

DEGREE QUADRANGLE 35°-36°, 115°-116°

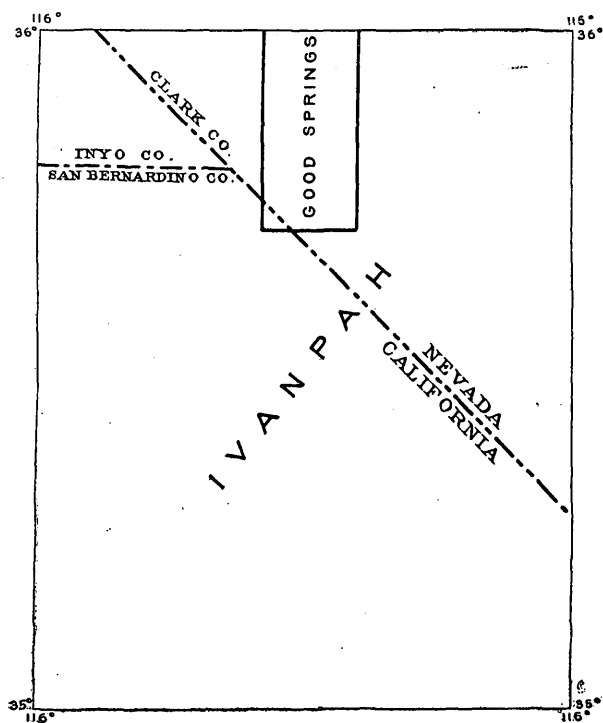


FIGURE 18.—Diagram of degree quadrangle 35°-36°, 115°-116°

IVANPAH QUADRANGLE

[Latitude 35°-36°; longitude 115°-116°]

INYO AND SAN BERNARDINO COUNTIES

Precise leveling by U. S. Coast and Geodetic Survey

From Vontrigger north along Atchison, Topeka & Santa Fe Ry. and Los Angeles & Salt Lake R. R. to Calada

| | |
|---|-----------|
| Vontrigger, 9 meters northeast of Atchison, Topeka & Santa Fe Ry. track, 4.5 meters east of east corner of railroad water tank; bottom of hole about 25 millimeters square in top of cement or stone post (U. S. C. & G. S. b. m. O ₅)----- | 3,369.016 |
| Blackburn, about 1.8 miles south of, 14 meters southwest of railroad track ⅔ meter below base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. P ₅)----- | 3,505.495 |
| Blackburn, 8 meters southeast of railroad signboard "Blackburn," 18 meters northeast of track, level with base of rail; bottom of hole in top of cement or stone post (U. S. C. & G. S. b. m. Q ₅)----- | 3,709.737 |

| | Feet |
|--|-------------|
| Ledge, about 4.7 miles south of, 3.5 meters east of tenth pole south-east of milepole 18 of railroad, 15 meters northeast of track, level with base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. R ₅)----- | 4, 084. 142 |
| Ledge, 2½ poles northwest of milepole 22 of railroad, 8 meters northwest of track, level with base of rail; bottom of hole in top of stone or cement post (U. S. C. & G. S. b. m. S ₅)----- | 4, 351. 077 |
| Ledge, about 0.9 mile north of, 26 meters west of second pole north of milepole 23 of railroad, 14 meters west of track, 1 meter above base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. T ₅)----- | 4, 395. 408 |
| Purdy, 7 meters northeast of milepole 25 of railroad, 15 meters northeast of track, level with base of rail; bottom of hole in top of cement or stone post (U. S. C. & G. S. b. m. U ₅)----- | 4, 524. 243 |
| Barnwell, about 2.3 miles south of, opposite seventh pole west of milepole 27 of railroad, 12 meters south of track, 1 meter above base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. V ₅)----- | 4, 734. 699 |
| Barnwell, 22 meters west of Menvel Hotel entrance, 12 meters east of east corner of railroad freight-house platform, 19 meters southeast of railroad track, level with base of rail; bottom of hole cut in cement or stone post (U. S. C. & G. S. b. m. W ₅)----- | 4, 807. 881 |
| Barnwell, about 2 miles north of, 7½ poles northwest of milepole 31 of railroad, 14 meters southwest of track, 2 meters below base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. X ₅)----- | 4, 572. 392 |
| Vanderbilt, 4 poles west of milepole 34 of railroad, 15 meters north of track, 0.5 meter below base of rail; bottom of hole cut in top of cement or stone post (U. S. C. & G. S. b. m. Y ₅)----- | 4, 153. 673 |
| Vanderbilt, about 1.9 miles northwest of, about 0.1 mile north of tin mile marker 36, 22 meters northeast of the track, 0.5 meter above base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. Z ₅)----- | 3, 882. 194 |
| Ivanpah (formerly Leastalk), 3 meters west of thirteenth pole west of milepole 268, in north angle of intersection of Atchison, Topeka & Santa Fe Ry. and Los Angeles & Salt Lake R. R., 7 meters northwest of former road and 8 meters northeast of latter road, 1.5 meters below base of rail; bottom of hole cut in top of cement or stone post (U. S. C. & G. S. b. m. A ₆)----- | 3,508. 880 |
| Ivanpah (formerly Leastalk), about 2.3 miles north of, 6 meters west of fourth pole southwest of milepole 270, 15 meters northwest of Los Angeles & Salt Lake R. R. track, 1 meter below base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. B ₆)----- | 3, 101. 749 |
| Moore, 4 meters northwest of second pole northeast of milepole 272, 14 meters west of Los Angeles & Salt Lake R. R. track, opposite signboard, set in gravel, 3 meters below base of rail; bottom of hole in top of cement or stone post (U. S. C. & G. S. b. m. C ₆)----- | 3, 283. 963 |
| Nipton, about 2.4 miles southeast of, 4 meters northwest of third pole north of milepole 275, 15 meters west of railroad track, 3 meters below base of rail; stone post (U. S. C. & G. S. b. m. E ₆)-- | 3, 025. 057 |
| Nipton, about 2.5 miles northwest of, 1½ poles southeast of milepole 280, 21 meters southwest of railroad track, 1½ meters below base of rail; red metal cap on iron post (U. S. C. & G. S. b. m. F ₆)----- | 2, 915. 781 |
| Lyons, 10½ poles northwest of milepole 282, 29 meters east of signboard, 15 meters northeast of railroad track, 1.5 meters below base of rail; bottom of hole in top of cement or stone post (U. S. C. & G. S. b. m. G ₆)----- | 2, 803. 856 |

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| Calada, opposite sixth pole northwest of milepole 287, 46 meters southwest of signboard on railroad, 25 meters southeast of boundary post between San Bernardino County, Calif., and Clark County, Nev., 15 meters northeast of track, 1 meter below base of rail; bottom of hole in top of cement or stone post (U. S. C. & G. S. b. m. H.) | Feet 2, 745.303 |
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Primary leveling by L. F. Biggs in 1909

From State line 11.6 miles east of Barnwell west along Atchison, Topeka & Santa Fe Ry. to Barnwell (part of circuit from Las Vegas, Nev.)

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|---|------------|
| Barnwell, 10 miles east of, in base of milepost 10; spike with aluminum tag stamped "4381" | 4, 378.36 |
| Barnwell, 9 miles east of, in base of milepost 9; spike with aluminum tag stamped "4502" | 4, 499.59 |
| Barnwell, 8.5 miles east of, 50 feet north of railroad, 150 feet east of milepost; iron post stamped "4643 B 1909 18" | 4, 640.309 |
| Hitt, 200 feet east of station, in base of telephone pole; spike with aluminum tag stamped "4611" | 4, 608.97 |
| Barnwell, 5 miles east of, in base of milepost 5; spike with aluminum tag stamped "4599" | 4, 596.61 |
| Barnwell, 4 miles east of, 50 feet north of railroad, 100 feet west of milepost 4; iron post stamped "4578 B 1909 19" | 4, 576.179 |
| Barnwell, 3 miles east of, in base of milepost 3; spike with aluminum tag stamped "4543" | 4, 540.79 |
| Barnwell, 2 miles east of, in base of first telephone pole east of milepost 2; spike with aluminum tag stamped "4610" | 4, 608.39 |
| Barnwell, 1 mile east of, in base of milepost 1; spike with aluminum tag stamped "4702" | 4, 700.44 |
| Barnwell, San Bernardino County, 72 feet east of Menvel Hotel, 39.36 feet east of east corner of Atchison, Topeka & Santa Fe Ry. freight-house platform, 62.32 feet southeast of railroad track, on level with base of rail; square hole in top of stone post, set in sandy soil and dry clay, lettered "U. S. B. M." | 4, 807.881 |

From Barnwell southwest along road to Government Holes, thence northwest to Cima, thence west to point 12 miles southeast of Silver Lake (portion of circuit via Silver Lake and Riggs, Calif., to Stump Springs, Nev., in which an excessive error has been adjusted)

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|---|------------|
| Barnwell, 1.1 miles southwest of, west edge of road, in base of yucca tree; spike with aluminum tag stamped "4910" | 4, 910.51 |
| Barnwell, 2.3 miles southwest of, east edge of road, in base of yucca tree; spike with aluminum tag stamped "5046" | 5, 045.65 |
| Barnwell, 4 miles southwest of, 500 feet south of wash, on first slope of ridge, 50 feet north of road, east of New York Mountain triangulation station; iron post stamped "4957 B 1909 20" | 4, 956.552 |
| Barnwell, 4.7 miles southwest of, east edge of road, east bank of wash, in yucca tree; spike with aluminum tag stamped "4807" | 4, 807.14 |
| Barnwell, 6 miles southwest of, south edge of road, in base of yucca tree; spike with aluminum tag stamped "4871" | 4, 870.81 |
| Barnwell, 7.3 miles southwest of, 300 feet south of junction of road to Youngs Camp, 50 feet west of road, on small knoll; iron post stamped "5119 B 1909 21" | 5, 118.186 |

| | Feet |
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| Forks of road to Youngs Camp, 1.2 miles south of, 20 feet north of road, on summit between Government Holes and Barnwell, in base of yucca tree; spike with aluminum tag stamped "5200"----- | 5, 199. 88 |
| Forks of road to Youngs Camp, 2 miles southwest of, south edge of road on ridge between two washes, in base of yucca tree; spike with aluminum tag stamped "5109"----- | 5, 109. 30 |
| Government Holes, 4.7 miles northeast of, 60 feet north of road, in one of pile of granite boulders; aluminum tablet stamped "5027 B 1909 22"----- | 5, 027. 086 |
| Government Holes, 3.3 miles northeast of, on point of ridge at junction of three washes, in stump; copper nail with aluminum tag stamped "4914"----- | 4, 913. 93 |
| Government Holes, 2.1 miles east of, at junction of road to Rock Springs, 1,000 feet north of spring, on boulder painted "4776"; chisel point----- | 4, 776. 18 |
| Government Holes, 1.1 miles northeast of, 50 feet north of road, on large boulder painted "4922"; chisel point----- | 4, 922. 25 |
| Government Holes, 1,000 feet northeast of house, 150 feet north of road, west edge of long granite boulder; aluminum tablet stamped "5019 B 1909 23"----- | 5, 018. 355 |
| Government Holes, 1.9 miles northwest of, 60 feet north of road, on large flat at summit; iron post stamped "5167 B 1909 24"----- | 5, 166. 517 |
| Government Holes, 4.3 miles northwest of, north edge of road, at rocky point, on boulder painted "4854"; chisel point----- | 4, 853. 58 |
| Government Holes, 5.1 miles northwest of, north edge of road, large boulder painted "4705"; chisel point----- | 4, 704. 33 |
| Cima, 7.6 miles southeast of, 0.5 mile east of junction of old Government road to San Bernardino where road leaves Cedar Canyon, north edge of canyon, 50 feet west of road; iron post stamped "4625 B 1909 25"----- | 4, 624. 917 |
| Cima, 7 miles southeast of, at junction of old Government road, on boulder painted "4480"; chisel point----- | 4, 480. 08 |
| Cima, 5.9 miles southeast of, west edge of road, in base of yucca tree; spike with aluminum tag stamped "4330"----- | 4, 329. 69 |
| Cima, 4.8 miles southeast of, 1.7 miles south of Death Valley mine, east edge of road, at base of round butte, in base of yucca tree; spike with aluminum tag stamped "4340"----- | 4, 339. 84 |
| Cima, 3.1 miles southeast of, 1,000 feet west of main building at Death Valley mine, 30 feet west of road; iron post stamped "4370 B 1909 26"----- | 4, 369. 643 |
| Cima, 1.7 miles southeast of, west edge of road, 200 feet west of telephone line, in base of yucca tree; spike with aluminum tag stamped "4282"----- | 4, 283. 08 |
| Cima, in front of Los Angeles & Salt Lake R. R. station; top of rail----- | 4, 188. 5 |
| Cima, 800 feet south of station, 2.5 telegraph poles south of milepost 254, west edge of right of way; iron post stamped "4204 B 1909 27"----- | 4, 203. 623 |
| Cima, 1.3 miles west of, south edge of road, in base of yucca tree; spike with aluminum tag stamped "4201"----- | 4, 200. 85 |
| Cima, 2.3 miles west of, south edge of road, in crotch of yucca tree; nail with aluminum tag stamped "4173"----- | 4, 182. 44 |
| Cima, 3.4 miles west of, 40 feet north of road; iron post stamped "4116 B 1909 28"----- | 4, 106. 075 |

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| Cima, 4.7 miles west of, 50 feet south of road, in base of yucca tree; spike with aluminum tag stamped "4051"----- | Feet 4, 050. 13 |
| Cima, 6.1 miles west of, 50 feet north of junction of old Government road to San Bernardino and road to Cima; iron post stamped "3932 B 1909 29"----- | 3, 931. 744 |
| Cima, 7.2 miles west of, 1.2 miles west of forks of road, south edge of road at rock point, on boulder painted "3817"; chisel point.--- | 3, 817. 97 |
| Marl Spring, 1,000 feet northeast of, 50 feet north of road, on summit of ridge; iron post stamped "3904 B 1909 30"----- | 3, 903. 752 |
| Marl Spring, 1.8 miles northwest of, east edge of road, on summit of pass; iron post stamped "4556 B 1909 31"----- | 4, 555. 877 |
| Marl Spring, 3.7 miles west of, north edge of road, on boulder painted "4079"; chisel point.----- | 4, 098. 50 |
| Marl Spring, 4.7 miles west of, north edge of road, in top of stake; nail with aluminum tag stamped "3788"----- | 3, 807. 38 |
| Marl Spring, 5.8 miles west of, 1,000 feet west of place where road passes over hard formation, 500 feet west of large mesquite tree, 15 feet east of road; iron post stamped "3535 B 1909 32"----- | 3, 554. 499 |
| Marl Spring, 10.4 miles west of, south edge of wash, 100 feet south of large lava boulder, 1 mile east of long black point, opposite middle one of three round buttes; iron post stamped "2762 B 1909 33"--- | 2, 761.566 |
| Marl Spring, 11.4 miles west of, south edge of road, on boulder painted "2602"; chisel point.----- | 2, 600. 77 |
| 17-Mile Point, 1.9 miles east of, at narrowest part of wash, south side of road, on boulder painted "2213"; chisel point.----- | 2, 212. 34 |
| 17-Mile Point, 1 mile east of, 900 feet east of crossroad, south edge of wash, 100 feet west of two large boulders in wash, in bedrock; aluminum tablet stamped "2106 B 1909 34"----- | 2, 105. 069 |
| 17-Mile Point, 200 feet east of signboard, on extreme north point of granite boulder painted "1965"; chisel point.----- | 1, 964. 02 |
| 17-Mile Point, 1 mile northwest of, north edge of road, on boulder painted "1837"; chisel point.----- | 1, 836. 06 |
| 17-Mile Point, 4.6 miles northwest of, 12.2 miles southeast of Silver Lake, 30 feet north of road, at large flat; iron post stamped "1532 B 1909 35"----- | 1, 531. 518 |

From Kingston Spring northeast along road to Culver's ranch near State line (part of circuit from Barnwell in which an excessive error has been adjusted)

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| Kingston Spring, midway between spring and cabin; iron post stamped "2271 B 1909 45"----- | 2, 267. 390 |
| Kingston Spring, 3.3 miles northeast of, 50 feet south of road, 25 feet south of mesquite tree, on boulder painted "2349"; chisel point.--- | 2, 347. 16 |
| Kingston Spring, 5 miles northeast of, 200 feet north of junction of road to north, west end of small ridge; iron post stamped "2514 B 1909 46"----- | 2, 512. 210 |
| Kingston Spring, 6.7 miles northeast of, south edge of wash, 2,000 feet west of place where road leaves main wash, on black rocky point, in ledge; aluminum tablet stamped "2647 B 1909 47"----- | 2, 645. 148 |
| Kingston Spring, 10.3 miles northeast of, west edge of road, on boulder painted "3173"; chisel point.----- | 3, 171. 53 |
| Kingston Spring, 11.3 miles northeast of, 25 feet west of road where road leaves wash, 2 miles south of summit of pass; iron post stamped "3320 B 1909 48"----- | 3, 318. 011 |

| | Feet |
|--|-------------|
| Kingston Spring, 13.5 miles northeast of, on summit of pass between Kingston Spring and Sandy, 15 feet east of road; iron post stamped "3585 B 1909 49"----- | 3, 582. 710 |
| Sandy 10.3 miles west of, in forks of road to Horse Springs; iron post stamped "3145 B 1909 50"----- | 3, 143. 097 |
| Sandy, 9 miles west of, west edge of road, 0.5 mile south of point of long ridge, on boulder painted "2978"; chisel point----- | 2, 976. 67 |
| Sandy, 5 miles west of, 0.5 mile north of Haverstick ranch, at junction of Sandy and Horse Springs roads; iron post stamped "2616 B 1909 51"----- | 2, 613. 762 |
| Haverstick ranch, 2.3 miles north of, in base of windmill tower; spike with aluminum tag stamped "2645"----- | 2, 642. 97 |