

1249

P-1

FIELD-NOTES

BOOK 1249

+
OF

No. 1249

The 6th Standard Parallel along
S. boundaries of
Townships 25 North

Ranges 22, 23, 24, 25, 26, 27, 28, 29

East.

Gila and Salt River Meridian, Arizona.

BY

BOOK 1249

Frank T. Johnson, Deputy Surveyor,
under his contract of July 31st 1882
Survey commenced April 3rd 1882
Survey completed April 6th 1883

No. 1249

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BOOK 1249

6th Standard Parallel North

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	8010	8011	8012	8013	8014	8015	8016	8017	8018	8019	8020	8021	8022	8023	8024	8025	8026	8027	8028	8029	8030	8031	8032	8033	8034	8035	8036	8037	8038	8039	8040	8041	8042	8043	8044	8045	8046	8047	8048	8049	8050	8051	8052	8053	8054	8055	8056	8057	8058	8059	8060	8061	8062	8063	8064	8065	8066	8067	8068	8069	8070	8071	8072	8073	8074	8075	8076	8077	8078	8079	8080	8081	8082	8083	8084	8085	8086	8087	8088	8089	8090	8091	8092	8093	8094	8095	8096	8097	8098	8099	80100	80101	80102	80103	80104	80105	80106	80107	80108	80109	80110	80111	80112	80113	80114	80115	80116	80117	80118	80119	80120	80121	80122	80123	80124	80125	80126	80127	80128	80129	80130	80131	80132	80133	80134	80135	80136	80137	80138	80139	80140	80141	80142	80143	80144	80145	80146	80147	80148	80149	80150	80151	80152	80153	80154	80155	80156	80157	80158	80159	80160	80161	80162	80163	80164	80165	80166	80167	80168	80169	80170	80171	80172	80173	80174	80175	80176	80177	80178	80179	80180	80181	80182	80183	80184	80185	80186	80187	80188	80189	80190	80191	80192	80193	80194	80195	80196	80197	80198	80199	80200	80201	80202	80203	80204	80205	80206	80207	80208	80209	80210	80211	80212	80213	80214	80215	80216	80217	80218	80219	80220	80221	80222	80223	80224	80225	80226	80227	80228	80229	80230	80231	80232	80233	80234	80235	80236	80237	80238	80239	80240	80241	80242	80243	80244	80245	80246	80247	80248	80249	80250	80251	80252	80253	80254	80255	80256	80257	80258	80259	80260	80261	80262	80263	80264	80265	80266	80267	80268	80269	80270	80271	80272	80273	80274	80275	80276	80277	80278	80279	80280	80281	80282	80283	80284	80285	80286	80287	80288	80289	80290	80291	80292	80293	80294	80295	80296	80297	80298	80299	80300	80301	80302	80303	80304	80305	80306	80307	80308	80309	80310	80311	80312	80313	80314	80315	80316	80317	80318	80319	80320	80321	80322	80323	80324	80325	80326	80327	80328	80329	80330	80331	80332	80333	80334	80335	80336	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Standard Parallel North

(Along) South Bdy of T. 25 N.
Through Range ~~to~~ 22 E 1-6

"	23	:	6-12
"	24	"	12-18
"	25	"	18-26
"	26	"	26-35
"	27	"	35-44
"	28	"	44-52
"	29	"	

For description of instrument used and
preliminary notes see Book No 1

Preliminary Oaths of Assistants.

I, , do solemnly swear that I will well and truly perform the duties of compassman, according to instructions given me, and to the best of my skill and ability, in the survey of the

....., Compassman.

Subscribed and sworn to before me this
day of , 188.....

We, ,
and ,
do solemnly swear that we will well and faithfully execute the

duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the 6th Standard North along S. B. Thos 25 & R^s 22 2
26. 25. 26. 27. 28 + 29 E, The
E. B. Thos 25 & R 29 E. The Exterio
and Subdivision lines of Thos 26 &
R^s 28 + 29 E & S. R. M.

James Duffy, Chainman.
J.W. Cassette, Chainman.

, Chainman.

, Chainman.

Subscribed and sworn to before me this 31st
day of May, 1883

A. E. Shoemaker

G. S. Commissioner, 3d Judicial Dist. - 10
Arizona Territory.

6th Standard Parallel along

10

B T. 25 N. R. 22 E. G. & S. R. M.

No. 1249

BOOK 1249

Standard
From the Cor. to Tps.

25 N. R. 21 & 22^E,

which is a post, set firmly in the
ground, marked

S. 25 N. or N.

R. 22^E, S. 31 or E. and R. 21^E, S. 36 or
W. faces, with 6 notches on N., E. and W.
faces, and pits and earth
mound in good condition,
annual post.

10 m

East. on a true line on S. B. of Section 31.

Va. 14° 30' East.

Over level land

Leave Valley, bears N. E. and S. W. and ascend.

Set a sand stone 14 x 12 x 8 ins. 9
ins. in the ground for Standard $\frac{1}{2}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E. and W.
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

0 Set a sand stone 14 x 10 x 8 ins. 9 ins. in
the ground for Standard Cor. to Secs. 31 and 32,
marked S. C., with 5 notches on E. and 1 notch on

6th Standard Parallel along

S. B. T. 20 N. R. 22 E. G. & S. R. M.

BOOK 1249

Chains.

W. edges, dug pits 18 x 18 x 12 ins. N., E. and W. of stone, 5½ ft. dist., and raised mound of earth 2 ft. high 4½ ft. base. alongside.

Land level. and rolling.

Soil 2 $\frac{1}{2}$ rate

Vegetation, bunchgrass.

East. on a true line on S. B. of Section 82.

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 Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ Son N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

46.40 Top of Spur, bears N. $\frac{1}{2}$ S. and descend.

80.00 Set a sand stone $14 \times 14 \times 10$ ins. 9 ins. in the ground for Standard Cor. to Secs. 32 and 33, marked S. C., with 4 notch~~s~~ on E. and 2 notched on W. edges, dug pits 18 x 18 x 12 ins. N., E. and W. of stone, 5½ ft. dist., and raised mound of earth 2 ft. high 4½ ft. base. alongside.

Chains.

*Land mountainous.*Soil 2nd rate

Vegetation bunchgrass.

East. on a true line on S. B. of Section 33.

Va. $14^{\circ} 30'$ East*Over rolling land.*

40.00 Set a sand stone $18 \times 12 \times 8$ ins., 8 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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 $20 \times 12 \times 10$ ins. \checkmark ins. in the ground for Standard Cor. to Secs. 33 and 34 marked S. C., with 2 notches on E. and 3 notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

*Land rolling.*Soil 3rd rate

Vegetation, bunchgrass.

4 *6th* Standard Parallel along

S. B. T. 25 N. R. 22 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 34.

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

Over rolling land.

40.00 Set a sand stone $15 \times 12 \times 8$ ins., 10

ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.

C. $\frac{1}{2}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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 $14 \times 12 \times 8$ ins. 9 ins. in the ground for Standard Cor. to Secs. 34 and 35, marked S. C., with 2 notches on E. and 4 notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil 3 m rate

Vegetation bermudagrass.

~~200~~ Standard Parallel along
S. B. T. 25 N. R. 22 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 35.

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

Descend.

2.00 Enter low Sag, course N.W.

37.00 Leave low Sag, course N.W.

40.00 Set a sand stone $20 \times 12 \times 8$ ins., 10 ins. in the ground for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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 $20 \times 12 \times 8$ ins. 10 ins. in the ground for Standard Cor. to Secs. 35 and 36, marked S. C., with 1 notch on E. and notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil 3 m rate

Vegetation, bermagrass.

~~6th~~ Standard Parallel along

S. B. T. 25 N. R. 22 E. G. & S. R. M.

BOOK 1249

chains.

East. on a true line on S. B. of Section 36.

Va. 14° 20' East.

Over rolling land.

- 40.00 Set a sand stone $14 \times 12 \times 8$ ins., 9
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
 $C. \frac{1}{2}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W.
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 sandstone $12 \times 10 \times 8$ ins. 8 ins. in the
ground for Standard Cor. to Tps. 25 N., R's 22
and $23^E.$, marked S. C., with 6 notches on N., E. & W.
edges, dug pits $24 \times 18 \times 12$ ins. crosswise on each line,
 $N.$, $E.$ & $W.$ of stone 6 ft. dist. and raised a mound of
earth, $2\frac{1}{2}$ ft. high, 5 ft. base alongside.

Land rolling.

Soil $3\frac{1}{2}$ m. rate

Vegetation, bunchgrass.

~~6th~~ Standard Parallel along
S. B. T. 25 N. R. 23 E. G. & S. R. M.

BOOK 1249

chains.

East. on a true line on S. B. of Section 31.

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

Over rolling land.

- 40.00 Set a sand stone $1\frac{1}{2}$ x 8 x 6 ins., 8 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E. and W. 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.
- 42.00 Top of Spur, bears Y_1 Gal S. and descend.
- 80.00 Set a sand stone $1\frac{1}{2}$ x 10 x 8 ins. 8 ins. in the ground for Standard Cor. to Secs. 31 and 32, marked S. C., with 5 notches on E. and 1 notch on W. edges, dug pits 18 x 18 x 12 ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base, alongside.

Land rolling.

Soil $2\frac{1}{2}$ rate

Vegetation, bunch grass.

~~600~~ Standard Parallel along

S. B. T. 25 N. R. 23 E. G. & S. R. M.

BOOK 1249

chains.

East. on a true line on S. B. of Section 32.

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

Descend.

- 40.00 Set a sand stone $18 \times 16 \times 18$ ins., 12 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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.
- 56.00 Cross Wash, 80 lks. wide, Course S. 25° W. and ascend.
- 80.00 Set a sand stone $20 \times 12 \times 6$ ins. 10 ins. in the ground for Standard Cor. to Secs. 32 and 33, marked S. C., with 4 notches on E. and 2 notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil ~~3 m~~ rate

Vegetation, bunchgrass.

~~6⁰⁰~~ Standard Parallel along
S. B. T. 25 N. R. 23 E. G. & S. R. M.

BOOK 1249

chains.

East. on a true line on S. B. of Section 23.

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

Ascend.

- 40.00 Set a sand stone $14 \times 12 \times 8$ ins., 7 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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 $14 \times 10 \times 8$ ins., 7 ins. in the ground for Standard Cor. to Secs. 23 and 24 marked S. C., with 3 notches on E. and 3 notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land rolling.

Soil ~~soil~~ rate

Vegetation bunch grass

10 6th Standard Parallel along

S. B. T. 25 N. R. 23 E. G. & S. R. M.

BOOK 1249

chains.

East, on a true line on S. B. of Section 34,

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

Ascend.

16.00 Top of Hill bears S. 45° W. and descend.

40.00 Set a sand stone $20 \times 8 \times 6$ ins., 15 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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 $14 \times 14 \times 8$ ins. 9 ins. in the ground for Standard Cor. to Secs. 34 and 35, marked S. C., with 2 notches on E. and 4 notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land hilly

Soil good rate

Vegetation, bunchgrass.

S. B. T. 25 N. R. 23 E. G. & S. R. M.

BOOK 1249

chains.

East. on a true line on S. B. of Section 35.

Va., $4^{\circ} 30'$ East.

Descend.

16.00 Enter Valley, bears, S. 45° W.

40.00 Set a sand stone $14 \times 12 \times 8$ ins., 9 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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.

47.00 Enter corn field, bears N. 20° S.
a cabin bears S. 100 deg. dist.

74.40 Intersect cabin, on-line.

76.00 Leave corn field, bears N. 10° W.

80.00 Set a sand stone $20 \times 12 \times 8$ ins. 15 ins. in the ground for Standard Cor. to Secs. 35 and 36, marked S. C., with 1 notch on E. and 5 notches on W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land level.

Soil 2^{nd} rate

Vegetation, bunch grass.

12 6th Standard Parallel along

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

BOOK 1249

Chains.

East. on a true line on S. B. of Section 36.

Va. 14° 30' East.

Over level land

40.00

Set a Sand stone $22 \times 12 \times 4$ ins., 16
ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, and raised a mound of stone alongside.
Pits impracticable.

80.00

Set a sand stone $28 \times 12 \times 8$ ins. 21 ins. in the
ground for Standard Cor. to Tps. 25 N., R's 23
and 24 E., marked S. C., with 6 notches on N., E. $\frac{1}{4}$ W
edges, dug pits $24 \times 18 \times 12$ ins. crosswise on each line,
N. E. $\frac{1}{4}$ W. of stone 6 ft. dist. and raised a mound of
earth, $2\frac{1}{2}$ ft. high, 5 ft. base. alongside.

Land level.

Soil 2^{nd} rate

Vegetation, bermudagrass.

April 3rd 1883

~~600~~ Standard Parallel along 15
S. B. T. 25 N. R. 24 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 31,

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

Over level land

- 36.00 Leave Valley, bears S. 15° E. and ascend.
40.00 Set a sand stone $20 \times 12 \times 4$ ins., 15 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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.
49.00 Top of bluff, bears S. 15° E.
50.00 Enter Timber, Bears. S. 15° E.
80.00 Set a sand stoness $\times 12 \times 4$ ins. 10 ins. in the ground for Standard Cor. to Secs. 31 and 32, marked S. C., with 5 notches on E. and 1 notch on W. edges and raised a mound of stone. alongside.
Pits impracticable.

Land rolling.

Soil ~~poor~~ rate

Vegetation, bunchgrass.

Timber of Pine.

14 Standard Parallel along
S. B. T. 25 N. R. 24 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 32.

Va., $4^{\circ} 20'$ East.

Ascend.

40.00 Set a sand stone $20 \times 12 \times 8$ ins., 15
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W.
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 $12 \times 10 \times 8$ ins. 8 ins. in
the ground for Standard Cor. to Secs. 32 and 33,
marked S. C., with 4 notches on E. and 2 notches on
W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and
W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land hilly

Soil ~~3rd~~ rate

Vegetation, bunchgrass.

Timber of Pine.

S. B. T. 25 N. R. 24 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 33.

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

Ascend.

20.00 Top of Hill bears N. E. and S. W. and descend.
with marble stone

40.00 Set a post 3 ft. long, 3 ins. diam., 12 ins. in the ground,

for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face,dug pits, 18 x 18 x 12 ins., E. and W. 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. from which

A Pine 5 ins. diam. bears S. 20° E., 20 lks. dist.marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

78.00 Cross low Sag and ascend.

80.00 Set a sand stone 14 x 12 x 8 ins. 9 ins. in
the ground for Standard Cor. to Secs. 33 and 34,
marked S. C., with 3 notches on E. and 3 notches on
W. edges, dug pits 18 x 18 x 12 ins. N., E. and
W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land hilly

Soil $\frac{3}{4}$ m. rock.

Timber of Pine.

Vegetation, *Venugrasas*.

16 6th Standard Parallel along

S. B. T. 25 N. R. 24 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 34.

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

Ascend.

40.00 Set a sand stone $14 \times 12 \times 8$ ins., 7
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W.
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.

from which

A Juniper 10 ins. diam. bears S. $30^{\circ} W.$, 29 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

80.00 Set a sand stone $20 \times 10 \times 8$ ins. ins. in
the ground for Standard Cor. to Secs. 34 and 35
marked S. C., with notches on E. and 4 notches on
W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and
W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land hilly

Soil ~~soil~~ rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

~~6th~~ Standard Parallel along
S. B. T. 25 N. R. 24 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 35.

Ja. 14° 30' East.

Ascend.

40.00 Set a sand stone $14 \times 12 \times 8$ ins., 7
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
 $\frac{C}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W.
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. from which

A Pine 10 ins. diam. bears N. $10^{\circ} E.$, 28 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

80.00 Set a sand stone $12 \times 10 \times 8$ ins. 8 ins. in
the ground for Standard Cor. to Secs. 35 and 36,
marked S. C., with 1 notch on E. and 5 notches on
W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and
W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

Land hilly

Soil ~~soil~~ rate.

Timber of Pine & Juniper.

Vegetation, sagebrush.

8 6th Standard Parallel along

S. B. T. 25 N. R. 24 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 36.

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

Ascend.

- 40.00 Set a sandstone $12 \times 10 \times 8$ ins., 8 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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 sandstone $12 \times 12 \times 8$ ins. 8 ins. in the ground for Standard Cor. to Tps. 25 N., R's 24 and 25 E., marked S. C., with 6 notches on N, E. & W. edges, dug pits $24 \times 18 \times 12$ ins. crosswise on each line, N, E. & W. of stone 6 ft. dist. and raised a mound of earth, $2\frac{1}{2}$ ft. high, 5 ft. base, alongside.

Land hilly

Soil 3rd rate.

Timber of Pine and Juniper.
Vegetation, bunchgrass.

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

BOOK 1249

chains.

East. on a true line on S. B. of Section 31.

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

Ascend.

- 240.00 Set a post 3 ft. long, 3 ins. diam., 12 ins. in the ground, with marked stone for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. 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. from which
 A Pine 10 ins. diam. bears N $2^{\circ} 45' W$, 88 lks. dist.
 marked S. C. $\frac{1}{4}$ S. B. T.

No other trees within limits.

- 250.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Standard Cor. to Secs. 31 and 32 marked S. O. with marked stone
 T. 25 N. R. 25 E., on N. S. 32 on E. and S. 31 on W. faces, with 5 notches on E. and 1 notch on W. faces, dug pits 18 x 18 x 12 ins. N. E. - W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post. from which

A Pine 12 ins. diam. bears N $24^{\circ} 30' W$, 122 lks. dist.
 marked T. 25 N. R. 25 E., S., 31 B. T.

A Pine 8 ins. diam. bears N $30^{\circ} E$, 80 lks. dist.
 marked T. 25 N. R. 25 E., S., 32 B. T.

6th Standard Parallel along

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

BOOK 1249

Chains.

No other trees within limits.

Land rolling.

Soil 3 m rate.

Timber of Pine and Juniper.

Vegetation, beardgrass.

East. on a true line on S. B. of Section 32

Va. 14° 30' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam., ^{with marked slot} 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. 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. ^{from which}

A Pine 13 ins. diam. bears N. 82° W., 100 lks. dist.
marked ^{S. C.} $\frac{1}{4}$ S. B. T.

No other trees within limits.

50.00 Set a post, 4 ft. long, 4 ins. square, ^{with marked slot} 12 ins. in the ground, for ^{Standard} Cor. to Secs. 32 and 33, marked S. O. T. 25 N. R. 25 E., on N. S. 33 on E. and S. 32 on W. faces, with 4 notches on E. and 2 notches on W. faces, dug pits 18 x 18 x 12 ins. N. E. $\frac{1}{2}$ of post, 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$ ft. base around post.

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

BOOK 1249

ains.

from which

A Pine 20 ins. diam. bears $W. 15^{\circ} W.$ 60 lks. dist.
marked T. 25 4, R. 25 E., S. 32 B. T.

No other trees within limits.

Land rolling.

Soil ~~so~~ rate.

Timber of Pine ~~and~~ Juniper.
Vegetation, bunchgrass.

East. on a true line on S. B. of Section 28,

Va. $4^{\circ} 30'$ East.

Over rolling land.

40.00 Set a post 3 ft. long, 3 ins. diam. ^{with rounded stone}, 12 ins. in the ground,
for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ Son N. face,
dug pits, 18 x 18 x 12 ins., E. and W. 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. from which

A Pine 13 ins. diam. bears $W. 25^{\circ} W.$ 83 lks. dist.
S. C.
marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

80.00 Set a post, 4 ft. long, 4 ins. square, ^{with rounded stone}, 12 ins. in the
ground, for Standard Cor. to Secs. 33 and 34 marked S. C.

~~S. B.~~ 6th Standard Parallel along

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

BOOK 1249

Chains.

T. 25th, R. 25^E., on N. S. 54 on E. and S. 83 on
W. faces, with 3 notches on E. and 5 notches
on W. faces, dug pits 18 x 18 x 12 ins. H. E. roof post,
5½ ft. dist. and raised a mound of earth 2 ft. high, 4½
ft. base around post.

from which

A Pine 14 ins. diam. bears H. 1 ¼° E. 60 lks. dist.
marked T. 25th, R. 25^E, S., 84 B. T.

A Pine 14 ins. diam. bears H. 74 ¼° W. 58 lks. dist.
marked T. 25th, R. 25^E, S., 33 B. T.
~~No other trees in vicinity~~
Land rolling.

Soil 3rd rate.

Timber of Pine and Juniper.
Vegetation, bunch grass.

~~6~~ Standard Parallel along
S. B. T. 25 N. R. 25 E. G. & S. R. M.

BOOK 1249

Chains,

East. on a true line on S. B. of Section 34,

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

Ascend.

14.50 Top of Spur, bears S. 20° W. and descend.

40.00 A Pine 10 ins. diam. S. C. which I marked $\frac{1}{2}$ S. on $\frac{1}{2}$ face, for $\frac{1}{2}$ sec. cor., dug pits, 18 x 18 x 12 ins.

E. and W. of tree, $5\frac{1}{2}$ ft. dist. and raised a mound of earth around tree.

from which

A Pine 8 ins. diam. bears N. 20° E. 31 lks. dist.

S. C. marked $\frac{1}{2}$ S. B. T.

60.00 Cross low Sag and ascend.

78.00 Top of Spur, bears S. 15° W. and descend.

80.00 Set a post, 4 ft. long, 4 ins. square, ^{with} ~~marked~~ ^{stake} 12 ins. in the ground, for Standard Cor. to Secs. 34 and 35 marked S. C.

T. 25 N. R. 25 E., on N. S. 35 on E. and S. 34 on W. faces, with 2 notches on E. and 4 notches on W. faces, dug pits 18 x 18 x 12 ins. N. E. & W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

from which

A Pine 11 ins. diam. bears S. 8° E. 32 lks. dist.

marked T. 24 N. R. 25 E. S. 2 B. T.

6th Standard Parallel along

S. 10 T. 25 N. R. 25 E. G. & S. R. M.

BOOK 1249

Chains.

A Pine 10 ins. diam. bears N. 50° E., 64 lks. dist.
marked T. 25 N., R. 25 E., S., 35 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate.

Timber of Pine & Juniper
Vegetation, Danegras.

East. on a true line on S. B. of Section 35.

Va. 14° 28' East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam., ^{with marked star} 12 ins. in the ground,
for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ Son N. face,
dug pits, 18 x 18 x 12 ins., E. and W. 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.

from which

A Juniper 12 ins. diam. bears S. 25° W., 17 lks. dist.
S. C. marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

75.90 Cross low Sag and ascend.

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

BOOK 1249

Chains.

80.00 Set a post, 4 ft. long, 4 ins. square, ^{with marks at top} 12 ins. in the ground, for ^{standard} Cor. to Secs. 35 and 36 marked S. C. T. 25 N. R. 25 E., on N. S. 36 on E. and S. 35 on W. faces, with 1 notch on E. and 5 notches on W. faces, dug pits 18 x 18 x 12 ins. N. E. & S. W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil ~~so~~ ^{rate.}

Timber of Pine and Juniper.
Vegetation, bunch grass.

East. on a true line on S. B. of Section 36.

Va. 14° 30' East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. ^{with marks above} 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ Son N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. from which

A Pine 12 ins. diam. bears N. 39° 00' E., 47 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

6th Standard Parallel along

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

BOOK 1249

Chains.

No other trees within limits.

80.00 Set a post $4\frac{1}{2}$ ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Standard Cor. to Tps. 25 N., R's 25 and 26 E. marked S. C.
T: 25 N. on N. R. 26 E. S. 31, on E. and R. ~~25~~ E. S. 36 on W. 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, from which

A Pine 16 ins. diam. bears $N. 81^{\circ} E.$, 90 lks. dist.
marked T. 25 N., R. 26 E., S., 31 B. T.

A Pine 15 ins. diam. bears $N. 40^{\circ} W.$, 117 lks. dist.
marked T. 25 N., R. 25 E., S., 36 B. T.

A Pine 10 ins. diam. bears $S. 30^{\circ} E.$, 50 lks. dist.
marked T. 24 N., R. 26 E., S., 6 B. T.

Land mountainous

Soil ~~soil~~ rate.

Timber of Pine ~~and~~ Juniper.

Vegetation ~~varied~~ ~~varied~~ the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

April 4th 1883.

S. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 31.

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

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam., ^{with marked side} 12 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ Son N. face, dug pits, 18 x 18 x 12 ins., E. and W. 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. from which

A Pine $1\frac{1}{2}$ ins. diam. bears $N. 44^{\circ} 40' W.$, 180 lks. dist.
S. C. marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

80.00 Set a post, 4 ft. long, 4 ins. square, ^{with marked side} 12 ins. in the ground, for ^{Standard} Cor. to Secs. 31 and 32 marked S. O. T. 25 N. R. 26 E., on N. S. 32 on E. and S. 31 on W. faces, with 5 notches on E. and 1 notch on W. faces, dug pits 18 x 18 x 12 ins. N. E. W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post. from which

A Juniper 10 ins. diam. bears $N. 80^{\circ} E.$, 10 lks. dist. marked T. 25 N. R. 26 E. S. 32 B. T.

A Juniper 15 ins. diam. bears $N. 28^{\circ} W.$, 50 lks. dist. marked T. 25 N. R. 26 E. S. 31 B. T.

Standard Parallel along

S. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

No other trees within limits.

Land rolling.

Soil ~~soil~~ rate.

Timber of Pine and Juniper.

Vegetation, bunched grass.

East. on a true line on S. B. of Section 32.

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

Ascend.

11.00 Top of Spur, bears $N. 10^{\circ} W.$ and descend.

37.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam. ^{with mound about} 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits, 18 x 18 x 12 ins., E. and W. 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. ^{from which}

A Pine 5 ins. diam. bears $N. 44^{\circ} W.$, 200 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

60.00 Top of Spur, bears $W. 20^{\circ} S.$ and descend.

81.00 Set a post, 4 ft. long, 4 ins. square, ^{with mound about} 12 ins. in the ground, for Cor. to Secs. 32 and 33 marked S. C.

S. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

marka

T. 25 N. R. 26 E., on N. S. 33 on E. and S. 32 on W. faces, with 4 notches on E. and 2 notches on W. faces, dug pits 18 x 18 x 12 ins. N. E. SW. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

from which

A Pine 12 ins. diam. bears $\checkmark 30^{\circ} W.$, 120 lks. dist.
marked T. 24 N. R. 26 E. S., 5 B. T.

A Pine 10 ins. diam. bears $\checkmark 44^{\circ} E.$, 200 lks. dist.
marked T. 25 N. R. 26 E. S., 33 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate

Timber of Pine and Juniper

Vegetation, bunchgrass.

S. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on v. B. of Section 33.

Va. $140^{\circ} 30'$ East.

Descend.

8.00 Cross low Sag and ascend.

21.00 Top of Ridge, bears $71^{\circ} \text{ and } 0^{\circ}$ and descend.

40.00 Set a post 3 ft. long, 3 ins. diam. ^{with rounded stone} 12 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ Son N. face, dug pits, 18 x 18 x 12 ins., E. and W. 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. from which

A Pine $1\frac{1}{2}$ ins. diam. bears $70^{\circ} W.$ 48 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

A Pine 10 ins. diam. bears $70^{\circ} E.$ 56 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

80.00 Set a post, 4 ft. long, 4 ins. square, ^{with rounded stone} 12 ins. in the Standard ground, for Cor. to Secs. 33 and 34 marked S. C.

T. 25 N. R. 26 E., on N. S. 34 on E. and S. 33 on W. faces, with 3 notches on E. and 3 notches on W. faces, dug pits 18 x 18 x 12 ins. H. E. S. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post. from which

A Juniper 16 ins. diam. bears $70^{\circ} W.$ 45 lks. dist.

S. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

marked T. 25th, R. 26 E., S., 33 B. T.

A Juniper 8 ins. diam. bears N. 50° E., 70 lks. dist.

marked T. 25th, R. 26 E., S., 34 B. T.

No other trees within limits.

Land mountainous

Soil 3rd rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

East. on a true line on S. B. of Section 34.

Va. 140 30' East.

Descend.

30.00 Cross low Sag and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam., ^{written number 21} 12 ins. in the ground,
for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ Son N. face,
dug pits, 18 x 18 x 12 ins., E. and W. 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. ^{from which}

A Juniper 20 ins. diam. bears S. S. 2 $\frac{1}{2}$ ° E., 38 lks. dist.S. C.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

S. B. T. 25 N. R. 26 E. G. & S. R. M.

Chains, BOOK 1249

\$0.00 Set a post, 4 ft. long, 4 ins. square, ^{with milled stone} 12 ins. in the ground, for Standard Cor. to Secs. 34 and 35 marked S. O. T. 25 N. R. 26 E., on N. S. 35 on E. and S. 34 on W. faces, with 2 notch ~~es~~ on E. and 4 notches on W. faces, dug pits 18 x 18 x 12 ins. N. E. & W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil ~~soil~~ rate.

Timber of Pine ^{and} Juniper.
Vegetation, bunchgrass.

East. on a true line on S. B. of Section 35.

Va., $4^{\circ} 30'$ East.

Ascend.

7.00 Top of Spur, bears N. ^{and} S. and descend.

18.00 Cross Wash, 25 lks. wide, Course S. down and ascend.

28.00 Top of Spur, bears N. ^{and} S. and descend.

40.00 Set a post 3 ft. long, 3 ins. diam., ^{with milled stone} 12 ins. in the ground, for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{2}$ Son N. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.

Standard Parallel along
S. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

from which

A Pine 12 ins. diam. bears $21.30^{\circ}W$, 26 lks. dist.
marked ^{S. O.} $\frac{1}{2}$ S. B. T.

A Pine 8 ins. diam. bears $31.15^{\circ}E$, 10 lks. dist.
marked ^{S. O.} $\frac{1}{2}$ S. B. T.

Set a post, 4 ft. long, 4 ins. square, ^{with marked side} 12 ins. in the
ground, for Standard Cor. to Secs. 35 and 36, marked S. O.

T. 25^N, R. 26^E, on N. S. 36 on E. and S. 35 on
W. faces, with 1 notch on E. and 5 notches
on W. faces, dug pits 18 x 18 x 12 ins. N. E. & W. of post,
5½ ft. dist. and raised a mound of earth 2 ft. high, 4½
ft. base around post.

from which

A Pine 10 ins. diam. bears $21.78^{\circ}E$, 37 lks. dist.
marked T. 25^N, R. 26^E, S., 36 B. T.

A Pine 8 ins. diam. bears $31.28^{\circ}E$, 27 lks. dist.
marked T. 24^N, R. 26^E, S., 1 B. T.

No other trees within limits.

Land mountainous

Soil soil rate.

Timber of Pine and Juniper,
Vegetation, bunchgrass.

6 Standard Parallel along

C. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 36.

Va. / $4^{\circ} 30'$ East.

Descend.

34.00 Enter Valley, bears, S. 60° E.

40.00 Set a sand stone 20 x 10 x 6 ins., 15
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E. and W.
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.

54.00 Leave Valley, bears S. 20° E. and ascend.

80.00 Set a post $4\frac{1}{2}$ ft. long, 4 ins. square, with marked
stone 12 ins. in the ground, for Standard Cor. to
Tps. 25 N., R's 26 and 27 E. marked S. C.

T: 25 N. on N. R. 27 E. S. 31, on
E. and R. 26 E.S. 36 on W. 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, from which

A Pine 18 ins. diam. bears N. $2\frac{1}{4}$ W., 25 lbs. dist.
marked T. 25 N. R. 26 E. S. 36 B. T.

S. B. T. 25 N. R. 26 E. G. & S. R. M.

BOOK 1249

Chains.

A Pine 16 ins. diam. bears S. $\delta 2 \frac{1}{2}^{\circ}$ E., 226 lks. dist.
marked T. 241, R. 27 E., S., 6 B. T.

No other trees within limits.

Land hilly and rolling.

Soil poor rate.

Timber of Pine and Juniper,
Vegetation, bunchgrass.

Standard Parallel along

S. R. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 31.

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

Ascend.

32.00 Top of Spur, bears S. $25^{\circ}W.$ and descend.

40.00 Set a sand stone $20 \times 18 \times 3$ ins., $\frac{1}{5}$ ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable. from which

A Pine 12 ins. diam. bears N. $84^{\circ}W.$ 33 lks. dist.
S. C.

marked $\frac{1}{2}$ S. B. T.

A Pine 8 ins. diam. bears S. $40^{\circ}E.$ 60 lks. dist.
S. C.
marked $\frac{1}{2}$ S. B. T.

41.00 Cross low Sag and ascend.

62.00 Top of Spur, bears S. $10^{\circ}W.$ and descend.

79.00 Cross low Sag and ascend.

80.00 Set a post, 4 ft. long, 4 ins. square, ^{with irregular top} 12 ins. in the ground, for Standard Cor. to Secs. 31 and 32 marked S. C.

T. 25 N. R. 27 E., on N. S. S. 22 on E. and S. 31 on W. faces, with 5 notches on E. and 1 notch on W. faces, dug pits $18 \times 18 \times 12$ ins. N. E. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post. from which

S. B. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

Chains,

A Juniper 16 ins. diam. bears $S. 5^{\circ} W.$ 8 lks. dist.

marked T. 244, R. 27E, S., 6 B. T.

A Juniper 17 ins. diam. bears $N. 60^{\circ} E.$ 16 lks. dist.

marked T. 254, R. 27E, S., 32 B. T.

No other trees within limits.

Land mountainous

Soil ~~soil~~ rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

East. on a true line on S. B. of Section 32.

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

Ascend.

40.00 Set a sand stone 16 x 11 x 4 ins., 11
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E, and W.
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. from which

A Pine 11 ins. diam. bears $S. 44^{\circ} 20' W.$ 6 4 lks. dist.marked $\frac{1}{2}$ S. B. T.A Pine 8 ins. diam. bears $N. 83^{\circ} 12' E.$ 11 lks. dist.marked $\frac{1}{2}$ S. B. T.

8 6th Standard Parallel along

S. 13. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

ins.

No. 100

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the
ground, for ^{with marked stone} Standard Cor. to Secs. 32 and 33 marked S. O.

T. 25 N. R. 27 E., on N. S. 33 on E. and S. 32 on

W. faces, with 4 notches on E. and 2 notches
on W. faces, dug pits 18 x 18 x 12 ins. ^{at} E. end of post,
5½ ft. dist. and raised a mound of earth 2 ft. high, 4½
ft. base around post.

from which

A Pine 12 ins. diam. bears S. 35° W. 75 lks. dist.

marked T. 24 N. R. 27 E., S., 5 B. T.

A Pine 6 ins. diam. bears N. 41° E. 92 lks. dist.

marked T. 25 N. R. 27 E., S., 33 B. T.

No other trees within limits.

Land mountainous

Soil ~~2~~ ^{ad} rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

S. B. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

ains.

East. on a true line on S. B. of Section 33.

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

Ascend.

10.00 Top of Ridge, bears $S. 15^{\circ} W.$ and descend.40.00 Set a post 3 ft. long, 3 ins. diam. 24 ins. in the ground,
for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face;
from whichA Pine 12 ins. diam. bears $S. 45^{\circ} W.$ 17 lks. dist.
marked $S. C.$ $\frac{1}{4}$ S. B. T.A Pine 6 ins. diam. bears $N. 60^{\circ} E.$ 60 lks. dist.
marked $S. C.$ $\frac{1}{4}$ S. B. T.59.00 Cross Canon, 175 lks. wide, Course $S. 45^{\circ} W.$ and ascend.80.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the
ground, for Standard Cor. to Secs. 33 and 34 marked S. C.T. 25 N. R. 27 E., on N. S. 34 on E. and S. 33 on
W. faces, with 3 notches on E. and 3 notches
on W. faces, dug pits 18 x 18 x 12 ins. N. E. W. of post,
5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, 4 $\frac{1}{2}$
ft. base around post. from whichA Pine 13 ins. diam. bears $S. 70^{\circ} E.$ 84 lks. dist.
marked T. 25 N. R. 27 E. S. 3 B. T.

40 Standard Parallel along

S. B. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

Chains.

A Pine 10 ins. diam. bears $N. 82^{\circ} W.$ 74 lks. dist.
marked T. 25 $\frac{1}{4}$, R. 27 E. S., 33 B. T.

No other trees within limits.

Land mountainous

Soil \mathcal{S}^m rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

East. on a true line on S. B. of Section 24.

Va. $14^{\circ} 00'$ East.

Ascend.

40.00 Set a post 3 ft. long, 3 ins. diam, 12 ins. in the ground,
for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. on N. face,
dug pits, 18 x 18 x 12 ins., E. and W 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. from which

A Pine 12 ins. diam. bears $S. 20^{\circ} W.$ 77 lks. dist.
S. C.
marked $\frac{1}{4}$ S. B. T.

A Pine 8 ins. diam. bears $N. 68^{\circ} E.$ 84 lks. dist.
marked $\frac{1}{4}$ S. B. T.

50.00 Set a post, 4 ft. long, 4 ins. square, 12 ins. in the
ground, for Standard Cor. to Secs. 24 and 35 marked S. C. with marked stone

~~6th~~ Standard Parallel along 41
S. B. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

Chains.

T. 25 N. R. 27 E., on N. S. 35° on E. and S. 34° on W. faces, with 2 notches on E. and 4 notches on W. faces, dug pits 18 x 18 x 12 ins. N.E. of post, $\frac{5}{4}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base around post.

from which

A Pine 15 ins. diam. bears N. 76° W., 151 lbs. dist.
marked T. 25 N. R. 27 E. S., 34 B. T.

A Pine 9 ins. diam. bears S. 27° E., 200 lbs. dist.
marked T. 24 N. R. 27 E. S., 2 B. T.

No other trees within limits.

Land mountainous

Soil ~~soil~~ rate.

Timber of Pine and Juniper.

Vegetation, bunchgrass.

42 Standard Parallel along

S. B. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 35.

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

Ascend.

40.00

A Pine 12 ins. diam.

S. C.

which I marked $\frac{1}{4}$ S.

Standard

on W. face, for $\frac{1}{4}$ sec. cor., dug pits, 18 x 18 x 12 ins.

E. and W. of tree, 5 $\frac{1}{2}$ ft. dist. and raised a mound
of earth around tree.

from which

A Pine 15 ins. diam. bears $N. 40^{\circ}W$,

42 lks. dist.

S. C.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

.. 80.00

Set a sand stone 20 x 8 x 4 ins. 15 ins. in

the ground for Standard Cor. to Secs. 35 and 36,

marked S. C., with 1 notch on E. and 5 notches on

W. edges and raised a mound of stone. alongside.

This impracticable.

from which

A Pine 14 ins. diam. bears $N. 39^{\circ}W$,

41 lks. dist.

marked T. 25 N., R. 27 E., S., 35 B. T.

A Juniper 16 ins. diam. bears $N. 72^{\circ}E$,

38 lks. dist.

marked T. 25 N., R. 27 E., S., 36 B. T.

No other trees within limits.

Land mountainous

Soil poor rate.

Timber of Pine ~~and~~ a juniper.

Vegetation, bunch grass.

S. B. T. 25 N. R. 27 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 36.

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

Ascend.

- 32.00 Top of Ridge, bears $S.30^{\circ}W$ and descend.
- 40.00 Set a sand stone $20 \times 9 \times 4$ ins., 10 ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins., E. and W. 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. 9 lks. dist.
- A Pine 10 ins. diam. bears $N.20^{\circ}E$, marked $S. O.$ $\frac{1}{4}$ S. B. T.
- A Pine 13 ins. diam. bears $N.80^{\circ}W$, 122 lks. dist. marked $S. O.$ $\frac{1}{4}$ S. B. T.
- 25.00 Cross Wash, 60 lks. wide, Course $S.38^{\circ}W$ and ascend.
- 80.00 Set a sandstone $20 \times 14 \times 12$ ins. 10 ins. in the ground for Standard Cor. to Tps. 25 N., R's 27 and 28 E., marked S. C., with 6 notches on N., E. and edges, dug pits $24 \times 18 \times 12$ ins. crosswise on each line, N., E. - W. of stone 6 ft. dist. and raised a mound of earth, $2\frac{1}{2}$ ft. high, 5 ft. base. alongside. from which
- A Pine 15 ins. diam. bears $N.15^{\circ}W$, 10 lks. dist. marked T. 25 N., R. 27 E., S., 36 B. T.

44 6th Standard Parallel along

S. B. T. 25-N. R. 27 E. G. & S. R. M.

BOOK 1249

Chains,

A Pine 12 ins. diam. bears N. 70° E., 80 lks. dist.

marked T. 25 N., R. 28 E., S., 31 B. T.

A Pine 18 ins. diam. bears S. 22° E., 60 lks. dist.

marked T. 24 N., R. 28 E., S., 6 B. T.

Land mountainous

Soil 3rd rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

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

April 5th 1883

S. B. T. 25 N. R. 28 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 31,

Va. 14° 30' East.

Ascend.

40.00 Set a ~~stone~~ stone 14 x 10 x 8 ins., 9
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E. and W.
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. from which

A Pine 12 ins. diam. bears $N.$, 22 lks. dist.
marked $S. C.$ $\frac{1}{4}$ S. B. T.

A Pine 13 ins. diam. bears $S. 68^{\circ} E.$, 22 lks. dist.
 $S. C.$
marked $\frac{1}{4}$ S. B. T.

58.00 Top of Spur, bears $S. 30^{\circ} W.$ and descend.

77.00 Cross Wash, 30 lks. wide, Course $S. 20^{\circ} W.$ and ascend

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins in the
ground for Standard Cor. to Secs. 31 and 32 marked
S. C. T. 25 N. R. 28 E. on N. S. 32 on E. and S.
31 on W. faces, with 5 notches on E. and 1
notch on W. faces; from which

A Pine 11 ins. diam. bears $N. 20^{\circ} W.$, 20 lks. dist.
marked T. 25 N. R. 28 E., S., 31 B. T.

A Pine 8 ins. diam. bears $N. 60^{\circ} E.$, 74 lks. dist.

46 Standard Parallel along

S. B. T. 25 N. R. 28 E. G. & S. R. M.

BOOK 1249

Chains.

marked T. 25th, R. 28th E., S., 3rd B. T.

A Pine 6 ins. diam. bears S. 8° E.

6 lks. dist.

marked T. 24th, R. 28th E., S., 5th B. T.

Land mountainous

Soil so rate,

Heavy timber of Pine & Juniper

Undergrowth of, same.

East. on a true line on S. B. of Section 32.

Va. 14° 30' East.

Ascend.

15.00 Top of Spur, bears S. 10° W. and descend.

38.00 Cross low Sag and ascend.

40.00 Set a Sand stone 20 x 14 x 10 ins., 15 ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, and raised a mound of stone alongside. Pits impracticable. from which

A Pine 12 ins. diam. bears N. 42° W., 16 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

A Pine 10 ins. diam. bears S. 28° E., 11 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

80.00 Set a Sand stone 60 x 12 x 10 ins. 45 ins. in the ground for Standard Cor. to Secs. 32 and 33.

47

6th Standard Parallel along
S. B. T. 25 N. R. 28 E. G. & S. R. M.

BOOK 1249

ns.

marked S. C., with 4 notches on E. and 2 notches on W. edges and raised a mound of stone. alongside.

Pits impracticable.

from which

A Yellow Pine 15 ins. diam. bears N. 34° E., 30 lks. dist.

marked T. 25 N., R. 28 E., S., 33 B. T.

A Pine 8 ins. diam. bears N. 70° W., 84 lks. dist.

marked T. 25 N., R. 28 E., S., 32 B. T.

No other trees within limits.

Land mountainous

Soil ~~so~~ rate,

Heavy timber of Pine ~~and~~ Juniper,

Undergrowth of same.

48 6^{oo} Standard Parallel along

S. B. T. 25 N. R. 28 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 38.

Va. 14° 30' East.

Ascend.

40.00 Set a Sand stone 30 x 24 x 8 ins., 22
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., S. and W.
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.

from which

A Pine 30 ins. diam. bears S. 32° E., 63 lks. dist.
S. C.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

80.00 Set a Sand stone 15 x 15 x 6 ins. 10 ins. in
the ground for Standard Cor. to Secs. 33 and 34
marked S. C., with 3 notches on E. and 3 notches on
W. edges, dug pits 18 x 18 x 12 ins. N., E. and
W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside.

from which

A Pine 12 ins. diam. bears N. 21° 12' E., 50 lks. dist.
marked T 25 N., R. 28 E., S., 34 B. T.

A Pine 10 ins. diam. bears S. 24° 12' E., 19 lks. dist.

S. B. T. 25 N. R. 28 E. G. & S. R. M.

BOOK 1249

Chains.

marked T. 24th, R. 28th, S., 3 B. T.

No other trees within limits.

Land rolling.

Soil 3rd rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

East. on a true line on S. B. of Section 34.

Va. 14° 30' East.

Ascend.

40.00 Set a ~~Sand~~ stone 20 x 12 x 5 ins., 15
ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S.
 $\frac{C}{4}$ on N. face, and raised a mound of stone alongside.
Pits impracticable. from which

A Yellow Pine 24 ins. diam. bears N. 27 $\frac{1}{2}$ W, 112 lbs. dist.
marked $\frac{S.C.}{4}$ S. B. T.

A Pine 8 ins. diam. bears E. 30° E, 77 lbs. dist.
marked $\frac{S.C.}{4}$ S. B. T.

80.00 Set a ~~Sand~~ stone 16 x 8 x 8 ins. 11 ins. in
the ground for Standard Cor. to Secs. 34 and 35,
marked S. C., with 2 notches on E. and 4 notches on
W. edges and raised a mound of stone. alongside.
Pits impracticable. from which

52 6 Standard Parallel along

S. B. T. 25 N. R. 28 E. G. & S. R. M.

BOOK 1249

Chains,

A Pine 12 ins. diam. bears N. 59° 14' E., 69 lks. dist.

marked T. 25 $\frac{1}{4}$, R. 27E, S., 31 B. T.

A Pine 8 ins. diam. bears N. 64° W., 136 lks. dist.

marked T. 25 $\frac{1}{4}$, R. 28E, S., 36 B. T.

No other trees within limits.

Land rolling.

Soil ~~3 on~~ rate,

Heavy timber of Pine and Juniper.

Undergrowth of same.

S. B. T. 25 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 31,

Va. 14° 30' East.

Ascend.

40.00 Set a sand stone 18 x 8 x 4 ins., 12
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E. and W.
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. from which

A Yellow Pine 30 ins. diam. bears N. 50° W., 22 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 28 ins. diam. bears S. 29° E., 53 lks. dist.
marked $\frac{1}{4}$ S. C. S. B. T.

70.00 Top of Ridge, bears N. 29° S. and descend.

80.00 Set a sand stone 22 x 8 x 6 ins., 16 ins. in
the ground for Standard Cor. to Secs. 31 and 32,
marked S. C., with notch on E. and/ notch on
W. edges, dug pits 18 x 18 x 12 ins. N., E. and
W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside. from which

A Pine 14 ins. diam. bears N. 28° W., 125 lks. dist.
marked T. 25 N. R. 29 E., S., 32 B. T.

A Pine 8 ins. diam. bears N. 62° W., 200 lks. dist.

54 6⁰⁰ Standard Parallel along

S. B. T. 25 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains.

marked T. 25th, R. 29th E., S. 31 B. T.

Land rolling.

Soil ~~soil~~ rate.

Timber of Pine ~~and~~ Juniper.

Vegetation, bunch grass.

East. on a true line on S. B. of Section 32.

Va. 14° 30' East.

Descend.

40.00 Set a sand stone 20 x 10 x 5 ins., 22
ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, and raised a mound of stone alongside.
Pits impracticable. from which

A Yellow Pine 26 ins. diam. bears S. 45° E., 144 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

A Yellow Pine 14 ins. diam. bears S. 20° W., 79 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

57.00 Cross Trail, bears S. 45° W., in
cross low Sag and ascend.

80.00 Set a sand stone 20 x 20 x 4 ins. 15 ins. in
the ground for Standard Cor. to Secs. 32 and 33,
marked S. C., with 4 notches on E. and 2 notches on

S. B. T. 20 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains.

W. edges, dug pits 18 x 18 x 12 ins. N., E. and
W. of stone, 5½ ft. dist., and raised mound of
earth 2 ft. high 4½ ft. base. alongside
from which

A Pine 14 ins. diam. bears $N. 11^{\circ} W.$, 81 lks. dist.
marked T. 25 N., R. 29 E., S., 32 B. T.

A Pine 9 ins. diam. bears $N. 55^{\circ} E.$, 120 lks. dist.
marked T. 25 N., R. 29 E., S., 33 B. T.

No other trees within limits.

Land rolling.

Soil ~~so~~ rate,

Heavy timber of Pine ~~and~~ Juniper.

Undergrowth of same

66 Standard Parallel along

S. S. T. 25 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 33.

Va. 14° 20' East.

Ascend.

- 5.00 Top of Spur, bears S. 10° W. and descend.
40.00 Set a sand stone 15 x 13 x 4 ins., 10 ins. in the ground for Standard $\frac{1}{2}$ Sec. Cor., marked S. C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E. and W. 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. from which
A Pine 19 ins. diam. bears S. 3 $\frac{1}{4}$ W., 19 lks. dist.
S. C. marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

- 80.00 Set a sand stone 40 x 14 x 6 ins. 30 ins. in the ground for Standard Cor. to Secs. 33 and 34 marked S. C., with 3 notches on E. and 3 notches on W. edges, dug pits 18 x 18 x 12 ins. N., E. and W. of stone, 5 $\frac{1}{2}$ ft. dist., and raised mound of earth 2 ft. high 4 $\frac{1}{2}$ ft. base. alongside. from which
A Pine 36 ins. diam. bears S. 56° W., 92 lks. dist.
marked T. 244, R. 29 E., S., 4 B. T.
A Yellow Pine 24 ins. diam. bears N. 57° E., 116 lks. dist.
marked T. 254, R. 29 E., S., 34 B. T.

S. B. T. 20 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains.

No other trees within limits.

Land rolling.

Soil 3rd rate,Heavy timber of Pine and Juniper.
Undergrowth of same.

East. on a true line on S. B. of Section 34,

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

Descend.

40.00 Set a sand stone $1\frac{1}{2}$ x 11 x 4 ins., 10
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E. and W.
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. from whichA Yellow Pine 11 ins. diam. bears $9.60^{\circ} W$, 140 lks. dist.
marked ^{S. C.} $\frac{1}{4}$ S. B. T.A Pine 8 ins. diam. bears $9.45^{\circ} W$, 41 lks. dist.
marked ^{S. C.} $\frac{1}{4}$ S. B. T.80.00 Set a sand stone $30 \times 12 \times 6$ ins. 22 ins. in
the ground for Standard Cor. to Secs. 34 and 35
marked S. C., with 2 notches on E. and 4 notches on
W. edges and raised a mound of stone. alongside.
Pits impracticable. from which

6th Standard Parallel along

S. B. T. 25 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains,

A Yellow Pine 24 ins. diam. bears S. 42° E., 180 lks. dist.
marked T. 24 N. R. 29 E., S., 2 B. T.

A Yellow Pine 18 ins. diam. bears N. 44° W., 200 lks. dist.
marked T. 25 N. R. 29 E., S., 34 B. T.

No other trees within limits.

Land rolling.

Soil ~~3~~ ^{rate}

Timber of Pine ~~and~~ Juniper.

Undergrowth of same.

S. B. T. 25 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains.

East. on a true line on S. B. of Section 35.

Va. $14^{\circ} 30'$ East.A Spring, bears $71^{\circ} W.$, about 25.00 ells. dist.

Descend.

10.00 Cross Canon, 500 lks. wide, Course $S. 30^{\circ} E.$ and ascend.24.00 Top of Spur, bears $S. 15^{\circ} W.$ and descend.40.00 Set a sand stone $16 \times 12 \times 5$ ins., 11
ins. in the ground, for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, and raised a mound of stone alongside.
Pits impracticable. from whichA Yellow Pine 16 ins. diam. bears $N. 9^{\circ} E.$, 55 lks. dist.
marked $S. C.$ $\frac{1}{4}$ S. B. T.A Pine 8 ins. diam. bears $S. 20^{\circ} W.$, 120 lks. dist.
marked $S. C.$ $\frac{1}{4}$ S. B. T.41.00 Cross Canon, 300 lks. wide, Course $S. 30^{\circ} W.$ and ascend.80.00 Set a sand stone $30 \times 12 \times 10$ ins. 22 ins. in
the ground for Standard Cor. to Secs. 35 and 36,
marked S. C., with 1 notch on E. and 5 notches on
W. edges, dug pits $18 \times 18 \times 12$ ins. N., E. and
W. of stone, $5\frac{1}{2}$ ft. dist., and raised mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside. from whichA Pine 18 ins. diam. bears $S. 8^{\circ} W.$, 214 lks. dist.

6th Standard Parallel along

S. B. T. 25 N. R. 29 E. G. & S. R. M.

Chains.

BOOK 1249

marked T. 244, R. 29E, S., 2 B. T.

A Pine 9 ins. diam. bears N. 35° 14' E., 220 lks. dist.

marked T. 254, R. 29E, S., 36 B. T.

No other trees within limits.

Land Mountainous

Soil ~~poor~~ rate,

Timber of Pine and Juniper

Undergrowth of sage.

East. on a true line on S. B. of Section 36,

Va. 14° 30' East.

Ascend.

40.00 Set a ~~sand~~ stone 24 x 12 x 4 ins., 18
ins. in the ground for Standard $\frac{1}{4}$ Sec. Cor., marked S.
C. $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins., E and W,
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, at one side.

from which

A Juniper 14 ins. diam. bears N. 22° W., 129 lks. dist.
S. C.
marked $\frac{1}{4}$ S. B. T.

A Pine 10 ins. diam. bears S. 50° E., 200 lks. dist.
S. C.
marked $\frac{1}{4}$ S. B. T.

S. B. T. 25 N. R. 29 E. G. & S. R. M.

BOOK 1249

Chains.

80.00 Set a sandstone 30 x 14 x 4 ins. 22 ins. in the ground for Standard Cor. to Tps. 25N., R's 29 and 30E., marked S. C., with 6 notches on N, E. & W. edges, dug pits 24 x 18 x 12 ins. crosswise on each line, N, E. & W. of stone 6 ft. dist. and raised a mound of earth, 2½ ft. high, 5 ft. base. alongside. from which

A Pine 12 ins. diam. bears N. 81 1/4° W., 54 lks. dist.
marked T. 25N., R. 29E., S., 06 B. T.

A Pine 14 ins. diam. bears S. 7° W., 116 lks. dist.
marked T. 24N., R. 29E., S., 1 B. T.

A Juniper 24 ins. diam. bears N. 8 1/2° E., 87 lks. dist.
marked T. 25N., R. 30E., S., 31 B. T.

Land rolling.

Soil 3 ~~so~~ rate,

Heavy timber of Pine ~~and~~ Juniper.

Undergrowth of same.

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

April 6th 1883.

For Final Dates see
Book No. 18.

U. S. Surveyor General's Office,
Tucson, Arizona.

Nov. 6, 1883,

The foregoing Field Notes of the Survey of the
6th Standard Parallel
along S. boundaries of
Townships 25 North
Ranges 22, 23, 24, 25, 26, 27, 28 and
29 East

of the Gila and Salt River Base and Meridian, Arizona, executed
by Frank Holloman

Deputy Surveyor, under his contract of the 31st
day of July, 1887, 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.W. Robbins
Surveyor General.