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No. 1337

BOOK 1337

*See Index*

# FIELD NOTES

OF BOOK 1337

<sup>7<sup>th</sup></sup> The *Auxiliary Guide Meridian* Lines of  
Townships *16-17-18 N* Range *29 E* along  
*15-16 N R 25 E*  
Meridian, *Arizona*

BY

*Henry J. Cook* Deputy Surveyor,

under his contract of *July 20* 188

Survey commenced *Oct 5* 188

Survey completed *Dec 15* 188

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1337  
1337

No. 1337  
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# Index

	Page.
West Bdry T17 NR 29 E	1
" " T18 NR 29 E	9
" " T16 NR 29 E	15
" " T15 NR 25 E	24
" " T16 NR 25 E	30

R

14

BOOK 1831

10	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	1001	1002	1003	1004	1005	1006	1007	1008
1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023
1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038
1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053
1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068
1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083
1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098
1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113
1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128
1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143
1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158
1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173
1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188
1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203
1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218
1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233
1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248
1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263
1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278
1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293
1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308
1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323
1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338
1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353
1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368
1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383
1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398
1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413
1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428
1429	1430	1431	1432	14										

*MB*, T. 17 N. R. 29 E. G. & S. R. M.

No. 1337

BOOK 1337

Before proceeding ~~further~~ with the exteriors of this Tps. I made a change of 5 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

Standard  
From the Cor. to Tps. 17 N. Rs. 28 & 29 E.

Which is a

post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Stand, Cor. to Tps. 17 N., R's 28 and 29 E., marked S. C. T: 17 N. on N. R. 28 E. S. 36, on N. and R. 29 E. S. 31 on E. faces with 6 notches on N. E. W. faces, ~~and~~ pits, 24 x 18 x 12 ins, crosswise on each line, N. E. W. of post, 6 ft, dist, and ~~raised~~ a mound of earth  $2\frac{1}{2}$  ft, high, 5 ft, base, around post,

North on a true line between sections 31 - 36,

Va.  $14^{\circ} 30'$  East.

Descend.

21.60 Cross Wash, 15 lks. wide, Course  $S. 75^{\circ} W$  and ascend.

Auxiliary Guide Meridian, *along*

N. B. T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., S. and N. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 25-30-31-36,  
marked T. 17 N. S. 30 on N. E., R 29 E., S. 31  
on S. E., S. 36 on S. W and S. 25 on N. W. face  
with / notch on S. and 5 notches on edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation, Bunchgrass.

Timber of Cedars.

Auxiliary Guide Meridian, *along*

*NO.* T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 25-30,  
Va. 14° 15' East.

Ascend.

140.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19-24-25-30,  
marked T. 17 N., S. 19, on N. E., R. 29 E., S. 30  
on S. E., S. 25 on S. W. and S. 24 on N. W. face,  
with 2 notch  $\infty$  on S. and 1 notch  $\infty$  on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation, Pynchgrass.

Timber of cedar.

Auxiliary Guide Meridian, *along*

N. B. T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 19-24  
Va. 14<sup>1</sup>/<sub>5</sub>' East.

Ascend.

18.00 Top of Ridge, bears N. 70° E. 9 S. 70° W. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, 2 $\frac{1}{2}$  ins. in the ground,  
for Cor. to Secs. 13-18-14-24 marked T. 17 N.,  
S. 18 on N. E., R. 29 E., S. 19 on S. E., S. 24 on  
S. W. and S. 13 on N. W. faces, with 3 notches on  
S. and 3 notches on E. edges; from which

A Cedar 6 ins. diam. bears N. 56° W., 142 lks. dist.  
marked T. 17 N., R. 28 E., S., 13 B. T.

A Cedar 4 ins. diam. bears N. 46° E., 96 lks. dist.  
marked T. 17 N., R. 29 E., S., 18 B. T.

A Cedar 7 ins. diam. bears S. 72° W., 228 lks. dist.  
marked T. 17 N., R. 28 E., S., 24 B. T.

A Cedar 3 ins. diam. bears S. 54° E., 140 lks. dist.  
marked T. 17 N., R. 29 E., S., 19 B. T.

Chains.

Land mountainous *and* rolling.

Soil  $2\frac{nd}{7}$  rate.

Timber of Cedar.

Vegetation, Bunchgrass.

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North on a true line between sections 13-18,

Va. 14' 15" East.

Descend.

25.00 Cross Gulch, 5<sup>th</sup> lks. wide, Course S 60° E, and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., N and S. of  
post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft.  
high, 3 $\frac{1}{2}$  ft. base around post.

53.00 Top of Spur, bears N. 60° E. 7 S. 60° W. and descend.

73.70 Cross Wash, 8<sup>th</sup> lks. wide, Course S. 70° E and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 7-12-13-18  
marked T. 17 N. S. 7, on N. E., R 29 E., S. 18  
on S. E.  $\frac{1}{3}$  on S. W. and S. 12 on N. W. face  
with 4 notches on S. and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$  ft. base  
around post.

N.P.T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1337  
Chains.

Land mountainous *and* rolling.  
Soil *2<sup>nd</sup>* rate.  
Timber of *cedars*,  
Vegetation, *Bunchgrass*.

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North on a true line between sections *7-12*,  
Va. *14° 15'* East.

Ascend.

*29.00* Top of Spur, bears *E. & W.*, and descend.

*40.00* Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
*W.* face, dug pits, 18 x 18 x 12 ins., *N.* and *S.* of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

*43.40* Cross Wash, *5* lks. wide, Course *S. 15° W.* and ascend.

*80.00* Set a post 4 ft. long, 4 ins. square, with marked stone.  
 $12$  ins. in the ground, for Cor. to Secs. *1-6-7-12*,  
marked *T. 17 N., S. 6*, on *N. E.*, *R. 29 E., S. 7*  
on *S. E.*, *S. 12* on *S. W.* and *S. 1* on *N. W.* face  
with *5* notches on *S.* and *1* notch on *W.* edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

N. B. T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

Land mountainous and rolling.

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation, Punchgrass.

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North on a true line between sections 1-6.

Va. 14° 15' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high, 3 $\frac{1}{2}$  ft. base around post.

80.00 Set a post, 4 $\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor: to Tps. 17 and 18 N, R's 28 and 29 E, marked T, 18 N, S. 31 on N. E. R 29 E, S: 6 on S. E. T. 17 N, S. 1 on S, W, and R 28 E, S, 36 on N. W, faces, with 6 notches on each edge, dug, pits 24 x 18 x 12 ins., lengthwise on each line, N, S, E, and W, of post, 6 ft, dist, and raised a mound of earth 2 $\frac{1}{2}$  ft. high, 5 ft, base around post.

Auxiliary Guide Meridian, *along*.

*W.B.* T. 17 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of *legan*.

Vegetation, *Bunchgrass.*

*Oct. 5, 1882,*

T. 18 N. R. 29 E. G. &amp; S. R. M.

BOOK 1337

Chains.

From the Cor. to Tps. 17 & 18 N. Rs. 28 & 29 E.  
 I run, *just established* -

North on a true line between sections 31-36.

Va.  $14^{\circ} 07'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.

12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.

12 ins. in the ground, for Cor. to Secs. 25-30-31-36,  
 marked  $\frac{1}{4}$  S. 30 on N. E., R 29 E., S. 31  
 on S. E., S. 36 on S. W and S. 25 on N. W. face, 0  
 with  $\nearrow$  notch on S. and  $\cup$  notches on E. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.

Land rolling.

Soil *57d* rate

Vegetation, *Bunchgrass.*

Timber of *Cedar.*

*N. B. T.* 18 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 25-30,  
Va. 14° 15' East.

Ascend.

40.00

Set a *Sama* stone  $14 \times 10 \times 5$  ins., 9  
ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on *W.*  
face, dug pits, 18 x 18 x 12 ins., *N.* and *V.* of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 19-24-25-30,  
marked *B. 18 N. S. 19*, on *N. E.*, *R. 29 E.*, *S. 30*  
on *S. E.*, *S. 25* on *S. W.* and *S. 24* on *N. W.* face,  
with 2 notches on *S.* and 4 notches on *E.* edges,  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil *3<sup>rd</sup>* rate.

Timber of *hard*.

Vegetation, *Bunchgrass.*

*N.B.* T. 18 N R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 19-24,  
*Var.* 14° 15' East.

Ascend.

30.00 Top of Ridge, bears N. 30° E. & S. 30° W. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
 for ¼ Sec. Cor., marked ¼ S. on *W.* face; from which

A Pine 14 ins. diam. bears N. E. 24 lks. dist.  
 marked ¼ S. B. T.

A Pine 9 ins. diam. bears S. 85° W., 15 lks. dist.  
 marked ¼ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone  
 12 ins. in the ground, for Cor. to Secs. 13-18-19-24,  
 marked *N. 18° S. 18* on N. E., *R. 29 E.* S. 19  
 on S. E., *S. 24* on S. W. and S. 13 on N. W. faces  
 with 3 notches on S. and 3 notches on *2* edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.,  
 and raised a mound of earth 2 ft. high, 4½ ft. base  
 around post.

Land rolling.

Soil *3<sup>rd</sup>* rate.

Timber of *cedar*.

Vegetation, *Bunchgrass*.

Auxiliary Guide Meridian, *along*

*W.B.* T. 18 N. R. 29 E. G. & S. R. M.

BOOK 1337

ains.

North on a true line between sections *13-18,*  
Va. *14°15'* East.

Descend.

*40.00* Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground; for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., *N.* and *S.* of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

*64.10* Cross Gulch, 5 lks. wide, Course *West* and ascend.

*80.00* Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. *7-12-13-18,*  
marked *B. 18 N. S. 7*, on N. E., R. 29 E., S. 18  
*R. 28 E.*  
on S. E., S. 13 on S. W. and S. 12 on N. W. face,  
with *1* notch *es* on S. and *2* notches on *W.* edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil *3<sup>rd</sup>* rate.

Timber of *Pine & Cedar.*

Vegetation *Bunchgrass.*

Auxiliary Guide Meridian,

N. R. 18 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 7-12,  
Va.  $14^{\circ} 15'$  East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

74.00 Top of Ridge, bears  $N. 50^{\circ} E.$  &  $S. 50^{\circ} W.$  and descend.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1-6-7-12,  
marked  $N. 11^{\circ} W.$ , S. 6 on N. E., R 29 E., S. 7  
on S. E., S. 12 on S. W. and S. 1 on N. W. face,  
with  $\frac{1}{2}$  notches on S. and 1 notch on N. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 3<sup>rd</sup> rate.

Timber of Pine & cedar.

Vegetation, Bunchgrass.

Chains.

North on a true line between sections 1-6,  
Va. 1415' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone,  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

44.70 Cross low Sag and ascend.

71.50 Top of Ridge, bears N.  $70^{\circ}$  E. 7 S.  $70^{\circ}$  W. and descend.

80.00 Set a post,  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Cor: to Tps. 18  
and 19N, R's 28 and 29E, marked T, 19N, S. 31  
on N. E. R. 29E S: 6 on S. E. T. 18N, S. 1 on S,  
W, and R. 28E, S. 36. on W, faces with 6 notches  
on each edge. dug, pit. 24 x 18 x 12 ins., lengthwise on  
each line, N, S, E, and W, of post, 6 ft, dist, and  
raised a mound of earth  $2\frac{1}{2}$  ft. high, 5 ft, base  
around post, in low Sag and ascend.

Land marking.

Soil 3<sup>rd</sup> rate.

Timber of Pine and Cedar.

Vegetation, Bunchgrass. Oct. 6, 1882.

Auxiliary Guide Meridian, along

N. B. T. 16 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

From the Cor. to Tps. 15 & 16 N. Rs. 28 & 29 E.

*which see Prof. ... with a bushy oak tree and pit ...*  
 Run, *of a dist. and in middle of earth around post*

North on a true line between sections 31-36.

Va.  $17^{\circ}30'$  East.

Ascend.

11.50 Enter Timber, *W. E. & N.*

140.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on N. face; from which

A Cedar 14 ins. diam. bears  $N. 58^{\circ} W.$ , 32 lks. dist. marked  $\frac{1}{4}$  S. B. T.

A Cedar 12 ins. diam. bears  $S. 77^{\circ} E.$ , 91 lks. dist. marked  $\frac{1}{4}$  S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 25-30-31-36 marked T. 16 N., S. 30 on N. E., R. 29 E., S. 31 on S. E., S. 36 on S. W. and S. 25 on N. W. faces, with notch on S. and notch on E. edges; from which

A Cedar 16 ins. diam. bears  $N. 85^{\circ} E.$ , 19 lks. dist. marked T. 16 N., R. 29 E., S. 30 B. T.

A Cedar 14 ins. diam. bears  $N. 78^{\circ} W.$ , 116 lks. dist. marked T. 16 N., R. 29 E., S. 25 B. T.

*MB* T. 16 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

A Cedar 18 ins. diam. bears S. 11° E., 12 Uks. dist.  
marked T. 16 N., R. 29 E., S., 31 B. T.

A Cedar 14 ins. diam. bears S. 41° W., 74 Uks. dist.  
marked T. 16 N., R. 28 E., S., 36 B. T.

Land rolling.

Soil 2<sup>nd</sup> rate.

Timber of cedar.

Vegetation, Bunchgrass.

Auxiliary Guide Meridian, *along*

N. B. T. 16 N. R. 29 E. G. & S. R. M.

No. 1337 BOOK 1337

Chains.

North on a true line between sections 25-30.  
Va. 14°30 East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on *N.* face; from which  
A Cedar 18 ins. diam. bears N. 72° E., 51 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Cedar 14 ins. diam. bears N. 22° W., 92 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

57.20 Top of Ridge, bears N. W. & S. E., and descend.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,  
for Cor. to Secs. 19-24-25-30 marked T. 16 N.,  
S. 19 on N. E., R. 29 E., S. 30 on S. E., S. 25 on  
S. W. and S. 24 on N. W. faces, with 2 notches on  
S. and 4 notches on E. edges; from which  
A Cedar 10 ins. diam. bears N. 51° W., 15 lks. dist.  
marked T. 16 N., R. 29 E., S. 24 B. T.

A Cedar 12 ins. diam. bears N. 67° E., 22 lks. dist.  
marked T. 16 N., R. 29 E., S. 19 B. T.

A Cedar 14 ins. diam. bears S. 49° W., 32 lks. dist.  
marked T. 16 N., R. 29 E., S. 25 B. T.

Auxiliary Guide Meridian, *along*

*W* T. 16 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

A Cedar 18 ins. diam. bears S. 66° E., 82-ns dist  
marked T. 16 N. R. 29 E. S. 30 B. T.

Land mountainous

Soil 2<sup>nd</sup> rate.

Timber of Cedar.

Vegetation, Bunchgrass.

Chains.

North on a true line between sections 19-24,  
Va.  $14^{\circ}30'$  East.

Descend.

46.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,  
for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on *W.* face; from which

A Cedar 14 ins. diam. bears  $N. 20^{\circ} E.$ , 27 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

A Cedar 12 ins. diam. bears  $N. 32^{\circ} W.$ , 45 lks. dist.  
marked  $\frac{1}{2}$  S. B. T.

52.25 Leave Timber, <sup>hrs</sup>  $N. E.$  &  $S. W.$

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 13-18-19-24,  
marked  $T. \frac{1}{2} N. S. 18$ , on N. E.,  $R. 29 E.$ ,  $S. 19$   
on S. E.,  $S. 24$  on S. W. and  $S. 13$  on N. W. face,  
with 3 notches on S. and 3 notches on *E.* edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil *2 na* rate.Timber of *cedar*,Vegetation, *Bunchgrass.*

Auxiliary Guide Meridian, *along*

*N.B.* T. 16 N. R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 13-18,  
Val. 14° 30' East.

Ascend.

40.00

Set a post 3 ft. long, 3 ins. diam. with marked stone,  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

53.20

Top of mesa, bears N. E. & S. W. & descend.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone,  
12 ins. in the ground, for Cor. to Secs. 7-12-13-18,  
marked T. 16 N. S. 7, on N. E., R. 29 E., S. 18  
*R. 28 E.*  
on S. E., S. 13 on S. W. and S. 12 on N. W. face  
with 4 notches on S. and 2 notches on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.  
Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation, Bunchgrass.

Chains.

North on a true line between sections

7-12,

Va. 14° 30 East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  S. on  
N. face, dug pits, 18 x 18 x 12 ins. N. and S. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 1-6-7-12,  
marked T. 16 N. S. 6 on N. E., R. 29 E., S. 7  
on S. E. <sup>R. 28 E.</sup> S. 12 on S. W. and S. 1 on N. W. face  
with 5 notches on S. and 1 notch on E. edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation, Bromegrass,

T. 16 N R. 29 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 1-6,  
Va. 140 30' East.

Descend.

4.31 Intersect the <sup>4th</sup> Standard Parallel <sup>North</sup> at a point 2,83 chs. <sup>West</sup> of the Standard Cor. to Sees. and T. 17 N. R. 28-29 <sup>at which</sup>

a post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Tps. 17 N., R's 28 and 29 E., marked S. C. T: 17 N., on N. R. 28 E. S. 36, on N. and R. 29 E. S. 31 on E., faces with 6 notches on N. E. & W. faces, dug pits, 24 x 18 x 12 ins, crosswise on each line, N. E. & W. of post, 6 ft, dist, and ~~raised~~ a mound of earth  $2\frac{1}{2}$  ft, high, 5 ft, base, around post, *and*

Set a post  $4\frac{1}{2}$  ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Closing Cor. to Tps. 16 N., R's 28 and 29 E., marked C. C. T: 16 N., on S, R. 28 E. S. 1, on N. and R. 29 E. S. 6 on E. faces with 6 notches on S. E. & W. faces, dug pits, 24 x 18 x

Auxiliary Guide Meridian,

T. 16 N. R. 29 E. G. & S. R. M.

BOOK 1887

12 ins, crosswise on each line, *N. E. W.* of post, 6  
ft, dist, and raised a mound of earth  $2\frac{1}{2}$  ft, high, 5  
ft, base, around post,

Land rolling.

Soil 2<sup>nd</sup> rate

Vegetation, *Bunchgrass,*

*Oct. 10, 1882,*

BOOK 1337

Chains.

Before proceeding further with the exteriors of this Twp.,  
I made a change of 6 minutes in the latitude arc  
of my solar compass by subtracting same from  
the reading previously given, and at noon verified and  
corrected same by observation on the sun. I also fur-  
ther tested instrument by reversing.

From the Cor. to Tps. 14 & 15 N. Rs. 24 & 25<sup>0</sup>,  
Which is a Post properly marked  
& notched with pits in  
each sec, and mound  
of earth around post  
established as per inst-  
ructions of the old  
Manual

Iron  
North on a true line between sections 31-36.  
Va. 13°45' East

2.00 Over River Bottom,  
across Colorado River, 50 kts. wide,  
course West

## Chains.

- 34.00 Cross tributary of same, 15 lks. wide, runs  
These streams spread about 10 chs. West  
of this point, causing the Swampy  
land in the Southern part of the Sp.
- 40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
W. face, dug pits, 18 x 18 x 12 ins., S. and N. of  
post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
high,  $3\frac{1}{2}$  ft. base around post.
- 51.00 Lower River Bottom, Vascena,
- 53.00 Top of Bluff, 40 ft. high & descend.
- 58.00 From this point, House bears  
West, 175 lks. dist.
- 59.75 A Stable bears West from this  
point about 250 lks. dist.
- 74.00 Store house bears West about 250 lks. dist.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
12 ins. in the ground, for Cor. to Secs. 25-30-31-36,  
marked  $\frac{1}{4}$  S. 30, on N. E., R 25 E., S. 31  
on S. E., S. 36 on S. W. and S. 25 on N. W. face D  
with  $\nearrow$  notch on S. and 5 notches on  $\nwarrow$  edges;  
dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
around post.

Auxiliary Guide Meridian, *along*  
 N. B. T. 15 N. R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

Land rolling.

Soil *3<sup>rd</sup>* rate

Vegetation, *Bunchgrass.*

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North on a true line between sections 25-30.

Va. *13°45'* East.

Ascend. *gradually.*

10.50 Over rolling land.

140.00 Set a post 3 ft. long, 3 ins. diam. with marked stone. 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base around post.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone. 12 ins. in the ground, for Cor. to Secs. 19-24-25-30, marked *R. 15<sup>th</sup> S. 19*, on N. E., *R. 25<sup>th</sup> S. 30* on S. E., *S. 25* on S. W. and *S. 24* on N. W. face, with *2* notch *eo* on S. and *4* notches on N. edges; dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base around post.

Land rolling.

Soil *3<sup>rd</sup>* rate

Vegetation, *Bunchgrass.*

Auxiliary Guide Meridian, *along*  
*N.B.T.* 15 N. R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 19-24,  
 Va. 73°45' East.

Over rolling land.

27.00 Foot of Bluff, bears E. & W.  
 31.00 Top of same, bears N. 50° E. & S. 50° W. & des.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 W. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

60.00 Descend gradually,

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone.  
 12 ins. in the ground, for Cor. to Secs. 13-18-19-24,  
 marked T. 15 N. S. 18, on N. E., R 25 E., S. 19  
 on S. E., S. 24 E. For S. W and S. 13 on N. W. face  
 with 3 notches on S. and 3 notches on N. edges;  
 dug pits, 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist.,  
 and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base  
 around post.  
 Land rolling.

Soil *3rd* rate

Vegetation, *Bunchgrass.*

20  
 Auxiliary Guide Meridian, *Along*  
 N.B.T. 15 N. R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 13-18,  
 Va. 13° 45' East.

Ascend.  
 Over rolling land.

17.00 Top of Spur, bears N. 50° E. & S. 50° W. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone.  
 12 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  S. on  
 N. face, dug pits, 18 x 18 x 12 ins., N. and S. of  
 post  $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft.  
 high,  $3\frac{1}{2}$  ft. base around post.

47.80 Cross low Sag and ascend.

80.00 Set a *Sana* stone  $1\frac{1}{8}$  x  $1\frac{1}{2}$  x 5 ins. 2 ins. in  
 the ground for Cor. to Secs. 7-12-13-18 marked  
 with 4 notches on S. and 2 notches on E. edges, dug pits  
 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a  
 mound of earth 2 ft. high 4 $\frac{1}{2}$  ft. base. alongside  
 Land rolling.

Soil *3rd* rate

Vegetation, *Bunchgrass.*

28A

BOOK 1337

North on a true line between sections 7-12,

Auxiliary Guide Meridian, along

N. P. T. 15 N. R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 1-6.  
 Va.  $73^{\circ}45'$  East.

Over rolling land.

40.00 Set a Sand stone  $2 \times 2 \times 5$  ins., 8  
 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
 face, dug pits,  $18 \times 18 \times 12$  ins., N and S. of stone  
 $5\frac{1}{2}$  ft. dist., and raised a mound of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base. alongside

144.00 Descend. gradually.

50.65 Cross Wash, 15 lks. wide, Course N. 85° W. and ascend.

80.00 Set a Granite stone  $20 \times 12 \times 6$  ins. 5 ins. in  
 the ground, for Cor. to Tps. 15 and 16 N. R's 24 and  
 25 E., marked with 6 notches on each edge, dug pits,  $24$   
 $\times 18 \times 12$  ins. lengthwise on each line, N. S. E. and W.  
 of stone, 6 ft. dist., and raised a mound of earth  $2\frac{1}{2}$  ft.  
 high, 5 ft. base. alongside

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation, Bunchgrass.

Oct. 18, 1882.

Vegetation, *Bunchgrass.*

28A

BOOK 1837

North on a true line between sections

1-12,

Pa. 13° 15' East.

Ascend. gradually.

34.00

Top of

Mesa and along same.

40.00

Set a

Sima stone 12 x 12 x 5 ins., 5

ins. in the ground, for  $\frac{1}{2}$  Sec. Cor., marked  $\frac{1}{2}$  on N. face, dug pits, 18 x 18 x 12 ins., N and S. of stone  $5\frac{1}{2}$  ft. dist., and raised mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base. alongside

80.00

Set a

Sima stone 15 x 13 x 5 ins., 6 ins. in

the ground for Cor. to Secs. 1-6-7-12 marked with Notch on S. and Notch on N. edges, dug pits 18 x 18 x 12 ins. in each Sec.,  $5\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base. alongside

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation

*Bunchgrass.*

BOOK 1837

BOOK 1837

Chains.

BOOK 1337

From the Cor. to Tps. 15 & 16 N. Rs. 24 & 25 E.,  
I run,

North on a true line between sections 31-36  
Va. 13<sup>1</sup>/<sub>4</sub> East.

Ascend.

5.00 Top of Ridge, bears N. E. & S. W. and descend.

36.00 Enter Flat bears N. E. & S. W.

40.00 Set a *Sana* stone 14 x 13 x 4 ins., 14  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on N.  
face, dug pits, 18 x 18 x 12 ins., N and V. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. alongside

80.00 Set a *Sana* stone 18 x 12 x 3 ins. 12 ins. in  
the ground for Cor. to Secs. 25-30-31-36 marked  
with 1 notch on S. and 5 notches on N. edges, dug pits  
18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high 4 $\frac{1}{2}$  ft. base. alongside

Land rolling.

Soil 3<sup>rd</sup> rateVegetation *Bunchgrass.*

Auxiliary Guide Meridian,

N.B. T. 16 N R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 25-30,  
Va. 23'48' East.

Over level land

40.00 Set a Sand stone 19 x 8 x 4 ins., 14  
ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{2}$  on N.  
face, dug pits, 18 x 18 x 12 ins., N and S. of stone  
5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
3 $\frac{1}{2}$  ft. base. *along side*

80.00 Set a Sand stone 18 x 5 x 4 ins. 12 ins. in  
the ground for Cor. to Secs. 19-24-25-30 marked  
with 2 notch on S. and 4 notches on E. edges, dug pits  
18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a  
mound of earth 2 ft. high 4 $\frac{1}{2}$  ft. base. *along side*

Land level.

Soil 3<sup>rd</sup> rate

Vegetation, *Bunchgrass.*

*H.P.* T. 16 N. R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections *19-24*,  
Va. *13°48'* East.

Over level land

- 22.00* Cross Wash, 120 lks. wide, Course *S.W.*
- 40.00* Set a *Sama* stone *15x10x4* ins., *10* ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on *W.* face, dug pits, *18x18x12* ins., *1* and *S.* of stone *5½* ft. dist., and raised a mound of earth *1½* ft. high, *3½* ft. base. alongside
- 80.00* Set a *Sama* stone *6x4x4* ins. *11* ins. in the ground for Cor. to Secs. *13-18-19-24* marked with *Notch* on *S.* and *Notches* on *W.* edges, dug pits *18x18x12* ins. in each Sec., *5½* ft. dist., and raised a mound of earth *2* ft. high *4½* ft. base. alongside
- Land level.
- Soil *3<sup>rd</sup>* rate
- Vegetation, *Bunchgrass.*

50

Auxiliary Guide Meridian, *along*  
 N. B. T. 16 N. R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 13-18,  
 Va. 13° 48' East.

Over level land

40.00 Set a *Sand* stone 20 x 10 x 6 ins., 15  
 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W.  
 face, dug pits, 18 x 18 x 12 ins., N and S. of stone  
 5 $\frac{1}{2}$  ft. dist., and raised a mound of earth 1 $\frac{1}{2}$  ft. high,  
 3 $\frac{1}{2}$  ft. base. alongside

43.10 Leave Flat bears N. E. & S. W., and ascend:

80.00 Set a *Sand* stone 16 x 12 x 5 ins. 1 ins. in  
 the ground for Cor. to Secs. 7-12-13-18 marked  
 with 4 notches on S. and 2 notches on W. edges, dug pits  
 18 x 18 x 12 ins. in each Sec., 5 $\frac{1}{2}$  ft. dist., and raised a  
 mound of earth 2 ft. high 4 $\frac{1}{2}$  ft. base. alongside

Land level. *and* rolling.

Soil 3<sup>rd</sup>  
 " rate

Vegetation, *Bunchgrass.*

Auxiliary Guide Meridian, *along*

T. 16 N. R. 25 E. G. & S. R. M.

Chains. BOOK 1337

North on a true line between sections 7-12,  
Va. 13° 48' East.

Ascend.

40.00

Set a Sand stone 15 x 12 x 8 ins., 10 ins. in the ground, for  $\frac{1}{4}$  Sec. Cor., marked  $\frac{1}{4}$  on W. face, dug pits, 18 x 18 x 12 ins., N and S. of stone 5  $\frac{1}{2}$  ft. dist., and raised a mound of earth 1  $\frac{1}{2}$  ft. high, 3  $\frac{1}{2}$  ft. base. alongside

80.00

Set a Sand stone 15 x 12 x 8 ins., 10 ins. in the ground for Cor. to Secs. 1-6-7-12 marked with notches on S. and / notch on N. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5  $\frac{1}{2}$  ft. dist., and raised a mound of earth 2 ft. high 4  $\frac{1}{2}$  ft. base. alongside  
Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation Bunchgrass,

Auxiliary Guide Meridian, along

N.B.T. 16 N. R. 25 E. G. & S. R. M.

BOOK 1337

Chains.

North on a true line between sections 1-6,  
Va. 13° 48' East.

Descend. Over rolling land.

35.00 Cross Wash, 75 yds. wide, Course N, and ascend.

40.00 Set a Sand stone 4 x 10 x 8 ins., 9  
ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on N.  
face, dug pits, 18 x 18 x 12 ins., N and S. of stone  
5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high,  
3 1/2 ft. base. along grade

70.22 Intersect the 4th Standard Parallel North at a  
point 33.55 chs. West of the Standard Cor. to  
Tps. 17 N. and R. 24 W. which is

a post 4 1/2 ft. long, 4 ins. square, with marked  
stone 12 ins. in the ground, for Standard Cor. to  
Tps. 17 N., R. 24 and 25 E. marked S. C.  
T: 17 N. on N. R. 24 E. S. 36, on  
N. and R. 25 E. S. 31 on E. faces with 6  
notches on N. E. & W. faces, <sup>and</sup> pits, 24 x 18 x  
12 ins, crosswise on each line, N. E. & W. of post, 6  
ft. dist, and ~~raised~~ a mound of earth 2 1/2 ft. high, 5  
ft. base, around post,

BOOK 1337

Chains.

at point of intersection I set a  
 Set a sandstone  $15 \times 12 \times 8$  ins. 10 ins. in the  
 ground for Closing Cor. to Tps. 16 N., R's 24  
 and 25 E., marked O. C., with 6 notches on S. E. & W. <sup>10</sup>  
 edges, dug pits  $24 \times 18 \times 12$  ins. crosswise on each line,  
 S. E. & W. of stone 6 ft. dist. and raised a mound of  
 earth,  $2\frac{1}{2}$  ft. high, 5 ft. base.

Land rolling.

Soil 3<sup>rd</sup> rate

Vegetation, Bunchgrass,

I carefully examined the adjustments of my solar  
 compass to-day, particularly the latitude and revers-  
 ing apparatus, and found them correct.

Oct. 20, 1882,

Chains.

For final oaths see  
book 13. of survey, sub-  
division of T. 18. N.,  
R. 28. E.,

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U. S. Surveyor General's Office,

TUCSON, ARIZONA,

July 31, 1883

The foregoing Field Notes of the Survey of the  
Auxiliary Guide Meridian  
Along N. Ry, Townships  
16, 17 & 18 North Range 29 East  
Along

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by

Henry A. Coe

Deputy Surveyor, under his contract of the

20<sup>th</sup>

day of

July

, 1882, having been

critically examined and the necessary corrections and explana-  
tions made, the said Field Notes and the surveys they describe  
are hereby approved.

J. M. Robinson

Surveyor General.