Deputy Surveyor.

BOUNDARIES of T23SR22E
 LATITUDES - DEPARTURES & CLOSING ERRORS

LINE DESIGNATED	TRUE BEARING	DIST.	LATITUDES		DEPARTURES	
			N	S	E	W
SOUTH BOUNDARY	WEST	479.56				479.56
WEST BOUNDARY	NORTH	480.00	480.00			
NORTH BOUNDARY	N89°55'E	479.00	.70		479.00	
EAST BOUNDARY	SOUTH	480.00		480.00		
CONVERGENCY					.42	
ERROR IN LAT			480.70		479.42	479.56
			480.00		479.00	479.56
			.70		DEPARTURE	.12

(Handwritten signature)
 N. P. ...

BOOK 1577

*Paths in Subdivisions of
Tp. 21 S., R. 20 E.*

BOOK 1577
APPROVAL.

OFFICE OF THE U.S. SURVEYOR GENERAL.

Phoenix, Arizona.

July 5-1902

The foregoing field notes of the ~~the~~ survey of West North & East Bdys of T. 23 S. R. 22 East executed by Philip Contzen under his contract No. 87 dated Aug. 24 1901, having critically examined and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Hugh H. Price
U.S. Sur. Gen. for Arizona.

5/23/03