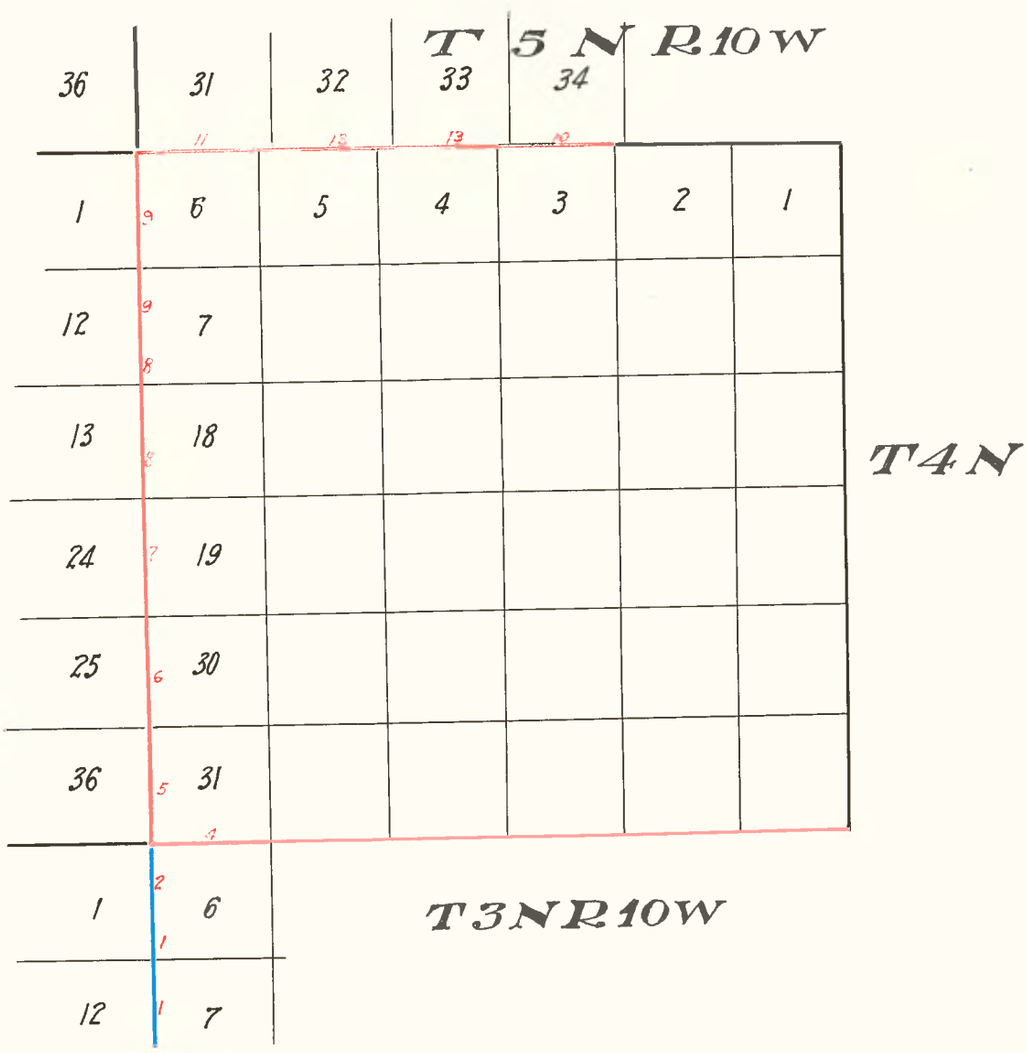
FIELD NOTES ON

WEST BOUNDARY T. 4 N., R. 10 W.

AND

NORTH BOUNDARY T. 4 N., R. 10 W.



County Surveyor's Map No. 9377

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

PUBLIC SURVEY OFFICE,
San Francisco, California,
April 15, 1930.

I, Frank E. Barker, Office Cadastral Engineer, do hereby certify that the annexed is a photostatic copy of the field notes of the survey of the west boundary of Township 4 North, Range 10 West, San Bernardino Meridian, California, containing pages 4 and 5 of part 26 of Book 162, showing the survey executed by Deputy W. H. Norway in 1875; also title page and pages 40 to 50, inclusive, of part 7 of Book 448, showing the surveys executed by N. J. Burnham, Temporary Transitman, and . Parker Warner, U. S. Transitman, under instructions ted September 10, 1912, as on file and of record in this fice.

Frank E. Barker
Office Cadastral Engineer.



T. 3. N. R. 11. W. S. B. B. & M.

Side hill facing west, for cor. to secs. 7. 12. 13. & 18.
Land very rough.
1st rate yellow & Norway Pine, Fir, Cedar.

North on east boundary of sec. 12.
Var. 14¼° E.

37.50 Cross dry bed of Little Rock creek 100 lks. wide, course N. E.

40.00 Set a Pine post 3x3in. 3ft. long in a mound of rocks, as instructed on west edge on cañada for ¼ sec. cor.

56.50 to high rocky ridge bearing E & W. Descend.

80.00 Set an Oak post 4x4in 3½ ft. long in a mound of rocks, as instructed on side hill facing north for cor. to secs. 1. 6. 7. & 12. from which bears
A Spruce Pine 24in. dia. S. 34° E. 28 lks. dist.
" White Oak 8 " " S. 14° W. 12 " "
" Spruce Pine 24 " " N. 36° E. 25 " "
Land very rough.
Timber - Pine, Fir, & Cedar, mostly 1st rate
Rocky soil 3rd rate. No water.

North on east boundary of sec. 1.
Var. 14¼° E.

4.50 Cross dry bed of Little Rock creek, course N. W.

21.00 Cross dry bed of Little Rock creek 10 lks. wide, course N. E. thence along on west

T. 3. N. R. 11 W. S. B. B. & M.

side of same over rough hills.

40.00 Set an Oak post 3x3in. 3ft. long in a mound of rocks as instructed, on steep side hill facing east, for 1/4 Sec. cor.

47.00 Summit of a ridge bearing N.E. & S.W. thence along on west side of same.

54.00 Leave ridge and descend.

71.50 Cross deep gulch 100 lks. wide, course N.E. Ascend.

77.50 Summit of a high Spur bearing N.E. & S.W. & descend.

80.00 Set a Pine post 6x6in. 4ft. long in a large mound of rocks, as instructed on steep side hill facing north for cor. to townships 3 & 4 N. Ranges 10 & 11 W.

Land very rough.

S. 1/2 1st rate Pine. N. 1/2 scattering 2nd rate.

Oct. 2nd 1875.

Surveyed by W. A. Norway

Under contract of

July 31. 1875

See Book 162, Pack 26.

Pages 4 and 5

-A-

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FIELD NOTES

and resurvey
OF THE SURVEY OF THE

N.bdy; retracement of the E.bdy; resurvey and retracement of the S.bdy. and survey of the W.bdy.of T.4 N.,R.10 W.,S.B.M.: the survey of the E. and S.bdy.and retracement of the N.bdy. of T.7 S.,R.6 W.,and resurvey of the E.bdy.of Rancho Mission Viejo or La Paz, and retracement of the Northerly bdy.of Rancho Santa Margarita Y Las Flores

Of the San Bernardino Base and *Meridian,*

In the State of California

EXECUTED BY

N.J.Burnham,Temporary Transitman, and A.Parker Warner,U.S Transitman.

In the capacity of U. S. Surveyors, under instructions dated Sept. 10,1912~~191~~.

issued by the United States Surveyor General to govern surveys included in Group No. 11 *, which were approved by the Commissioner of the General Land Office,* October 30,1912 *, 191 , pursuant to authority contained in the Act of Congress dated* June 25,1910 *, 191*

Survey commenced September 28.1912. ~~191~~

Survey completed December 10,1912 ~~191~~

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Resurvey of N. bdy.of T' 3 N.,R.10 W., S.B.M.

79.50 The cor. of secs. 4 and 5.

Land mountainous. Drains N. and NW.

Soil rocky; 4th rate.

Scattering oak,pine,pinon and manzanita brush.

Timber.scattering oak,pine,pinon and fir.

December 9,1912.

December 10; At 9h 10m.a.m.l.m.t.,I set off 34° 23'on the lat.arc 22° 54' S. on the decl.arc and determine a meridian with the solar at the cor. of secs. 5 and 6.

Thence I run

S.89° 51'W. on a random line along the N.bdy.of sec.6

40.00 After diligent search fail to find any evidence of old ¼ sec.cor.

78.47 Fall 25 lks.N. of cor. of Tps. 3 and 4 N.,Rs. 10 & 11 W. which is a pine post very badly decayed set in a mound of stone. I destroy all traces of this cor. and re-establish it at the same point as follows.

Set a granite stone 18 x 10 x 10 ins 12 ins in the ground for cor. of Tps. 3 and 4 N., Rs. 10 and 11 W.,marked with 6 notches on each edge ; from which

A Fir 16 ins.diam.bears-N'89°50'E.468 lks.dist. marked T 4 N R 10 W S 31 B T.

A Bull Pine 18 ins diam.bears S. 40° 50' E. 140 lks. dist.marked T 3 N R 10 W S 6 B T.

A Fir 20 ins.diam.bears S. 40° 40' W. 155 lks.dist marked T 3 N R 11 W S 1 B T

A Fir 44 ins.diam. bears N. 4° 45'W. 43 lks.dist. marked
T 4 N R 11 W. S 36 BT.

N.89° 40'E on a true line along the N. bdy.of sec.6.

Descend over steep E. slope covered with slide rock through scattering oak,pine pinon and manzanita brush

Scattering oak pine pinon and fir timber.

Resurvey of N.bdy. T. 3 N.,R.10 W., S.B.M.

15.40 West Fork of Little Rock Creek 40 lks.wide course N.
Ascend over very steep rough W. slope.

38.63 Set a granite stone 12 x 12 x 12 ins. 9 ins.in the ground for ¼ sec.cor.of sec.6.marked ¼ on N.face from which
A Pine 12 ins.diam.bears S.18° 15'E. 10 lks.dist. marked ¼ S.^{6} B T.
A Bull Pine 18 ins.diam.bears N.6°15'W.81 lls.dist. marked ¼ S B T.

46.62 Set a granite stone 18 x 12 x 8 ins.12 ins.in the ground for ¼ sec.cor. of sec.31 marked ¼ on N.face from which
A Fir 18 ins.diam.bears N.80°E.18 lks.dist.marked ¼ S 31 B T.
A Bull pine 24 ins.diam.bears S.40°50'W.74 lks.dist. marked ¼ S B T.

67.50 Ridge bears NW. and SE. Descend over steep E.slope
December 10. At this point on line I set off 22° 55'S. on the decl arc and at 11h 53m l.m.t.,observe the sun on the meridian; the resulting lat.is 34°23'

78.47 The cor.of secs. 5 and 6.
Land mountainous,drains NE. and NW.
Soil rocky; 4th rate.
Scattering oak,pine,pinon and manzanita brush.
Timber scattering oak,pine pinon and fir.

December 10,1912.

West bdy.of T. 4 N.,R.10 W.
From the cor.of Tps. 3 and 4 N.,Rs.10 and 11 W.I run North bet.secs. 31 and 36.
Descend over broken NE. slope through scattering oak, pine,pinon and manzania brush,scattering oak,pine, pinon and fir timber.

.40 Ravine 15 lks.wide,course E. Ascend.

4.00 Top of spur bears E. and W. Descend.

9.00 Top of spur bears E. and W. Descend.

24.50 Ravine 15 lks.wide,course NE. Ascend.

West bdy. of T. 4 N.,R.10 W., S.B.M.

Chains

27.60 Top of spur bears NE. and SW. Descend.

35.50 West bank of Little Rock Creek,bears NW. and SE. Thence along creek bed.

37.50 Leave west fork of Little Rock Creek bears NE. and SW' Ascend.

40.00 Top of spur bears E. and W. Descend.

Set a granite stone 12 x 10 x 8 ins.9 ins.in the ground for ¼ sec.cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W.of cor.

55.00 West Fork of Little Rock Creek 100 lks.wide course NW.

59.00 " " " " " " " " " " NE.

Ascend.

59.50 Government trail 20 lks.wide course NE. and SW. Ascend over steep broken SE. slope

80.00 Set a granite stone 12 x 10 x 10 ins. 9 ins.in the ground for cor. of secs. 25,30,31 and 36,marked with 5 notches on N.,and 1 notch on S.edge,and raise a mound of stone 2 ft.base 1½ ft.high W.of cor.

Land mountainous,drains N. and E.

Soil rocky; 4th rate.

Scattering oak,pine,pinon and manzanita brush

Timber,scattering oak,pine,pinon and fir.

December 4,1912

North bet.secs. 25 and 30.

Ascend over rough rocky S.slope through scattering oak, pine, pinon and manzanita brush- scattering oak,pine pinon and fir timber.

8.00 Top of high spur bears E. and W' Descend.

14.90 Ravine 20 lks.wide,course E. Ascend.

39.00 Top of spur bears E.and W. Descend along E.slope.

40.00 Set a granite stone 15 x 12 x 12 ins.10 ins.in the ground for ¼ sec.cor. marked ¼ on W'face and raise a mound of stone 2 ft. base,1½ ft. high W.of cor.

42.50 Ravine 15 lks.wide,course E. Ascend.

West Boundary T. 4 N.R.10 W., S.B.M.

46.00 Top of spur bears N.80°E. and SW. Descend.

55.50 Head of ravine 20 lks.wide Course E. Ascend.

64.50 Top of spur bears NE. and SW. Descend.

70.50 Head of ravine 15 lks.wide course NE. Ascend abruptly

80.00 Set a granite stone 18 x 12 x 6 ins. 12 ins.in the ground for cor. of secs. 19, 24, 25 and 30 marked with 4 notches on N. and 2 notches on S.edge and raise a mound of stone 2 ft. base 1½ ft. high W.of cor.

Land mountainous Drains E. and NE.

Soil rocky and gravelly 4th rate

Scattering Oak, Pine Pinon and manzanita brush

Timber scrub oak Pine, pinon and Fir.

Dec, 5, 1912.

North bet.secs. 19 and 24

Ascend over broken S. slope through scattering oak pine, pinon and manzanita brush scattering scrub oak pine, pinon and fir timber.

4.50 Top of spur bears E. and W.

Thence descend abruptly over steep broken NE. slope over granite cliffs and slide rock.

24.30 Ravine 15 lks.wide course E. Ascend

31.50 Top of spur bears NE. and SW. Descend

40.00 Set a granite stone 18 x 12 x 8 ins 12 ins.in the ground for ¼ sec.cor. marked ¼ on W.face and raise a mound of stone 2 ft. base 1½ ft.high W.of cor.

51.60 Little Rock Creek 1.50 lks.wide course N. 35°W.

Ascend over cliffs

72.00 Top of spur bears SW. and NE. Thence descend along W. slope.

80.00 Set a granite stone 20 x 16 x 7 ins 15 ins in the ground for cor. of secs. 13, 18, 19 and 24 marked with 3 notches on the N. and S. edges and raise a mound of stone 2 ft. base 1½ ft. high W.of cor.

West bdy. of T. 4 N.R.10 W.,S.B.M.

Chains Land mountainous, drains N. and NW.
Soil rocky and gravelly. 4th rate.
Scattering oak,pine,pinon and mnazanita brush.
Timber scattering scrub oak,pine,pinon and fir.

December 6,1912.

North bet.secs. 13 and 18.

5.00 Head of ravine 20 lks.wide,course W. Ascend.

18.00 Top of spur bears S. 30°W. and N. 30° E. Descend.

24.50 Head of ravine 20 lks.wide,course S. 60°W. Ascend.

33.25 Top of spur bears N. 60°W. and S. 60°E Descend.

40.00 Set a granite stone 12 x 12 x 10 ins.8 ins.in the ground for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ on N. face and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W.of cor.

42.25 Head of ravine 15 lks.wide,course N.80°W. Ascend.

49.75 Head of ravine 15 lks.wide,course SW.

59.25 Top of spur bears S. 70°W. and N.70°E. Descend.

61.50 Head of ravine 15 lks.wide,course W. Ascend.

65.00 Top of spur bears NW. and SE. Descend.

71.50 Ravine 5 lks.wide course NW. Ascend.

77.60 Top of spur bears N. 70°W. and S. 70°E. Descend.

80.00 Set a granite stone 24 x 12 x 10 ins.18 ins.in the ground for cor. of secs 7,12,13 and 18 marked with 2 notches on N' and 4 notches on S.edge, and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high W.of cor.

Land mountainous. Drains W.
Soil rocky and gravelly; 4th rate.
Scattering oak,pine,pinon and manzanita brush
Timber scattering scrub pine pinon oak and fir.

December 7,1912.

North bet.secs. 7 and 12.

Descend over steep NW. slope through scattering oak,pine pinon and manzanita brush,scattering scrub oak,pinon and fir timber.

1.25 Head of ravine 10 lks.wide course W. ascend

W. bdy. of T. 4 N.,R. 10 W., S.B.M.

11.00 Top of spur bears N. 80°W. and S.80°E. ;trail bears N. 80°W. and S.80°E. Descend over broken NE. slope,

25.00 Head of ravine 10 lks.wide,course N.30°W. Ascend.

40.00 Set a granite stone 15 x 10 x 8 ins,10 ins.in the ground for ¼ sec.cor. marked ¼ on W.face and raise a mound of stone 2 ft. base,1½ ft.high W.of cor.

42.40 Top of spur bears NW. and SE. Descend

45.75 Head of ravine 10 lks.wide Course NE.

80.00 Set a granite stone 24 x 10 x 8 ins. 18 ins.in the ground for cor. of secs. 1,6,7 & 12 marked with 1 notch on N. and 5 notches on S. face and raise a mound of stone 2 ft. base 1½ ft. high W.of cor.

Land mountainous. Drains NW. and NE.

Soil rocky and gravelly 4th rate.

Scattering oak,pine, pinon and manzanita brush

Timber scattering scrub,pine pinon and fir. Oak

North bet.secs. 1 and 6.

Descend over broken NE. slope through scattering oak. pine pinon and manzanita brush, scattering oak,pine and pinon timber.

36.47 Ravine 25 lks.wide,course N.20°E. Ascend.

40.00 Set a granite stone 15 x 12 x 8 ins.10 ins.in the ground for ¼ sec.cor. marked ¼ on W.face and raise a mound of stone. 2 ft. base. 1½ ft.high W.of cor.

56.80 Top of spur bears N. 10°E. and S.10°W. Descend.

76.90 Ravine 15 lks.wide course N.5°E. Ascend over broken rocky E. slope.

92.75 To a point due west of the cor. of secs. 3,4,33 and 34 on the N.bdy.of T.4 N.R.10 W.,where I set temp.cor. for Tps.4 and 5 N., Rs. 10 and 11 W.

Land mountainous and broken drains NE. and N.

Soil rocky and gravelly; 4th rate.

Scattering oak,pine,pinon and manzanita brush.

Timber scattering scrub oak,pine and pinon.

December 9,1912.

Resurvey of portion of N.bdy.of T.4 N.,R.10 W.,S.B.M.

Chains November 27, At 8h 30m a.m.,l.m.t.,I set off 34°28' on the lat.arc; 21° 07'S. on the decl.arc;and determine a meridian with the solar at the cor. of secs. 2,3,34 and 35,which is a pine post 3 ins.square,12 ins. above ground firmly set,marked and witnessed as described by the Surveyor General.

Thence I retrace

West on a random line bet.secs. 3 and 34.

40.00 After diligent search,fail to find any evidence of old ¼ sec.cor.

80.23 Fall 47 lks.S.of cor.of secs. 3,4,33 and 34 which is a granite stone 12 x 12 x 8 ins above ground firmly set marked with 3 notches on E. and W. edges.

Traces of old charred stake found

No bearings available.

S. 89°40' E. on a true line bet.secs. 3 and 34.

Over level desert through scattering sage brush, juniper and manzanita brush

10.20 Middle of dry wash 2.50 lks.wide course N. Ascend

19.60 Top of spur bears N. and S. Descend.

25.70 Dry wash 20 lks.wide ,course N. Ascend.

40.00 Dry wash 20 lks.wide,course N.

40.11½ Set an iron post 3 ft.long 1 in.in dia.,24 ins.in the ground for ¼ sec.cor. with brass cap marked

S 34

¼

S 3

Dig pits 18 x 18 x 12 ins E. and W. of post 3 ft. dist and raise a mound of earth 3½ ft.base 1½ ft.high N.of cor.

November 27, At this ¼ sec.cor. I set off 21° 10' S.on the decl arc and at 11h 48m l.m.t. observe the sun on the meridian; the resulting lat.is 34° 28'

41.40 Road from Pallett's Ranch to Little Rock bears NW.& SE.

64.90 Road from West's Ranch to Little Rock bears N.40° W.

Retracement of portion of N.bdy.of T. 4 N.,R. 10 W., S.B.M.

and S.40"E. Ascend.

73.00 Top of spur bears N. and S. descend.

80.23 The cor. of secs. 2.3,34 and 35

Land level and rolling drains NW.

Soil sandy and rocky; 4th rate.

Scattering sage brush juniper manzanita and yucca palms

S.bdy.of T. 5 N.,R. 10 W., S.B.M.

From the cor. of secs. 3,4,33 and 34, I run

West on a blank line along the S.bdy. of T.5 N.,R.10 W.

setting temp.¼ sec.and sec.cors at intervals of 40.00 chains and at 246.10 chs. intersect the temp.cor. of Tps. 4 and 5 N.,Rs. 10 and 11 W.,set on December 9.

Set a granite stone 20 x 12 x 8 ins.,15 ins.in the ground for cor.of Tps.4 and 5 N.,Rs. 10 and 11 W., marked with 6 notches on each edge and raise a mound of stone 2 ft. base 1½ ft.high S.of cor.

November 27-30,and December 10,1912.

Knowing that a closing corner of secs. 5 and 6, 4 & 5, and 3 & 4 of T. 4 N. will be necessary,I establish cors. for secs. 31, 32 and 33,only,of T.5 N.,R.10 W.

From cor.of Tps. 4 and 5 N.,Rs.10 and 11 W.,I run

East on a true line along the S. bdy. of sec. 31

Descend over rocky SE. slope through scattering juniper and pine brush.

5.00 Ravine 75 lks.wide course NE. Ascend.

7.00 Top of spur bears NE.and SW. Descend.

19.00 Middle of dry wash 300 lks.wide, course N. Ascend.

25.60 Top of spur bears N. and S. Descend.

34.20 Dry wash 50 lks.wide course N. Ascend

46.10 Set an iron post 3 ft.long 1 in.in dia. 24 ins.in the ground for ¼ sec.cor.for sec.31 only,of T.5 N. with brass cap marked -

South bdy. of T. 5 N.,R. 10 W., S.B.M.

Chains.

S 31
1/4

and raise a mound of stone 2 ft. base,1½ ft.high N.of cor.

76.80 Dry wash 40 lks.wide course N. Ascend.

80.90 Top of low spur bears N. 10°E. Descend.

83.80 Dry wash 50 lks.wide course N. Ascend.

85.80 Top of spur bears NE. and SW. Descend.

86.10 Set an iron post 3 ft. long 2 ins.in dia 24 ins. in the ground for cor. of secs. 31 and 32 only,of T.5 N. with brass cap marked

T 5 N | R 10 W
S 31 | S 32

and raise a mound of stone 2 ft. base 1½ ft.high W. of cor.

Land mountainous and broken, drains N.E. and N.

Soil rocky and sandy 4th rate

Scattering pine juniper and yucca palms.

East on a true line along the S.bdy.of sec.32

Descend over broken E. slope through scattering pine, juniper and yucca palms.

2.00 Dry wash 30 lks.wide,course NW. Ascend.

17.50 Top of spur bears N. and S.,descend.

20.00 Dry wash 30 lks.wide, course NE. Ascend.

25.60 Top of spur bears NE. and SW.;descend.

28.90 Dry wash 10 lks.wide, course NE. Ascend.

31.70 Top of spur bears NE. and SW. Descend.

40.00 Set an iron 3 ft. long, 1 in. dia.24 ins.in the ground for ¼ sec.cor. for sec.32 only of T. 5 N. with brass cap marked

S 32
1/4

and raise a mound of stone 2 ft. base, 1½ ft. high N. of cor.

South bdy.of T. 5 N.,R. 10 W., S.B.M.

40.20 Dry wash 10 lks.wide,course N. Ascend.

43.10 Road bears NE. and SW.

52.70 Top of spur bears N. and S. Descend.

79.00 Dry wash 50 lks.wide course N. Ascend.

80.00 Set an iron post 3 ft. long 2 ins.dia 24 ins.in the ground for cor. of secs. 32 and 33 only,of T.5 N.with brass cap marked

T 5 N R 10 W

S 32 S 33

and raise a mound of stone 2 ft. base 1½ ft. high W. of cor.

Land broken and hilly,drains N.

Soil rocky and gravelly; 4th rate.

Scattering pine, juniper sage brush and yucca palms.

East on a true line along the S.bdy .of sec. 33.

Ascend over broken hills through scattering pine,juniper and yucca palms.

21.85 Dry wash 60 lks.wide,course N.60° E.

27.90 Top of spur bears N. and S. Descend.

40.00 Set an iron post 3 ft. long 1 in.dia. 24 ins. in the ground for ¼ sec.cor. for sec.33 only of T. 5 N. with brass cap marked

S 33
¼

and raise a mound of stone 2 ft.base 1½ ft.high N. of cor.

49.60 Dry wash 10 lks.wide,course N. Ascend.

53.90 Top of spur bears N. and S. Descend.

60.00 Dry wash 20 lks.wide course N. Ascend.

62.80 Top of spur bears N. and S. Descend.

64.80 Dry wash 20 lks.wide.course N. Ascend.

69.00 Top of spur bears NE. and SW. Descend.

77.70 Dry wash 10 lks.wide course N. Ascend slightly thence

80.00 The cor. of secs. 3,4,33 and 34.

Land broken and hilly; drains N.

South bdy.of T.5 N.,R.10 W., S.B.M.

Soil rocky and sandy; 4th rate.

Scattering Pine,juniper and yucca- palms.

December 10,1912.