

W171

13

FIELD BOOK

1308

CITY OF
SAN DIEGO - CALIFORNIA
1710 FOOT BARRETT CONTOUR
TRAVERSE, LAND-LINE TIES

Whitney E. ...

FILE NO.....

Recd. MAY 3 1960

ANS.....

Referred To

MICROFILMED

JAN 8 1965

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(Copied)

Traverse 1710 Barrett Res^r Contour

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Co	Sta	Dist	Defl.	Az	MagCo
π @ 446	709+030				
BS on 445					
to 447	710+971	194.1	✓	287-36	N72-05W
to 448	712+840	186.9	×	300-00	N60-00W
to 449	714+752	191.2	+×	326-06½	N34-20W
to 450	718+429	367.7	×	339-31	N20-30W
to 451	720+397	196.8	-×	339-17½	N20-30W
to 452	722+165	176.8	+×	241-54½	S62-30W
to 453	724+023	185.8	✓	201-34	S21-40W
to 454	729+972	594.9	✓	219-17	S39-40W
	2094.2 ✓				

Reverse Az

6hrs					
1-25-23	5:00 AM				
	PM, Rainy				
RC. Wueste	} Transit				
R. Horan					
Ed. Ketchum	} chdms				
O.G. Palmer					
107-36				N72-24W	
				N60-00W	
146-06½				N33-53W	
				N20-29W	
159-17½				N20-43W	
Head of gulch with water					
				S61-55W	
21-34				S21-34W	
to on rock				S39-17W	

Co.	Sta	Dist.	Defl.	Az.	Mog. Co.	Reverse Az
to 454	729+97.2					
B.S. on 453						
to 455	732+95.8	298.6	-	242-53	563-10W	62-53
						562-53W
to 456	736+43.5	347.7	✓	270-30	N89-15W	
						N89-30W
to 457	738+30.4	186.9	-	286-46½	N73-30W	106-46½
						N73-14W
to 458	739+57.0	126.6	×	293-02	N67-00W	
						N66-58W
to 459	741+94.9	237.9	×	310-04	N50-00W	130-04
						N49-56W
to 460	744+72.3	277.4	+	274+57½	N85-00W	
						N85-02W
to 461	746+48.9	176.6	-	228+33½	548-45W	48-33½
						548-33W
to 462	747+77.8	128.9	×	243-50	564-00W	
						563-50W

1780.6 ✓

1-26-23 Cloudy
 R.C. Wueste } Transit 3 hrs
 P. Horan }
 Ed Ketchum } chain 4 hrs
 O.C. Palmer }

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az
X @ 462	747+77.8					
B.S. on 461						
to 463	749+849	207.1	+ ✓	257-38½	377-45W	77-38½ S77-39W
to 464 ✓	751+983	2134	✓	283-18	N76-45W	N76-45W + on rock
to 465	753+785	1802	✓	296-55	N63-00W	116-55 N63-08W + on rock
to \triangle				284-31	N75-30W	
to 466	754+943	1158	- ✓	308-41½	N51-30W	N51-22W 1-27-23 (fine) R.C. Wugste } Transit P. Moran }
to 467	755+477	534	+ ✓	337-20½	N23-00W	157-20½ N22-42W Ed Ketchum } chain O.G. Palmer }
to 468	756+696	1219	✓	356-10	N4-10W	N3-53W
to 469	758+643	1947	✓	8-32	N8-15E	188-32 N8-29E
to 470	764+469 4669.1 ✓	582.6	- ✓	278-03½	N81-50W	N81-01W

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
X @ 470	764+469					
BS. 07 469						
to 471		235.4	+ ✓	293-55½	N66-15 W	113-55½
	766+823					N66-08 W
to 472		247.8	✓	302-10	N58-00 W	
	769+301					N57-54 W
to 473		297.0	✓	324-59	N35-15 W	144-59
	772+271					N35-05 W
						+ on rock
to 474		42.3	✓	355-39	N4-45 W	
	772+694					N4-25 W
to Δ						
to 475		170.6	✓	275-45 5-59	N84-30 W N5-40 E	95-45 185-59
	774+400					N5-55 E
						+ on rock
to 476	5	85.8	✓	15-24	N15-10 E	
	775+258					N15-19 E
to 477		310.4	- ✓	34-23½	N34-00 E	214-23½
	778+362					N34-18 E
to 478		526.7	✓	325-14	N34-45 W	
	783+629	1916.0				N34-51 W

Co.	Sta.	Dist.	Defl.	Az	Mag. Co.	Reverse Az
π@ 478	783+629					
BS on 477						
to 479	784+699	107.0	✓	274-20	N85-45W	94-20 N85-45W + on rock
to 480	785+755	105.6	+✓	329-28½	N30-45W	N30-36W + on rock
to 481	789+143	3388	✓	351-56	N8-15W	171-56 N8-09W + on rock - head of gulch with water
to 482	791+356	221.3	-✓	237-24½	S57-20W	S57-18W
to 483	791+820	464	✓	284-19	N75-45W	104-19 + on rock N75-47W
to 484	792+709	889	+✓	352-59½	N7-30W	N7-06W + on rock
to 485	794+602	1893	-✓	286-08½	N74-00W	106-08½ + on rock N73-58W
to 486	795+519	917	+✓	322-19½	N38-00W	N37-46W
	1189.0 ✓					

Co.	Sta.	Dist	Defl.	Az.	Mag. Co.	Reverse Az.
N@ 494	813+11.8					
BS. 0.7493						
to 495	814+838	172.0	✓	260-18	S80-15W	80-18 S80-10W
to 496	816+612	177.4	✓	181-11	S1-00W	S1-03W
to 497	818+009	139.7	- /	255-18½	S75-00W	75-18½ S75-10W
to 498	820+99.6	298.7	+ /	218-20½	S38-15W	S38-13W
to 499	821+96.6	97.0	✓	238-38	S58-30W	58-38 S58-30W
to 500	823+71.2	174.6	✓	270-35	N89-30W	N89-34W
to 501	825+25.0	154.4	✓	286-00	N74-00W	106-00 + on rock N74-09W
to 502	828+91.2	365.6	- /	161-02½	S19-00E	S19-07E
	1579.4 ✓					

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
T@ 502	828+912					
BS on 501						51-06E
to 503		132.3	✓	179-03	51-00E	359-03 This co crosses old road
	830+235					
to 504		99.1	✓	193-47	514-00W	513-38W
	831+226					+ on rock
to 505		276.9	✓	220-00	540-15W	40-00 539-51W
	833+995					+ on rock
to 506		295.5	+ ✓	266-15½	586-30W	586-07W
	836+950					
to 507	✓ ₁₀	470.0	✓	250-38½	571-00W	570-29W 70-38½ This co. crosses divide bet. Cottonwood Cr. and Pine Creek
	841+650					
to Δ				238-01½	558-05W	Az. Check Co. see page 58, Bk.
to 508		181.0	- ✓	285-17½	N74-30W	N74-53W
	843+460					
to 509		283.5	✓	289-52	N70-00W	109-52 N70-18W
	846+295					+ on rock.
to 510		378.9	✓	307-26	N57-30W	N57-44W
	850+084					
	2117.2 ✓					

Co.	Sta	Dist	Defl.	Az	Mag Co	Reverse Az.
π @ 510	850+084					
B.S. on 509				302-14		= New start on Az (see pg 58 bk)
to 511		160.8	✓	308-26	N51-35W	128-26 N51-34W
	851+692					
to 512		289.0	✓	325-27	N34-56W	N34-33W
	854+582					
to 513		57.4	✓	29-59	N29-40E	209-59 N29-59E
	855+156					
to 514		301.6	✓	55-54	N55-30E	N55-54E
	858+172					+ on rock
to 515		296.3	✓	76-06	N76-00E	256-06 N76-06E
	861+135					
to 516		154.0	✓	98-07	S81-55E	S81-53E
	862+67.5					
to 517		290.0	✓	71-08	N71-05E	251-08 N71-08E
	865+57.5					+ on rock
to 518		166.4	✓	81-46	N81-40E	N81-46E
	867+239					
		1715.5	✓			

(4 hrs)

2-1-23 (cloudy) (rain)

 RC. Wueste } Transit
 Ed. Katchum } and
 P. Horan } chain

2-2-23 (fine)

 RC. Wueste } Transit
 Ed. Katchum } and
 P. Horan } chain

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
T@518	867+239					
BS on 517						
to 519	868+97.7	173.8	✓	291-39	N68-25W	111-39 + on rock N68-21W
to 520	870+359	138.2	✓	307-02	N53-00W	+ on rock N52-58W
to 521	872+21.0	185.1	✓	12-10	N12-00E	192-10 N12-10E
to 522	873+033	82.3	✓	258-37	S78-55W	+ on rock S78-37W
to 523	874+192	115.9	✓	299-24	N60-30W	119-24 + on rock N60-36W
to 524	875+413	122.1	✓	317-15	N42-45W	+ on rock N42-45W
to 525	876+351	93.8	+ ✓	341-27	N18-45W	161-27½ + on rock N18-32W
to 526	876+848	49.7	✓	351-14	N9-15W	+ on rock N8-46W

960.9 ✓

Co. Sta. Dist. Decl. Az. Mag. *Mag. 60*

to 526 876+848

BS on 525

to 527 ✓ 3552 - ✓ 24-18½ N23-55E
880+400

to 528 219.4 ✓ 341-39 N18-20W
882+594

to 529 135.2 ✓ 342-04 N18-00W
883+946

to 530 80.8 ✓ 2-55 N2-45E
884+75.4

to 531 84.3 ✓ 14-33 N14-15E
885+59.7

to 532 213.5 ✓ 23-30 N23-30E
887+73.2

to 533 161.9 + ✓ 318-45½ N41-20W
889+35.1

to 534 126.4 ✓ 350-18 N10-00W
890+61.5
1376.7 ✓

Reverse Az.

204-18½ N24-18E ✓

N18-22W
+ on rock

162-04 N17-57W
Copper tack in disintegrated rock

N2-54E
+ on rock

194-33 N14-32E
+ on rock

N23-29E
+ on rock under small white oak

2-3-23 (fine)
138-45½ N41-15W
+ on rock
RC Wueste } Transit
Ed Ketchum } and
P. Horan } chain

N9-43W

Co.	Sta.	Dist.	Defl.	Az.	Magn.
T@534	890+61.5				
BS on 533					
to \triangle				196-30 $\frac{1}{2}$	S16-30W
to 535		194.8		✓ 22-22	N22-15E
	892+56.3				
to 536		65.0		✓ 34-41	N34-40E
	893+21.3				
to 537		172.4		✓ 66-00	N66-00E
	894+19.7				
to 538		260.3		✓ 30-02	N30-00E
	897+54.0				
to 539		161.1		✓ 31-34	N31-25E
	899+15.1				
to 540		185.1		- ✓ 55-58 $\frac{1}{2}$	N55-50E
	901+00.2				
to 541		199.6		✓ 72-42	N73-00E
	902+99.8				
to 542		362.0		+ ✓ 74-04 $\frac{1}{2}$	N74-00E
	906+61.8				
	1600.3 ✓				

Reverse Az.

+ on rock

for Az check see page 58 BK

16-30 $\frac{1}{2}$
202-22

N22-21E

+ on rock

N34-40E

246-00

N65-59E

N30-01E

+ on rock

211-34

N31-33E

+ on rock

N55-57E

352-42

N72-41E

+ on rock

N74-04E

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
to 542	906+61.8				
BS on 541					
to 543	907+53.8	920	✓	77-28	N77-30E
to 544	909+76.7	222.9	- ✓	130-18½	S49-25E
to 545	910+48.3	71.6	+ ✓	16-44½	N16-50E
to 546	912+31.2	182.9	✓	33-37	N33-40E
to 547	✓ 913+02.1	70.9	✓	52-22	N51-55E
to 548	914+90.5	188.4	✓	66-28+	N66-25E
to 549	915+54.0	635	✓	109-06	S71-00E
to 550	916+78.4	124.4	✓	144-47	S35-00E

10/6.6 ✓

Reverse Az.

257-28 N77-27E
copper tack in disintegrated rock

S49-43E

196-44½ N16-44E

N33-36E

232-22 N52-20E

N66-26E

2-4-23 (fine) (strong N wind)

R.C. Wueste } Transit
Ed. Ketchum } and chain
P. Horan }289-06
+ on rock

S70-56E

S35-15E

CO.	Sta.	Dist.	Defl.	Az.	Mag. Co.
π @ 550	916+784				
B.S. on 549					
to 551	920+409	362.5	✓	155-05	S24-45E
to 552	924+768	435.9	✓	178-00	S2-00E
to 553	925+49.1	72.3	- ✓	24-49½	N24-45E
to 554	926+098	60.7	✓	49-43	N49-40E
to 555	931+499	540.1	✓	59-43	N59-40E
to 556	932+258	75.9	+ X	12-49½	N12-30E
to 557	933+143	88.5	X	47-18	N47-05E
to 558	934+166	102.3	X	74-04	N74-00E

1738.2 ✓

Reverse Az.
+ on rock
335-05 S24-57E
S2-02E
204-49½ N24-47E
N49-41E
N59-41E This CO. crosses old road
227-18 N12-48E
227-18 N47-16E below wind-eroded disintegrated rock
N74-02E

Co.	Sta.	Dist.	Defl.	Az	Mag. Co.	Reverse Az.
T@ 558	934+166					
BS. on 557						
to 559	936+340	2174	- X	10-50 $\frac{1}{2}$	N11-00E	190-50 $\frac{1}{2}$ N10-48E Copper tack in rock
to 560	938+862	2522	X	47-43	N47-50E	N47-41E
to 561	939+766	904	+ X	9-06 $\frac{1}{2}$	N9-15E	189-06 $\frac{1}{2}$ N9-05E
to 562	942+321	2555	- X	17-00 $\frac{1}{2}$	N17-05E	N16-58E
to 563	944+429	2108	- X	15-41	N15-40E	195-41 N15-38E + on rock
to 564	946+549	212.0	+ ✓	6-16 $\frac{1}{2}$	N6-15E	N6-14E
to 565	949+233	2684	✓	64-30	N64-30E	244-30 N64-27E + on rock - bed of Skye Creek.
to 566	950+898	1665	✓	289-15	N71-10W	N70-48W

1673.2 ✓

2-5-23 (fine) 4 hrs traverse
4 hrs sec. cors
and AZ. checks
R.G. Wueste } Transit
Ed. Ketchum } and
Pat. Heran } chain

Co	Sta.	Dist	Defl.	AZ	Mag. Co.	Reverse Az.
N@ 566	95at898					+ on rock
BS on 565						
to 567	952+61.6	171.8	-	298-08½	N61-45W	118-08½ N61-55W
to 568	955+94.9	333.3	✓	227-15	S48-40W	Ⓟ 547-11W + on blue granite rock
to 569	958+33.3	738.4	+ ✓	303-47½	N56-00W	123-47½ N56-16W
to 570	959+49.7	116.4	-	293-39½	N66-45W	Ⓟ This Co. crosses Skye Valley Grade hub of W. edge road N66-25W
to 571	962+98.4	348.7	✓	335-21	N25-00W	155-21 N24-43W
to 572	963+72.6	74.2	✓	332-04	N28-05W	N28-00W
to 573	967+30.5	357.9	+ ✓	345-23½	N14-45W	165-23½ N14-41W + on rock
to 574	968+88.8	158.3	✓	328-56	N31-10W	N31-09W coppertack in rock

1799.0 ✓

2-6-23 (final)
 RC Wueste } Transit.
 P. Moran }
 Ed Ketchum } Chain
 P. Kiessig }

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
T@ 574	968+888					
BS on 573						
to 575	971+626	273.8	- ✓	2-00 $\frac{1}{2}$	N2-05E	182-00 $\frac{1}{2}$ N1-55E
to 576	976+766	514.0	✓	15-59	N16-00E	N15-54E + on rock
to 577	977+872	110.6	✓	331-47	N28-30W	151-47 N28-18W
to 578	978+713	84.1	+ ✓	348-56 $\frac{1}{2}$	N11-10W	N11-09W + on rock
to 579	980+274	156.1	- ✓	7-00 $\frac{1}{2}$	N7-00E	187-00 $\frac{1}{2}$ + on rock N6-54E
to 580	985+99.3	571.9	+ ✓	18-16 $\frac{1}{2}$	N18-00E	N18-11E This co. across steep, solid granite face
to 581	991+94.1	594.8	✓	354-42	N5-40W	174-42 + on rock N5-24W
to 582	994+18.1	224.0	✓	8-56	N8-00E ③	N8-50E

2529.3 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
7 @ 582	994+181				
to 583	999+056	487.5	-	349-36 $\frac{1}{2}$	N10-45W @ 169-36 $\frac{1}{2}$
to 584	1001+57.7	232.1	✓	16-20	N16-15E
to 585	1007+30.0	572.3	✓	14-56	N14-45E 194-56 + on rock
to 586	1008+77.2	147.2	✓	340-00	N20-05W
to 587	1009+39.8	62.6	+ ✓	343-58 $\frac{1}{2}$	N15-45W 163-58 $\frac{1}{2}$ + on rock
to 588	1010+204	806	✓	40-34	N41-10E + on rock
to 589	1010+96.8	76.4	✓	56-29	N56-45E 236-29 + on rock
to 590	1011+72.4	756	- ✓	89-05 $\frac{1}{2}$	N89-05E + on rock
	1754.3 ✓				

hub on point under oak tree.

chain 2-7-23 (fine)
and
Angles RC Wueste } Transit
PKrossig } and
Louis Folmer } chain

N16-13E

N14-49E

N20-07W

(Angles 2-8-23)
RC W
PK

N16-08W

N40-26E

N56-21E

N88-57E

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
X @ 590	1011+72.4				
BS on 589					
to 591	1012+26.8	54.4	+ ✓	112-27½	S67-30E
to 592	1013+67.1	140.3	✓	158-45	S21-30E
to 593	9 1015+39.3	172.2	- ✓	59-45½	N59-30E
to 594	1016+89.9	150.6	+ ✓	294-29½	N65-35W
to 595	1018+44.0	151.1	- ✓	313-03½	N47-15E 1/8
to 596	1020+18.1	177.1	✓	272-33	N87-30W
to 597	1022+31.7	213.6	✓	220-21	S41-15W
to 598	10 1025+44.6	312.9	✓	179-31	S0-30E

1372.2 ✓

Reverse Az.					
+ on rock					
292-27½	S67-40E	(Angles 2-10-23) Fine			
+ on rock		RCW. PK			
	S21-23E				
+ on rock		Lt bank Pine Creek (chain) 2-8-23 (cloudy windy)			
239-45½	N59-36E	RCW waste			
Rt bank Pine Creek		This Co. crosses Pine Creek			
		O.L. Dobson Chas. Lockhart			
	N65-39W				
+ on rock					
133-03½	N47-06W				
	N87-36W				
+ on rock					
40-21	S40-12W				
+ on rock					
	S0-39E				
+ on rock					

Co	Sta	Dist	Defl.	Az	Mag
To 598	1025+146				
BS on 597					
To 599	1026+024	578	+ ✓	193-19½	513-15W
To 600	1028+923	2899	- /	211-20½	531-15W
To 601	1031+053	2130	✓	197-22	517-35W
To 602	1034+105	3052	✓	196-30	516-40W
To 603	1037+494	3389	+ ✓	186-19½	516-30W
To 604	1041+144	3650	✓	189-34	510-00W
To 605	1042+950	1806	✗	204-51	525-30W
To 606	1045+015	2065	✗	183-22	53-00W

1956.9 ✓

Reverse Az	
+ on rock	
19-19½	513-10W.
	531-10W
+ on rock	
17-22	517-12W
punch-mark on rock	
	516-70W
+ on rock	
16-19½	516-09W
+ on rock	
	59-23W
+ on rock	
20-51	524-40W
	53-11W

Co	Sta	Dist	Defl.	Az	Mag Co
π@606	1045+0.5				
BS. on 605					
to 607	1046+6.54	163.9	× 197-07	517-00W	17-07
to 608	1049+13.8	248.4	× 201-03	521-00W	
to 609	1054+50.4	536.6	× 201-40	521-15W	21-40
to 610	1057+10.6	260.2	× 186-29	56-05W	
to 611	1061+51.6	441.0	× 191-11	511-00W	11-11
to 612	1062+29.1	77.5	× 188-22	57-45W	
to 613	1064+41.3	212.2	× 224-43½	544-15W	44-43½
to 614	1066+08.0	166.7	× 230-46	549-45W	③
	210.65 ✓				+ on rock

Reverse Az.

316-50W	-
520-51W	+ on rock
521-28W	2-10-23 (fine) Chas. Luchhart Q.L. Dotson (chain)
56-17W	2-11-23 (Rainy) R.C. Wastg P. Kressig } (Transit)
510-59W	+ on rock
58-10W	+ on rock
544-30W	+ on rock
550-33W	+ on rock

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
to 614	1066+080				
BS on 613					
to 615	1067+240	1160	X	255-33	S75-15E
to 616	1068+099	859	+ X	267-03½	S86-25W
to 617	1068+85.2	753	X	291-12	N69-15W
to 618	1071+41.3	256.1	- X	312-01½	N48-20W
to 618 = A				195-47	S15-30W
BS on 617					
to A					
to 619	1072+664	125.1	+ ✓	326-19½	N34-15W
to 620	1078+421	275.7	- ✓	347-38½	N13-00W
to 621	1078+946	352.5	+ ✓	327-45½	N32-15W
to 622	1084+241	529.5	✓	13-33	N13-30E

18161 ✓

Reverse Az.

+ on rock

75-33

+ on rock

S75-20W

S86-51W

111-12

+ on rock

N69-01W

N48-13W

15-47 (for Az. check see page 58 Bk.) [+ 0° 13½' Error]

146-19½

N33-54W

2-11-23 (Rainy)
Chas. Lockhart } chain
O.L. Dutton }

N12-36W

+ on rock

(New bag. on azimuths see page 58 Bk.)

147-45½

+ on rock

N32-14W

2-13-23 (cloudy)
R.G. Wooster } Transit
P. Kieissig }

N13-39E

Co	Sta	Dist	Defl.	Az	Mag Co	Reverse Az
7	π@ 622	1084+24.1				
	B.S. on 623					
	to 623	440.0	-	350-54½	N9-00W	170-54½ + on rock
	1088+64.1					
	to 624	417.7	✓	359-42	N0-05W	N0-18W
	1092+81.8					
	to 625	✓ 458.4	✓	339-55	N19-30W	159-55 + on rock - head of wash
	1097+40.2					
	to 626	234.6	✓	186-22+	57-30W	Ⓟ + on rock
	1099+74.8					
	to 627	229.7	✓	201-37+	523-00W	21-37+ Ⓟ
	1102+04.5					
	to 628	202.6	✓	230-17	550-30W	550-16W + on flat granite rock
	1104+07.1					
	to 629	2	+	✓ 160-50½	S18-10E	340-50½ + on rock
	1105+32.1	125.0				
	to 630	167.5	✓	257-10	S78-00W	Ⓟ M80-15
	1106+99.6	2275.5 ✓				

2-13-23 (cloudy)
Chas Lockhart }
O.L. Dotson } draw

Co.	Sta	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
7 @ 630	1106+99.6					
35 on 629 to 631		229.9	✓	285-41	N73-45W	105-41
	1109+29.5					N74-21W
to 632		187.0	- ✓	332-08½	N27-35W	
	1111+16.5					N27-54W
to 633	3	95.3	+ ✓	12-01½	N12-15E	192-01½
	1112+11.8					N11-59E
to 634		207.9	✓	41-47	N42-00E	
	1114+19.7					N41-44E
to 635		255.6	✓	281-47 281-47	N78-00W	101-47
	1116+75.3					N78-16W
to 636		445.3	✓	343-57	N16-05W	
	1121+20.6					N16-06W
to 637	4	296.3	✓	315-52	N44-15W	135-52
	1124+16.9					N44-12W
to 638		323.7	✓	212-21	S32-30W	
	1127+40.6					S32-17W
		2041.0 ✓				

Co.	Sta.	Dist.	Def.	Az.	Mag. Co.	Reverse Az.
7	10638	1127+40.6				
	0.5 on 637					
	to 639	161.7	✓	236-15	556-15W	56-15
	1129+02.3					556-11W
	to 640	✓ 58.3	-	287-24½	N72-30W	
	1129+60.6					N72-41W
	to A=618	1071+41.3		143-29½	536-15E	323-29½
	to 641	113.9	+ ✓	334-32½	N25-15W	154-32½
	1130+74.5					N25-32W
	to 642	229.6	✓	353-41	N7-05W	
	1133+04.1					N6-24W
	to 643	216.9	✓	9-13½	N8-55E	189-13½
	1135+21.0					N9-08E
	to 644	232.2	✓	323-45	N36-20W	
	1137+53.2					N36-20W
	to 645	137.6	+ ✓	9-26½	N9-00E	189-26½
	1138+90.8					N9-22E
	to 646	183.9	✓	282-58	N77-45W	
	1140+74.7					N77-07E

1334.1 ✓

2-14-23 (fine)

R.C. Wueste } Transit
P. Kessig }Chas Lockhart } chain
Ol. Clotson }

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π@646	1140+747					
B. on 645						
to 647	1143+32.8	258.1	-	345-03 $\frac{1}{2}$	N15-45W ③	165-03 $\frac{1}{2}$ N15-02W
to 648	1144+06.8	74.0	+	0-20 $\frac{1}{2}$	NORTH	N0-16E
to 649	1145+05.0	98.2	✓	26-01	N25-30E	206-01 N25-56E
to 650	1146+54.9	149.9	✓	45-37	N45-00E	N45-32E
to 651	1147+38.1	83.2	✓	350-20	N10-45W ②	170-20 N9-45W
to 652	1149+10.2	172.1	✓	43-29	N42-55E	N43-24E Head of draw with running water
to 653	1150+76.2	166.0	-	246-56 $\frac{1}{2}$	S66-25W	66-56 $\frac{1}{2}$ S66-51W
to 654	1151+93.3	117.1	✓	206-46	S26-30W	S26-41W

1118.6 ✓

Co	Sta	Dist	Defl	Az	Magn Co	Reverse Az.
T@ 654	1151+933					
Bson 653 to 655	1153+164	123.1	✓	238-17	S58-00W	58-17 S58-12W
to 656	1154+562	139.8	✓	279-10	N31-00W	N30-55W
to 657	1156+372	181.0	✓	239-31	S59-15W	59-31 S59-26W
to 658	1157+472	1100	✓	308-33	N51-30W	N51-32W
to 659	1158+211	73.9	✓	329-35	N30-30W	149-35 N30-30W
to 660	1159+288	1077	* ✓	13-06½	N13-00E	N13-02E
to 661	1160+560	127.2	✓	248-07½	S68-10W	68-07½ S68-02W
to 662	1162+452	189.2	✓	325-37	N34-20W	N34-28W

1051.9 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π@ 662	1162+452					Reverse Az.
B.S. on 661						
to 663	1164+275	1823	✓	289-08	N70-46W	109-08 N70-57W
						Head of Glade Creek - running water
to 664	1166+943	2668	✓	145-00	S31-40E	535-05E
to 665	1168+572	1629	✓	159-41	S20-15E	339-41 S20-24E
to 666	1170+772	2200	✓	166-54	S13-00E	513-11E
						+ on rock
to 667	1173+083	231.1	✓	170-41	S9-30E	350-41 S9-24E
to 668	1175+276	219.3	+ ✓	148-25 $\frac{1}{2}$	S31-00E	531-39E
to 669	1176+676	140.0	✓	193-35	S14-15W	13-35 S13-30W
to 670	1180+438	376.2	✓	289-47	N69-00W	N70-18W
	1798.6 ✓					

Co.	Sta.	Dist.	Defl.	Az	Mag. Co.	Reverse Az.
T@ 670	1180+438					
B.S. on 669						
to 671	1181+133	69.5	✓	182-18½	S2-30N	2-18½
to 672	1182+231	109.8	✓	258-40	S79-10W	S78-35W
to 673	1184+199	196.8	✓	150-36	S29-20E	330-36
to 674	1187+049	285.0	✓	131-48	S47-55E	S48-17E
to 675	1187+752	70.3	✓	198-48	S19-15W	18-48
to 676	✓ 1189+172	142.0	✓	235-58	S57-00W	Ⓟ S55-52W
to A = 618				132-59½	S47-00E	
to 677	1191+264	209.2	✓	282-52	N77-05W	312-59½ (For Az check see pg Bk) 102-52
to 678	1192+964	170.0	✓	190-45	S11-00W	S10-39W

1252.6 ✓

2-15-23 (fine)
R.C. Wueste } Transit
P. Kieffer }
Chas. Lockhart }
of Dotson }
(Note: no tacks on
today's run)

Co.	Sta.	Dist.	Diff.	Az.	Mag. Co.	Reverse Az.
to 678	1192+964					
BS on 677						
to 679	1193+557	59.3	✓	248-26	569-00W	68-26
to 680	1196+285	272.8	✓	289-44	N70-00W	N70-22W
to 681	1197+176	89.1	+ ✓	290-03½	N70-30W	110-03½
to 682	1199+583	240.7	✓	332-21	N28-15W	N27-45W
to 683	1200+383	800	✓	181-49	S1-40W	1-49
to 684	1201+069	686	✓	160-43	S19-05E	S19-23E
to 685	1203+22.5	2156	✓	185-18	S5-15W	5-18
to 686	1205+778	255.3	- ✓	259-33½	S79-45W	S79-26W

1279.4 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
T@ 686	1205+778					
BS. on 685						
to 687	1208+822	304.4		✓ 283-19	N76-40W	103-19
						N76-48
to 688	1209+597	77.5		✓ 304-50	N55-30W	
						N55-17W
to 689	1210+954	135.7	150	✓ 356-04	N4-15W	176-04
						N4-03W
to 690	1212+561	160.7		✓ 307-47	N52-50W	②
						N52-20W
						Head of Eagle Creek
to 691	1216+033	347.2		✓ 174-14	S6-00E	354-14
						S5-53E
to 692	1218+391	235.8		✓ 110-17	S69-45E	
						S69-50E
to 693	1219+37.0	97.9		✓ 138-44	S41-45E	318-44
						S41-23E
to 694	1221+968	259.8		+ ✓ 104-19	S76-00E	
						S75-47E

1619.0 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
π@ 694	1221+968				
B.S. on 693					
to 695	1223+768	180.0	✓	86-59	N 86-50 E
to 696	1225+203	143.5	- ✓	71-50½	N 71-30 E
to 697	1226+400	119.7	+ ✓	108-53½	S 71-15 E
to 698	1227+347	94.7	✓	137-39	S 42-00 E
to 699	1228+377	103.0	✓	192-53	S 13-00 W
to 700	1229+397	102.0	✓	245-15	S 65-30 W
to 701	1232+90.3	350.6	✓	254-17	S 74-45 W
to 702	1234+211	1308	✓	110-26	S 69-45 E
	1224.3 ✓				

Reverse Az.

260-59	N 86-52 E
	N 71-42 E
288-53½	S 71-14 E
	S 42-29 E
	At edge old road
12-53	S 12-45 W This crosses old road
	+ on rock
	S 65-07 W
74-17	S 74-09 W
	S 69-42 E

Co.	Sta.	Dist.	Elev.	Az.	Magn Co.	Reverse Az.
T@.702	1234+21.1					
BS on 701						
+ 703	1235+318	110.7	-	95-56 $\frac{1}{2}$	584-25E	275-56 $\frac{1}{2}$ 584-12E
+ 704	1236+808	149.0	✓	71-07	N70-45E	N70-59E
+ 705	1237+52.8	72.0	✓	86-33	N86-00E	266-33 N86-25E
+ 706	1239+602	207.4	✓	115-03	564-35E	565-06E
+ 707	1240+432	85.0	✓	157-17	522-15E	337-17 522-52E
+ 708	1242+692	224.0	+ ✓	213-17 $\frac{1}{2}$	533-30W	533-09E
+ 709	1243+711	101.9	✓	767-30	512-30E	347-30 512-39E
+ 710	1245+41.1	170.0	✓	214-42	534-45W	534-33W

1120.0 ✓

2-16-23 (Furg AM on east FW)
 RC. Vroosta } Transit
 P. Kressig }
 Chas. Lockhart } chain
 O. Dotson }

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
to 710	1245+41.1					
BS on 709 to 711	1246+28.1	87.0	- ✓	228-16 $\frac{1}{2}$	549-00W	48-16 $\frac{1}{2}$ 548-07W ✓
to 712	1247+16.7	88.6	+ ✓	132-45 $\frac{1}{2}$	546-40E	547-23E
to 713	1248+04.0	87.3	✓	73-27	N73-45E	253-27 N73-18E
to 714	1249+17.0	113.0	✓	161-00	518-45E	519-09E
to 715	1251+07.8	190.8	✓	43-20	N43-30E	223-20 N43-11E
to 716	1254+74.9	367.1	✓	60-15	N60-05E	N60-06E
to 717	1256+40.8	165.9	- ✓	28-48 $\frac{1}{2}$	N28-00E	208-48 $\frac{1}{2}$ N28-39E
to 718	1257+60.8	120.0	✓	119-58+	560-15E	560-11E
		1219.7 ✓				

Co.	Sta.	Dist.	Def.	Az.	Mag. Co.	Reverse Az.
T@ 718	1257+608					
B.S. 07717						
to 719	✓ 10 1258+38.1	77.3	+ ✓	155-46 $\frac{1}{2}$	525-05E	335-46 $\frac{1}{2}$ 524-23E
to A = 618				121-56	558-15E	(for Az check see page Bk)
to 720	253.1 1260+91.2		✓	246-03	565-50W	565-53W
to 721	192.8 1262+84.0		✓	172-31	58-05E	352-31 57-39E
to 722	208.6 1264+92.6		✓	145-20	535-00E	534-50E
to 723	" 1267+66.5	273.9	✓	229-10	549-00W	49-10 548-59W
to 724	199.2 1269+65.7		✓	251-07	571-00W	570-56W
to 725	168.5 1271+34.2		- ✓	136-10 $\frac{1}{2}$	544-00E	316-10 $\frac{1}{2}$ 544-01E
to 726	310.5 1274+44.7		✓	77-22	N77-20E	N77-11E

1683.9 ✓

Co.	Sta.	Dist.	Defl.	Az.	MAG CO	Reverse Az.
π@ 726	1274+44.7					
B.S. on 725						
to 727	1275+577	113.0	✓	121-59	S58-30E	301-59 S58-13E
to 728	1276+859	128.2	✓	168-55	S12-00E	Ⓟ S11-17E
to 729	1278+080	122.1	✓	215-46	S35-30W	35-46 S35-34W
to 730	1279+402	132.2	✓	126-13	S53-45E	S53-59E
to 731	1281+272	187.0	✓	201-19½	S21-30W	21-19½ S21-07W
to 732	1282+753	148.1	✓	69-06	N69-00E	N68-53E
to 733	1283+798	104.5	✓	78-45	N78-10E	258-45 N78-32E
to 734	1285+260	146.2	✓	135-17	S45-15E	S44-56E
		1081.3 ✓				

Co.	Sto.	Dist.	Defl.	Az.	Mag Co	Reverse Az.
T@ 734	1285+26.0					
BS. on 733						
to 735	14 1286+59.6	133.6	✓	78-41	N78-10E	258-41 N78-27E
to 736	1288+01.3	141.7	- ✓	33-53½	N33-30E	N33-39E
to 737	1289+38.1	136.8	+ ✓	122-45½	S57-00E	302-45½ S57-28E
to 738	✓15 1290+39.6	101.5	✓	148-02	S32-10E	S32-13E
to 739	1292+09.8	170.2	✓	254-17	S74-55W Ⓟ	74-17 S74-02W
to 740	1294+12.0	202.2	✓	167-28	S12-40E	S12-47E
to 741	1294+72.0	60.0	- ✓	235-41½	S55-40W	55-41½ S55-26W
to 742	16 1296+62.4	190.4	✓	288-48	N71-20W	N71-28W

1136.4 ✓

Co.	Sta.	Dist.	Dcf.	Az.	Mag. Co.	Reverse Az.
T@ 742	1296+624					
BS. on 741						
to 743	1297+850	122.6	+ /	230-07 $\frac{1}{2}$	550-00W	50-07 $\frac{1}{2}$
to 744	1301+642	379.2	✓	295-51	N64-25W	N64-25W
to 745	1303+49.7	185.5	✓	266-48	586-40W	86-48
to 746	1304+654	115.7	✓	297-73	N62-50W	N62-54W
to 747	1307+014	236.0	✓	164-21	515-45E	344-21
to 748	1307+570	556	- ✓	252-26 $\frac{1}{2}$	572-15W	572-09W
to 749	1309+709	213.9	✓	271-45	N88-00W	91-45
to 750	1311+202	149.3	+ ✓	186-26 $\frac{1}{2}$	56-30W	56-09W

1457.8 ✓

2-17-23 (fine)
 R.C. Wueste } Transit
 P. Kiessig }
 Chas. Lockhart }
 O. Dorson } chain

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
7@ 750	1311+202					
Bson 749						
to 751	1312+142	94.0	✓	53-51	N53-15E	233-51 N53-33E
to 752	1312+88.0	73.8	✓	109-28	S71-00E	S70-50E
to 753	1313+97.9	109.9	✓	127-50	S52-30E	307-50 S52-28E
to 754	1316+80.2	282.3	✓	234-58	S54-40W	S54-39W
to 755	1317+57.5	77.3	✓	141-47	S38-30E	321-47 S38-32E
to 756	1319+34.7	177.2	✓	222-03	S41-45W	S41-44W
to 757	1320+40.3	105.6	✓	71-45	N71-20E	251-45 N71-26E
to 758	1321+65.8	125.3	✓	102-44	S77-40E	S77-36E

7045.6 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π @ 758	1321+658					
BS. on 757						
to 759	1372+338	68.0	-	✓ 150-46½	529-20E	330-46½ 529-34E
to 760	1323+42.1	108.3	✓	102-04	578-05E	578-16E
to 761	1325+535	211.4	✓	176-16	53-45E	356-16 54-04E
to 762	21 1326+618	108.3	✓	34-42	N34-30E	N34-21E + on rock (this sta. about 20 ft. above contour line)
to 763	1327+449	83.1	✓	58-33	N58-30E	238-33 + on rock N58-12E
to 764	1328+818	136.9	✓	124-15	555-50E	556-06E
to 765	1331+376	255.8	✓	115-57	564-00E	295-52 564-29E
to 766	22 1333+076 1141.8 ✓	170.0	✓	95-59	584-10E	584-73E + on rock

Co.	Sta.	Dist.	Dct.	Az.	Mag. Co.	Reverse Az.
to 766	1333+076					+ on rock
BS on 765						
to 767	1334+821	174.5	✓	141-06	539-00E	321-06 529-16E
to A-618				63-02	N62-45E	(for Az check see page Bk)
to 768	1335+383	56.2	✓	217-46	537-30W	537-24W
to 769	1337+237	185.4	✓	154-16	525-45E	334-16 526-06E
to 770	1338+29.6	105.9	✓	180-34	51-45E	⊙ 50-11W
to 771	1339+75.8	146.2	✓	143-43	536-30E	323-43 536-40E + on rock
to 772	1342+431	267.3	✓	181-26	50-10E	⊙ 51-03W
to 773	1343+31.8	88.7	+	133-24½	546-50E	313-24½ 546-58E
to 774	1346+10.5	278.7	✓	214-50	531-40W	534-26W

1302.9 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
7@774	1346+105					
BS. on 773						
to 775	1347+995	189.0	-	186-35½	56-30W	6-35½ 56-11W
to 776	1351+607	361.2	+	180-46½	545-00W	(?) (?) (?) 50-23W
to 777	1352+689	108.2	✓	185-08	54-50W	5-08 54-43W
to A-618				37-49	N37-15E	(For Az check see page Bk)
to A-				178-00	52-30E.	
to 778	1356+277	358.8	✓	241-08	560-40W	560-43W
to 779	1357+52.8	125.1	-	247-15½	567-40W	67-15½ 566-50W
to 780	1358+53.8	101.0	✓	311-27	N48-45W	N48-58W + on rock
to 781	1361+233	269.5	+ ✓	186-25½	56-30W	6-25½ 56-01W

1512.8 ✓

2-19-23 (overcast)

R.C. Wuasto } Transit
P. Kressig }Chris. Lookhart } Chain
O.L. Clotson }

Co	Sta	Dist	Defl	Az	Mag Co	Reverse Az
to 781	1361+233					
BS. on 780						
to 782	1363+478	224.5	✓	170-30	59-35E	59-55E
						+ on rock
to 783	1364+810	133.2	✓	254-24	574-00W	74-24
						573-59W
to 784	1366+218	140.8	✓	209-29	529-05W	
						529-04W
to 785	1367+808	1590	✓	252-33	572-20W	72-33
						572-08W
to 786	1369+344	1536	-✓	142-37½	537-30E	
						537-48E
						+ on rock
to 787	1370+773	1429	+✓	172-13½	58-05E	352-13½
						58-11E
						+ on rock
to 788	1371+722	949	✓	196-59	516-50W	
						516-34W
						+ on rock
to 789	1373+088	1366	✓	263-13	583-00W	83-13
						582-48W

1185.5 ✓

Co	Sta	Dist	Defl	Az	Mag Co
to 789	1373+082				
to 790	1377+017	392.9		279-52 $\frac{1}{2}$	N80-20W
to 791	1378+082	106.5		316-23	N43-45W
to 792	1380+250	216.8		269-12	S89-05W
to 793	1380+967	71.7		184-35	S4-40W
to 794	1382+447	148.0		268-4	S88-15W
to 795	1382+895	44.8		181-44	S1-45W
to 796	1383+823	92.8		125-23	S54-25
to 797	1386+931	310.8		138-31	S41-15E

1384.3 ✓

Reverse Az.

	180-33W
136-23	N44-03W
+ on rock	
	S88-46W
+ on sloping rock	
4-35	S4-09W
+ on rock	
	S87-48W
+ on rock in head of gulch with water	
1-44	S1-18W
	S55-03E
308-31	S41-55E

Co	Sta	Dist	Defl	Az	Mag Co	Reverse Az
A@ 797	1386+931					
B300 796						
to 798	1389+346	241.5	+ ✓	193-55½	513-50W	513-30W
to 799	1390+279	93.3	✓	141-46	538-20E	538-40E
to 800	1390+780	50.1	✓	183-01	52-55W	52-35W
to 801	1392+133	135.3	✓	235-38	555-30W	555-12W
to 802	1393+591	145.8	✓	161-40	518-15E	518-46E
to 803	1394+327	73.6	✓	239-10	559-10W	558-44W
					59-10 + on rock	
to 804	1395+274	94.7	✓	119-35	560-20E	560-51E
to 805	1397+127	185.3	- ✓	173-05½	57-00E	57-22E
					353-05½	

1019.6 ✓

Co	Sta	Dist	Defl.	Az.	Mag. Co.	Reverse Az
TC 805	1397+12.7					
BS on 804 to 806	1397+98.5	85.8	✓	120-13	359-50E	560-14E
to 807	1398+72.0	73.5	+ ✓	139-16 $\frac{1}{2}$	541-00E	319-16 $\frac{1}{2}$ 541-10E
to 808	1399+70.5	98.5	✓	157-53	522-10E	522-34E
					to on rock	
to 809	1400+166.5	96.0	✓	99-57	580-10E	279-57 580-30E
to 810	1401+89.9	123.4	✓	144-43	535-40E	535-44E
to 811	1403+99.2	209.3	✓	173-17	57-00E	353-17 57-10E
to 812	1405+09.2	110.0	✓	81-29	N81-15E	N81-02E
to 813	1406+74.2	165.0	- ✓	115-44 $\frac{1}{2}$	564-40E	295-44 $\frac{1}{2}$ 564-43E

961.5 ✓

2-20-23 (overcast)

R. W. Wastle } Transit
P. Kressig }Chas. Lockhart } chain
O. L. Dotson }

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π @ 813	1406+742					
BS on 812						
to 814	1407+175	433	+ ✓	157-08½	523-15E	523-18E
to 815	1408+036	86.1	✓	184-00	54-00W	4-00
to 816	1410+204	216.8	✓	156-07	524-10E	524-20E
to 817	1411+11.1	77.5	✓	169-25	511-00E	349-25
to 818	1412+195.3	197.4	✓	103-12	577-10E	577-15E
					to on rock	
to 819	1417+61.8	466.5	- ✓	178-10½	52-00E	358-10½
					to on rock	52-18E
to 820	1419+63.6	201.8	✓	167-12	512-45E	513-16E
to 821	1422+386	275.0	✓	19-40	N19-30E	199-40

7564.4 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
to 821	1422+386					
135.07 820						
to 822	1423+959	157.3	+ ✓	81-54½	N81-35E	N81-27E
to 823	1426+076	211.7	✓	63-01	N62-30E	243-01 N62-33E
to 824	1426+587	51.1	✓	98-21	S82-00E	S82-07E
to 825	1427+974	138.7	✓	220-07	S39-45W	40-07 S39-39W
to 826	1428+564	59.0	✓	185-06	S5-00W	S4-38W
to 827	1429+552	98.8	✓	139-55	S40-10E	319-55 S40-33E
to 828	1430+107	55.5	✓	192-22	S12-00W	S11-54W
to 829	1431+494	138.7	✓	234-30	S54-15W	54-30 S54-02W
		910.8 ✓				

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
T@ 829	1431+494					
B.S. on 828						
to 830	1432+918	142.4	✓	151-30	528-50E	528-58E
to 831	1434+153	123.5	- ✓	52-10½	N52-00E	232-10½
to 832	1434+761	60.8	✓	96-10	584-00E	584-18E
to 833 = A	1435+919	115.8	✓	128-10	552-10E	308-10
to A				161-14	519-00E	
to 834	1436+413	49.4	+ ✓	225-54½	545-40W	545-26W
T@ 834				225-23½		
B.S. on 833						
to 835	1441+151	473.8	✓	233-19	553-45W	53-19
to 836	1442+856	170.5	- ✓	243-16½	563-40W	563-16W
to 837	1444+81.8	196.2	+ ✓	161-31½	518-00E	341-31½

13.32.4 ✓

to 833 = A 29 ✓ 128-10 552-10E 308-10 552-19E

to A 161-14 519-00E [(160-43 see page 58, Bk.) = + 0°31' error]

to 834 1436+413 49.4 + ✓ 225-54½ 545-40W 545-26W

T@ 834 1436+413 225-23½ (New start on azimuth)

B.S. on 833

to 835 1441+151 473.8 ✓ 233-19 553-45W 53-19 553-19W

to 836 1442+856 170.5 - ✓ 243-16½ 563-40W 563-16W

to 837 1444+81.8 196.2 + ✓ 161-31½ 518-00E 341-31½ 518-28E

2-21-23 (final)
P. Kressig
Chas. Lockhart } chain
O. L. Dotson

2-22-23 (final)
R. C. Wueste } transfer
P. Kressig

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	
T@ 837	1444+818					
B.S. 07836						
to 838	1446+965	214.7	✓	179-59	S0-30W	S0-01E
to 839	1447+55.8	59.3	- ✓	78-16½	N78-40E 258-16½	N78-16E
to 840	1448+318	76.0	+ ✓	150-58½	S28-40E	S29-01E
to 841	1449+400	108.2	- ✓	71-12½	N71-30E 251-12½	N71-12E
to 842	1449+886	48.6	✓	116-11	S63-45E	S63-49E
to 843	1451+52.0	163.4	+ ✓	148-26½	S31-05E 328-26½	S31-33E
to 844	1452+555	103.5	✓	70-27	N70-45E	N70-26E
to 845	1454+555	200.0	✓	120-19	S59-30E 300-19	S59-42E

973.7 ✓

Mount of ... Hills.
 ...
 ...

Angle ...
 W

Co.	Sta.	Dist.	Def.	Az.	Mag. Co.	Reverse Az.
7 @ 845	1454+555					
B.S. on 844						
to 846	1453+454	89.9	✓	188-30	58-30W	58-29W
to 847	1456+248	79.4	✓	256-32	576-45W 76-32 in apiary	576-31W
to 848	1458+545	229.7	-✓	224-33½	544-45W	544-32W
to 849	1460+960	241.5	✓	91-15	588-30E 271-15 + on rock	588-46E several no or stakes direction small
to 850	1461+827	86.7	✓	159-59	520-20E + on rock	520-02E
to 851	1462+892	106.5	✓	145-36	534-00E 325-36 + on rock	534-25E no stake
to 852	1465+484	259.2	+	174-31½	55-10E hub in rock on sloping face	55-29E "851?"
to 853	1466+422	938.	✓	215-40	536-00W 35-40	535-39W 852
		1186.7 ✓				

Co.	Sta	Dist	Defl.	Az	Mag Co.	Reverse Az.
T@ 853	1466+422					
138 on 852						
to 854	2 1467+384	96.2	✓	261-52	58 $\frac{1}{2}$ -00W	581-50W First co. ascending Wilson Creek hub in disintegrated rock 853
to 855	1468+260	87.6	- ✓	274-11 $\frac{1}{2}$	N85-45W	94-11 $\frac{1}{2}$ + on rock 854
to 856	1471+809	354.9	✓	282-41	N77-30W	N77-21W 853
to 857	1472+71.9	91.0	✓	309-51	N50-00W	129-51 N50-11W 856
to 858	1474+0.17	129.8	+ ✓	276-22 $\frac{1}{2}$	N83-40W	N83-39W 857
to 859	1475+35.7	134.0	- ✓	310-19 $\frac{1}{2}$	N49-45W	130-19 $\frac{1}{2}$ N49-43W 858
to 860	1476+33.3	97.6	+ ✓	258-11 $\frac{1}{2}$	578-10W	578-10W 859
to 861	1477+70.6	137.3	✓	297-40	N62-15W	117-40 N62-22W 860

1128.4 ✓

Co	Sta	Dist	Defl.	Az	Mag Co	Reverse Az	
π @ 861	1477+706						
B.S. on 860							
to 862	1478+924	121.8	✓	324-49	N35-20W		N35-13W
to 863	1479+956	103.2	✓	248-00	568-00W	68-00	567-58W
							2-23-23 (overcast) F.G. Wueste? Transit P. Kessig
to 864	1481+308	135.2	✓	295-51	N64-00W		N64-12W
							Chas. Lockhart? Az. check A. Dotson } points.
to 865	1481+985	67.7	✓	345-22	N14-50W	165-22	N14-41W
to 866	1482+637	65.2	✓	266-16	S86-10W		S86-13W
							Error in Dotson address
to 867	1483+648	101.1	- ✓	292-22½	N67-35W	112-22½ + on rock	N67-41W
to 868	1488+126	447.8	✓	295-02	N65-00W		N65-01W
to 869	1489+931	180.5 1222.5 ✓	✓	289-45	N70-15W	109-45	N70-18W

Co.	Sta.	Dist.	Defl.	Az.	Mag Co.	Reverse Az.
T@869	1489+931					
B.S. 00868						
to 870	1495+044	511.3		✓302-18	N57-45W	N57-45W
						+ on rock
to 871	1496+629	158.5		✓310-42	N49-20W	130-42 N49-21W
to 872	1499+039	241.0		✓320-48	N39-10W	N39-15W
						round hub
to 873	1500+666	162.7	+	✓296-03½	N63-50W	116-03½ N63-59W
to 874	1501+74.0	107.4		✓316-06	N43-45W	N43-58W
to 875	1502+436	69.6		✓244-11	564-15W	64-11 564-07W
to 876	1503+81.1	137.5		✓277-08	N82-50W	N82-56W
to 877	1506+71.1	290.0		✓290-37	N69-15W	110-37 N69-27W

1678.0 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π@ 877	1506+711					
BS. on 876						
to 878	1508+049	133.8	✓ 277-29	N82-15W		N82-35W
to 879	1511+062	301.3	- ✓ 283-58½	N75-45W	103-58½	N76-06W
					on rock	
to 880	1512+996	193.4	+ ✓ 295-56½	N63-45W		N64-07W
to 881	1515+000	200.4	✓ 292-34	N67-30W	112-34	N67-30W
					on rock	
to 882	1516+634	163.4	✓ 296-28	N63-25W		N63-36W
					on rock	
to 883	1518+308	167.4	✓ 304-00	N56-00W	124-00	N56-04W
to 884	5 1519+920	161.2	✓ 314-52	N45-00W		N45-13W
to 885	1521+24.0	132.0	✓ 270-33	N89-25W	90-33	N89-32W
		1452.9 ✓				

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
N @ 885	1521+24.0				
35 on 884					
to 886	1521+96.0	72.0	✓	216-31	536-46W
to 887	1523+34.2	138.2	✓	79-52	N80-10E
to 888	1524+39.6	105.4	- ✓	129-11½	S49-15E
to 889	1525+40.1	100.5	✓	143-04	S36-50E
to 890	1526+80.0	139.9	✓	116-04	S63-45E
to 891	1527+71.6	91.6	✓	129-16	S50-45E
to 892	1529+15.1	143.5	✓	118-51	S61-00E
to 893	1530+21.2	106.1	+ ✓	143-51½	S36-30E

897.2 ✓

Ramona Az.

536-26W
This co. crosses Wilson Creek

259-52

N79-47E

2-24-23 (fine)

R.C. W. Asta } Transit
R. K. Assig }

550-54E

Chas. Logthorn } Az. chain
O.L. Dorson } points A
Chain P.M.

323-04

S37-01E

S64-01E

+ on rock

309-16

S50-49E

S61-14E

323-51½

S36-13E

Co.	Sto.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π@ 893	1530+212					
B.S. on 892						
to 894	6 1532+362	215.0		✓ 122-23	557-30E	557-43E
						+ on rock
to 895	1533+90.7	154.5		✓ 109-22	570-30E	289-22 570-44E
						+ on rock
to 896	1534+64.1	73.4		- ✓ 120-51½	559-00E	559-15E
to 897	1537+28.9	264.8		✓ 104-55	575-00E	284-55 575-11E
to 898	1538+10.7	81.8		+ ✓ 98-48½	581-10E	581-17E
to 899	1540+32.0	221.3		✓ 118-20	561-30E	298-20 561-46E
to 900	1542+29.6	197.6		✓ 120-37	559-25E	559-29E at edge of road
to 901	1543+71.4	141.8		✓ 96-48	583-00E	276-48 583-18E

1350.2 ✓

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π@901	1543+714					at edge of road
BS. on 900						
to 902		569.8	✓ 130-33	549-25E		549-33E
	1549+412					at edge of road
to 903		235.7	✓ 117-04	562-50E	297-04	563-02E
	1551+769					at edge of road
to 904	7	363.3	✓ 127-39	552-15E		552-28E
	1555+402					top of road cut.
to 905		276.2	✓ 128-13	551-45E	308-13	551-54E
	1558+164					
to 906		109.7	✓ 152-28	527-30E		527-39E
	1559+26.1					
to 907		77.5	✓ 75-24	N75-30E	255-24	N75-17E
	1560+036					
to 908		59.0	✓ 108-49	571-15E		571-18E
	1560+62.6					
to 909		199.2	✓ 130-19	549-45E	310-19	549-48E
	1562+618					
		1890.4 ✓				

Co.	Sta.	Dist.	Defl.	Az.	MAG CO	REVERSE AZ.
to 909	1562+618					
BS on 908						
to 910	1563+1368	750	✓	161-46	518-15E	518-21E
to 911	1564+112	744	✓	82-51	N82-40E	262-51 N82-44E
to 912	1567+012	290.0	✓	108-40	571-30E	571-27E
to 913	1568+817	180.5	✓	118-53	561-00E	298-53 561-14E
to 914	1570+21.7	1400	✓	121-23	558-35E	558-45E
to 915	1571+41.5	119.8	- ✓	159-24½	520-30E	339-24½ 520-44E
to 916	1571+96.5	550	✓	75-01	N75-00E	N74-53E
to 917	1573+492	152.7	+ ✓	120-43½	559-30E	300-43½ 559-24E

1087.4 ✓
322

2-26-23 (fine)
 RC. Ruoste } Transit
 P. Kiessig }
 Chas. Lockhart } claim
 O.L. Dotson }

Co.	Sta.	Dist.	Defl.	Az.	Mag Co	Reverse Az.
T@ 917	1573+492					
B.S. on 916						
to 918	1574+304	81.2		✓ 90-54	589-00E	589-14E
to 919	1576+72.7	242.3		✓ 108-01	572-00E 288-01	572-07E
to 920	1577+56.7	84.0		✓ 73-45	N73-40E	N73-37E
to 921	1579+14.1	157.4		- ✓ 115-16½	564-45E 295-16½	564-52E
to 922	✓ 1581+89.3	275.2		✓ 131-50	548-10E	548-19E
to A				150-38	529-30E	+ on rock (on divide bet. Wilson and Cottonwood Creeks)
to 923	1582+85.1	95.8		✓ 225-37	545-30W 45-37	(for Az. check see pg 28) 545-28W
to 924	1583+51.7	66.6		✓ 252-42	572-45W	572-33W
to 925	1584+19.8	68.1		✓ 263-18	583-30W 83-18	583-09W

1070.6 ✓
542

Co.	Sta.	Dist.	Elev.	Az.	Mag. Co.	Reverse Az.
N@ 925	1584+198					
BS on 924						
to 926	1585+743	154.5	✓	288-20	N71-45W	N71-49W
to 927	1586+857	111.4	✓	164-51	S15-00E	344-51 S15-18E
to 928	1589+702	284.5	✓	174-21	S5-35E	N5-48E Above Water Commission cottage
to 929	1591+048	134.6	✓	211-18	S31-20W	31-18 + on rock S31-09W
to 930	1592+193	114.5	✓	232-57	S53-15W	S52-48W
to 931	1593+461	126.8	✓	211-19	S31-30W	31-19 + on rock S31-10W
to 932	1596+346	288.5	✓	222-30	S42-45W	S42-21W + on rock (Camp Spring Cañon)
to 933	1597+734	138.8	✓	137-35	S42-10E	317-35 S42-34E

1353.6 ✓

Co.	Sto.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
7 @ 933	1597+734					
Bs. on 932						
to 934	1598+266	532	✓	178-47	51-05 E	51-22 E
to 935	1600+347	208.1	✓	149-14	530-45 E	530-55 E
					329-14	
					+ on rock	
to 936	1603+914	356.7	✓	114-46	565-00 E	565-23 E
to 937	1606+129	221.5	✓	99-15	580-30 E	580-55 E
					279-15	
					+ on rock	
to 938	1609+056	292.7	✓	108-44	571-20 E	571-26 E
					+ on rock	
to 939	1610+716	166.0	+ ✓	93-31½	586-30 E	586-38 E
					273-31½	
					+ on rock	
to 940	1611+975	125.9	✓	160-30	519-40 E	519-40 E
to 941	1612+560	58.5	- ✓	142-44½	537-20 E	537-26 E
	1482.6 ✓					

2-27-23 (high North wind)
 R.C. Wueste } Transit
 P. Krossig }
 Chas. Lockhart } chain
 O.L. Dotson }

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	Reverse Az.
π@941	1612+56.0					
BS. on 940						
to 942	1613+13.6	57.6	+ ✓	170-34½	S9-30E	59-35E
						+ on rock
to 943	1614+50.8	137.2	✓	156-20	S23-35E	336-20
						523-50E
to 944	1616+32.6	182.8	- ✓	77-49½	N78-00E	
						N77-39E
to 945	1616+99.6	66.0	✓	104-54	S75-00E	284-54
						@ edge road
to 946	1619+54.0	254.4	✓	160-46	S19-15E	
						S19-24E
to 947	1621+51.5	197.5	+ ✓	213-49½	S34-00 W	33-49½
						533-40W
to 947a				314-27	N45-30W	
to 948	1622+92.0	140.5	✓	83-29	N83-30E	
						(226.44 + 23°07') = 208.26 (151.65 - 22°08') = 140.47 = Const. R.P. on upstream face of dam produced
to face of dam				119-44	S66-10E	299-44
to 949	1625+76.5	284.5	✓	120-16	S65-40E	300-16
		1320.5				(287.46 - 8°11') = 284.47

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
N @ 949	1625+765				
BS. on 948					
to 950	1628+63.6	287.12	✓	133-51	348-40E
to 1 = Δ	" (0+00) 1631+84.9	321.3	- ✓	151-02 $\frac{1}{2}$	522-00E
to Δ		608.4		331-16	N 28-50W

Note: By computation Course 1-947 =
N 51-06W 963.5

Reverse Az.

+ in concrete of driveway of dam near Tower

+ in concrete of driveway of dam near left end of
overflow section

$$331-02\frac{1}{2} \quad (16310) + [181.18 + 29^{\circ}09'] = 158.23 = 321.33$$

= 30.9 miles

Section Ties and Misc. Angles.

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
π @ Sec. Cor.					
F.S. on A				249-19	569-25W
to A	0+00		30-51-15L	218-27 $\frac{3}{4}$	538-30W

Sec. Tie (NO. 1)

π @ Sec. Cor.					
B.S. on A	0+00			38-28 $\frac{1}{2}$	
to traverse line		558.9		271-07	
π @ inters. pt.	31+66.5				
B.S. on sec. cor.					
to 29				355-19	
to witness men		33.0		91-07	

Sec. Tie (NO. 35)

π @ Sec. Cor.					
F.S. on sec. cor.				90-45 $\frac{1}{2}$	
to traverse line		1847.6	0°21 $\frac{1}{2}$ L	90-24	589-30E
π @ inters. pt.	1600+73Z				
B.S. on Sec. Cor.					
to 936				114-38 $\frac{1}{2}$	
to witness men		31.1		270-24	

Sec. Tie (NO. 36)

π @ Intersec. Mon.					
F.S. on $\frac{1}{4}$ Cor.				89-10 $\frac{1}{2}$	
to traverse line		162.1	93-32 $\frac{1}{2}$ R	182-43	52-45W
π @ intersec. pt.	1608+17.1				
B.S. on intersec. mon.					
to 938				108-21	
to witness men		32.1		182-43	

True Bearing

= 12" x 12" Conc. mion. with 1 $\frac{1}{2}$ " pipe ctr. = $\frac{1}{4}$ Cor bet Secs. 15 and 22, T17S, R3E $\frac{1}{4}$ Cor bet Secs. 15 and 22, T17S, R3E

(See page 1 Sk)

(see supplemental map)

1" pipe in earth md.

1" pipe in earth md.

 $\frac{1}{4}$ Cor bet Secs. 16 and 21, 17S, 3E (4" dia x 4' high vert. oak post scribed $\frac{1}{4}$ S [1" pipe along side]) $\frac{1}{4}$ Cor bet Secs. 15 and 22, 17S, 3E

(see supplemental map)

1" pipe in rock md.

1" pipe in rock md.

Short pc 1 $\frac{1}{8}$ " drill steel in rock md below road (see supplemental map)N89-10 $\frac{1}{2}$ E ($\frac{1}{4}$ Cor bet Secs 15 and 22, 17S, 3E)

52-43W

3-2-23
R.C. Wueste
P. Kressig
Chas. Lockhart
O.L. Dotson3-5-23 3-6-23
R.C. Wueste
P. Kressig
Chas. Lockhart
O.L. Dotson3-7-23
R.C. Wueste
P. Kressig
Chas. Lockhart
O.L. Dotson

Co.	Sta.	Dist	Defl.	Az	Mag. Co.
T @ 227	293+41.0				
F.S. on Δ			Vanner @ 0		N73-15W
to Δ			1°35' Rt		N71-50W
to Sec. Cor.			125°11½' Rt		N51-50E
to Δ			164°15' Rt		S87-00E
to 228	295+29.3		198°21' Rt		S55-00E

Sec. Tie

T @ Sec. Cor.					
B.S. on Sec. Cor.					
to witness mon.	528		93-52 Rt.		50°-20' W
to inters. mon. 624+150	85.8				
to 227	293+41.0		145-10½ Rt		551-45W

Sec. Tie

T @ Sec. Cor.					
B.S. on Sec. Cor.					
to inters. mon. 302+683	(4) 1054 (Stadio) 93-52 Rt				50-25 W
to witness mon.	1087				

Sec. Tie

T @ Sec. Cor.					
F.S. on Sec. Cor.					
to witness mon.			1-40 Rt		588-00 W
to inters. mon. 626+054	1452				
T @ inters. mon.	1752				
to 416	629+22.4	317 (Stadio)			

True Bearing

(13-24-18-19)

12" x 12" conc. mon. with 1½" pipe alongside soft granite rock (13-24-18-19)

12" x 12" conc. mon. with 1½" pipe (13-14-23-24)

50-22 E 1" pipe in rock md.

50-22 E 1" pipe in rock md.

13-24-18-19

13-14-23-24

50-22 E

50-22 E

13-24-18-19

13-14-23-24

587-26 W 1" pipe in rock md.

587-26 W 1" pipe in rock md.

3-9-23

R.C. Wugsto
P. Kressig
Chas. Lockhart
O.L. Ratson3-10-23
R.C. Wugsto
P. Kressig
Chas. Lockhart
O.L. Ratson

Co.	Sta.	Dist.	Defl.	Az	Mag. Co.
	Sec. Tie.	(No. 2)	103.4		
T @ witness mon.					
B.S. on witness mon.				50-30E	
to intersec mon.	120+870	160.6	✓	do.	
to witness mon.	✓	193.6	✓	do.	
	Sec. Tie.				
T @ witness mon.					
B.S. on witness mon.				North	
to intersec mon.	760+903	124.3	(No. 23)	do.	
to witness mon.	✓	157.3	✓	do.	
	Sec. Tie.				
T @ sec. cor.					
B.S. on intersec. mon.					
to intersec. mon.	851+876	68.1	9-06R (No. 26)	581-00E	
to witness mon.	✓	101.1	✓	do.	
	Sec. Tie.				
T @ sec. cor.					
B.S. on intersec. mon.					
to intersec. mon.	853+029	84.2	88-59Lt. (No. 27)	NI-00E	
to witness mon.	✓	117.2	✓	do.	
	Sec. Tie.				
T @ old hub					
B.S. on sec. cor.		190. (stake)			
to witness mon.	✓	70.			
to intersec. mon.	855+947	103.	(No. 28)		

True Bearing			
			3-14-23 R. Wueste Chas. Lockhart O. L. Peters
	S side lake bet. secs. 14 and 15 (Rock mound)		
50-05E	N side lake bet. secs. 14 and 15 (Rock mound)		
do.		1" pipe	
do.		1" pipe	
	N side lake bet. secs. 15 and 14 (Rock mound)		
NO-05W	S side " " " " (Rock mound)		
do.		1" pipe	
do.		1" pipe	
9-10-15-16, 17S3E.		1" pipe in old earth mound	
589-26E	W side lake bet. secs. 9 and 16 (stake in earth mound)		
580-20E		1" pipe	
do.		1" pipe	
9-10-15-16, 17S3E.			
589-26E	W side lake bet. secs. 9 and 16 (stake in earth mound)		
NI-35E		1" pipe in rock mound	
do.		1" pipe	
			3-15-23 R. Wueste Chas. Lockhart O. L. Peters
11-35E (3)		1" pipe	
do.		1" pipe	

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
Sec. Tie.					
X @ intersec. mon					
B.S. on Sec. Cor.					
to intersec. mon. 1402+184	384.	stadia	✓	(No 34)	N 89-35 W
to witness mon. ✓	417.		✓		
Sec. Tie.					
X @ sec. cor.					
B.S. on witness mon.					
to intersection mon. 833+841	373.	stadia	✓	(No 25)	N 80-00 W
to witness mon. ✓	406.		✓		
Sec. Tie.					
X @ witness mon					
B.S. on Sec. Cor.					
to intersec. mon. 796+230	181.	stadia	✓	(No 24)	N 89-50 E
to witness mon. ✓	214.		✓		
Sec. Tie.					
X @ sec. cor.					
B.S. on intersec. mon.	278.				389-45 W
to intersec. mon. 1064+285	867.	stadia	✓	(No 30)	
to witness mon.	900.		✓		
to witness mon.	1375.		✓		
to intersec. mon. 1070+673	1408.		✓	(No 31)	
to old intersec. mon. ✓	1752.		✓		

True Bearing

Stake in earth mound (W side lake bet secs 9 and 16)

9-10-15-16, 1753 E.

N 89-26 W

1" pipe

do.

1" pipe

concrete mon = $\frac{1}{4}$ cor. bet. 10-15, 1753 E.

389-45 W

E shore lake bet secs. 10-15.

N 80-20 W

2" pipe

do.

2" pipe

E shore lake bet. secs. 10-15

N 89-45 E

 $\frac{1}{2}$ cor., 10-15, 1753 E

do

1 $\frac{1}{4}$ " pipe

do

1 $\frac{1}{2}$ " pipeconcrete mon = $\frac{1}{4}$ cor. bet. secs 3-10

N 89-49 W

E shore lake bet. secs. 3-10

do.

1 $\frac{1}{2}$ " pipe

do.

2" pipe

do.

1 $\frac{1}{2}$ " pipe

do.

1" pipe

do

stake lying @ earth mound

3-15-23
R.G. Wueste
Chas. Lockhart
O.L. Dotson3-16-23
R.G. Wueste
Chas. Lockhart
O.L. Dotson

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
π @ sec. cor.					
F.S. on witness mon.					
to witness mon.	711.		0-04 Lt		589-45 E
to intersec. mon. 1309+803	744.				No. 33
Sec. Tie.					

π @ sec. cor.					
F.S. on old hub					
to witness mon.	234.		1-04 Lt		
to intersec. mon. 1115+823	267.				No. 32
Sec. Tie.					

π @ sec. cor.					
F.S. on intersec. mon. 1064+285					
to intersec. mon. 967+694	86.		1-38 Rt		No. 29
to witness mon.	120.				588-00 E
to sec. cor.	1967.				
Sec. Tie.					

π @ sec. cor.					
F.S. on sec. cor.					
to intersec. mon.			1-34 Lt		
to intersec. mon.	1448.		86-25 Lt		North
to intersec. mon. 685+659	1747.				No. 22
to witness mon.	1780.				

True Bearing		
Rock mound = $\frac{1}{4}$ cor. bet. secs. 4 and 9, 1753 E		3-17-23 R.C. Wueste Chas. Lockhart O.L. Dotson
do	East	$1\frac{1}{2}$ " pipe 1375 ft W of sec. cor. pg 138
do		$1\frac{1}{2}$ " pipe
do		$1\frac{1}{2}$ " pipe

Rk mound - $\frac{1}{4}$ cor bet. secs. 3 and 4, 1753 E		Correspondence of location of this mound with map location is doubtful.
190 ft N 1-35 E of sec. cor. (see page 136)		3-19-23
South	2" pipe	R.C. Wueste
do	2" pipe	Chas. Lockhart
		O.L. Dotson

concrete mon. = $\frac{1}{4}$ cor bet. secs. 3 and 10, 1753 E.		
$1\frac{1}{2}$ " pipe in shore lake (see page 138)		3-20-23
588-11 E	1" pipe	R.C. Wueste
do.	1" pipe	Chas. Lockhart
do.		O.L. Dotson
Rk mound = sec. cor. to 2-3-10-11, 1753 E.		

concrete monument = sec. cor. 13-14-23-24, 1753 E		
N 85-46 E		
concrete monument - sec. cor. 18-13-24-19		
N 84-06 E (Error) Rk mound sta 124, 180 contours survey		
N 0-48 W (see supplemental map) (0-09 Error)		
do.	1" pipe	
do.	1" pipe	

Co.	Sta.	Dist.	Decl.	Az.	Mag. Co.	True Bearing
Azimuth Checks						
T@ 31	33+70.6					
F.S. on 1	0+00			199-46	570-00W	
to 947a			36-57 R	236-43	556-50W	
to A			125-55 R	325-41	N34-15W	
to 32	35+50.6		194-58 R	34-44½	N34-40E	
*						
T@ 49	58+82.9					
F.S. on 31	33+70.6			157-05½	523-15E	
to 1	0+00		22-18½ R	179-24	50-25E	
to 947a			41-25 R	198-30½	518-15W	
to A			161-49½ R	318-55	N41-30W	
to 50	60+21.4		197-55½ R	355-01	N5-20W	
*						
T@ 922	1581+89.3					
F.S. on A				353-51	N6-05W	
to 49	58+82.9		81-16½ R	75-07½	N75-15E	
to 31	33+70.6		172-56½ R	116-47½	563-00E	
to 1	0+00		156-38½ R	150-29½	529-15E	
to 947a			167-05½ R	160-56½	518-50E	
to 923	1582+85.1		231-38 R	225-29	545-45W	
to sec. cor.	9-10-15-16		10-45 R	4-36	N4-40E	
to sec. cor.	½ bet 10-15		39-08 R	32-59	N33-00E	
to sec. cor.	¾ bet 3-4		8-37 R	2-28	N2-30E	

5-23-23
 R.C. Wueste
 Chas. Lockhart
 O.L. Dotson

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.	True Bearing
Azimuth Checks						
π @ 947a						
F.S. on 922	1581+893			340-56	N19-15W	
to A			6-54 Rt	347-50	N12-30 W	
to sec. cor.	9-10-15-16		15-12 1/2 Rt	356-08 1/2	N4-00 W	
to 49	58+829		37-35 1/2 Rt	18-31 1/2	N18-20 E	142-02-30 (4 Readings)
to 31	33+70.6		75-47 Rt	56-43	N56-45 E	
to sec. cor.	1/4 bet. 15-22		88-23 Rt	69-19	N69-15 E	60-33-15 (4 Readings)
to 1	0+00		148-56 Rt	129-52	S50-30 E	

Sec. Tie

π @ sec. cor.						17-18-19-20, 17S4E.	granite rk.	3-24-23
F.S. on 1/2 sec. cor.				50-30E		1/4 bet 19-20, 17S4E		R.G. Woeste Chas. Lockhart O.L. Dotson
to witness mon	817.5						1" pipe	
to intersac mon	850.5						1" pipe	
π @ intersac mon								
F.S. on 1/2 sec. cor.						1/4 bet. 19-20, 17S4E		
to 373	549+11.0		96-05 Rt	179-13	N84-25W			
to intersac mon	1301.5		No Defl.	70.16	50-45E	50-47E	1" pipe	
to witness mon.	1327.5						1" pipe	
to 1/2 sec. cor.	1634.5					1/4 bet. 19-20, 17S4E.	do.	Rk mound (doubtful)

70.19

Co. Sta. Dist. Defl. Az. Mag. Co. True Bearing

Azimuth Checks.

π @ 1 0+00

F.S. on 947a
to A 21-13 R₇ 309-52 N50-15N
to 922 1581+893 20-37½ R 331-05 N29-00W
to A 30-51½ R 330-29½ N29-30W
to 49 58+829 340-43½ N19-30W
to 31 33+706 49-32 R 359-24 N0-45W
to sec. cor. ½ bet. 15-22 69-54 R 19-46 N19-30E
88-36 R 38-28 N38-30E

Section Tic.

π @ sec. cor. 16-17-20-21 1734E

F.S. on sec. cor. ¼ cor bet 20-21 1734E

to witness man 1424 ✓

to intersec. mon 482+575 1457 ✓

to interse

to intersec. mon

F.S. on sec. cor. ½ bet. 20-21

to 346 485+61.6 593 103-51 R N73-20W

to intersec. mon. 415+188 497 no deflection 7017 52-35W

to witness man 526 525 ✓

to sec. cor. ½ bet 20-21 754 ✓

Section Tic.

π @ sec. cor. 17-18-19-20

7175 R 4E

F.S. on ½ cor. 7175 R 4E

to witness man. 1008 ✓

to intersec. mon. 569+351 1041 ✓

to intersec. mon 576+945 1266 ✓

to witness man 1299 ✓

to ½ cor 2610 ✓

30-50-45 (4 Readings)

88-35-45 (4 Readings)

3-27-23 R. Waste, Chas. Lockhart
Chas. Dotson
Rk. mound with 1" dia. natural stake

52-35W 52-43W

1" pipe

1" pipe

1" pipe


1½" angle iron

Rk. mound (doubtful)

N89-36W

Co. Sta. Dist. Defl. Az. Mag. Co.

Azimuth Checks



 T @ 406 606+453
 F.S. on sec. cor. $\frac{1}{2}$ bet 18-19, 1754E ✓ 61-03 $\frac{1}{2}$ N61-25E
 to sec. cor. 17-18-19-20, 1754E ✓ 81-07 $\frac{3}{4}$ 20-06 $\frac{1}{2}$ R N81-30E
 to 239 319+416 194-36 $\frac{1}{4}$ 133-33R 514-55W
 to 227 243+410 270-41 $\frac{1}{4}$ 209-38R N89-00W
 to 210 (sub) 264+496.5 214-21R N84-20W
 to 103 119+95.5 219-27R N79-15W
 to 63 74+60.05 221-43R N77-05W
 to 441 Δ 283-13 $\frac{1}{4}$ 222-10R N76-35W Rky Pt.
 to 407 611+639 240-54R N57-50W

Azimuth Checks

T @ 239 319+416 553-45E
 F.S. on 240 320+589
 to sec. cor. 17-18-19-20, 1754E ✓ 49-38 $\frac{1}{2}$ L 76-19 $\frac{1}{4}$ N76-35E
 to sec. cor. $\frac{1}{2}$ bet 18-19, 1754E ✓ 74-55 $\frac{1}{2}$ L 51-02 $\frac{1}{4}$ N51-10E
 to 406 606+453 111-21 $\frac{1}{2}$ L 14-36 $\frac{1}{4}$ N14-30E
 to 441 200-20 $\frac{1}{2}$ L N74-15W Rky Pt.
 to 63 74+60.05 201-55 $\frac{1}{2}$ L N75-50W
 to 103 119+95.5 203-50 $\frac{1}{2}$ L N78-00W
 to 210 (sub) 264+496.5 206-28 $\frac{1}{2}$ L N80-30W
 to 239 (?) 319+416 206-39 $\frac{1}{2}$ L N80-30W

3-29-23
R.C. Wueste
Chas. Lockhart
of Dotson.

Co.	Sto.	Dist.	Defl.	Az.	Mag. Co.
Azimuth Checks.					
π @ 227	293+41.0				
FS. on 239	319+41.6			99-19 $\frac{1}{2}$	580-30E
to 406	606+45.3		8-38Lt	90-41 $\frac{1}{4}$	589-00E
to 500 cor.	17-18-19-20	1754E x	14-28 $\frac{1}{2}$ Lt	84-50 $\frac{3}{4}$	N85-00E
to 360 cor.	13-18-19-24		✓ 47-42Lt	52-37 $\frac{1}{4}$	N52-00E
to 424	653+22.3		152-48Lt		N53-30W
to 441 \textcircled{B}			171-4Lt		N72-00W
to 464	751+98.3		171-54Lt		N72-20W
to 210(sub)	264+96.5		179-40Lt		N80-20W

Azimuth Check

π @ 286	386+31.8				
FS. on 406	606+45.3			101-29 $\frac{1}{2}$	578-10E
to 287	387+14.6		1757 Rt	119-26 $\frac{3}{4}$	560-15E
to 360	517+41.9		115-14 $\frac{1}{2}$ Lt	346-15 $\frac{1}{2}$	N13-30W
π @ 360					
FS. on 286				346-15 $\frac{1}{2}$	N13-20W
to 361	519+94.2		75-50Lt	270-25 $\frac{1}{4}$	N89-15W

Azimuth Check

π @ 406	606+45.3				
FS. on 424	653+22.3			287-18 $\frac{3}{4}$	N72-30W
to 441 \textcircled{B}			4-05 $\frac{1}{2}$ Lt	283-13 $\frac{1}{4}$	N76-30W
to 227	293+41.0		16-37 $\frac{1}{2}$ Lt	270-41 $\frac{1}{2}$	N89-00W
to 286	386+31.8		185-49Lt	101-29 $\frac{3}{4}$	578-15E

3-30-23
 EC Woesta
 Ches. Lockhart
 OL. Dotson

new flag.

Rtx pt

Co. Sta. Dist. Defl. Az. Mag. Co.

Azimuth Check

T@ 424	653+223				
F.S. on 406	606+453				S 72-30 E
to 239	319+416	Not visible.			
to 227	293+41.0		19-13 RT		S 53-00 E
to 210(sub)	264+96.5		122-04 RT		S 49-45 W
to 300 cor.	13-14-23-24, 175 3E		145-14 RT		S 73-00 W
to 188	226+69.45		149-20 RT		S 76-45 W
to 103	119+95.5		169-45 RT		N 82-45 W
to 425	658+408		182-53 RT		N 69-30 W

Azimuth Check

T@ 210(sub)	264+96.5				
F.S. on 188	226+69.45				S 85-30 W
to 300 cor.	13-14-23-24, 175 3E	✓	0-27 RT	265-54	S 86-00 W
to 103	119+95.5		18-20 $\frac{1}{2}$ RT		N 76-15 W
to 63	74+60.05		20-37 RT		N 74-00 W
to A			22-16 $\frac{1}{2}$ RT		N 72-30 W
to 464	751+98.3		24-45 RT		N 70-00 W
to A			28-39 RT		N 66-00 W
to 424	653+223		143-54 RT	49-21	N 49-15 E
to 406	606+453		189-56 RT	95-23	S 84-30 E
to 239	319+416		194-02 RT		S 80-30 E
to 227	295+41.0		194-12 RT		S 80-30 E
to 209	264+38.1		17-45 RT		N 76-45 W
T@ 209					
F.S. on 210(sub)					
to 210	264+96.5		168-20 $\frac{1}{2}$ RT		S 88-30 E

3-30-23

Rky Pt.

Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
Azimuth Check					
π @ 441	698+03.6				
FS on 406	606+453				S 76-40 E
to 239	319+41.6		2-25 $\frac{1}{2}$ RT		S 74-10 E
to 227	293+41.0		4-48 RT		S 71-40 E
to 210(sub)			10-54 RT		S 65-30 E
to sec. cor.	13-14-23-24	175.3 E	40-43 $\frac{1}{2}$ RT		S 35-50 E
to 188	226+69.45		87-52 RT		S 11-20 W
to 103			171-43 RT		N 85-00 W
to 63			179-02 RT		N 77-30 W
to Δ			182-12 $\frac{1}{2}$ RT		N 74-25 W
to 464	751+98.3		183-15 RT		N 73-20 W
to 442	698+47.7		216-00 RT		N 40-30 W

Azimuth Check

π @ 188	226+69.45				
FS on 464	751+98.3				N 40-20 W
to 441	698+036		60-05 RT		N 11-45 E
to 424	653+223		125-38 RT		N 77-30 E
to 210(sub)			134-27 RT		N 86-20 E
to 189	226-64.75		159-59 RT		S 68-15 E

Azimuth Check

π @ 464	751+98.3				
FS on 441	698+036				S 73-20 E
to sec. cor.	13-14-23-24	175.3 E	12-53 RT		S 60-30 E
to 188	226+69.45		24-32 RT		S 49-00 E
to 103			112-23 RT		S 38-45 W
to 63			171-39 $\frac{1}{2}$ RT		N 82-00 W
to Δ			178-20 RT		N 75-05 W
to 465	753-78.5		190-23 $\frac{1}{2}$ RT		N 63-15 W

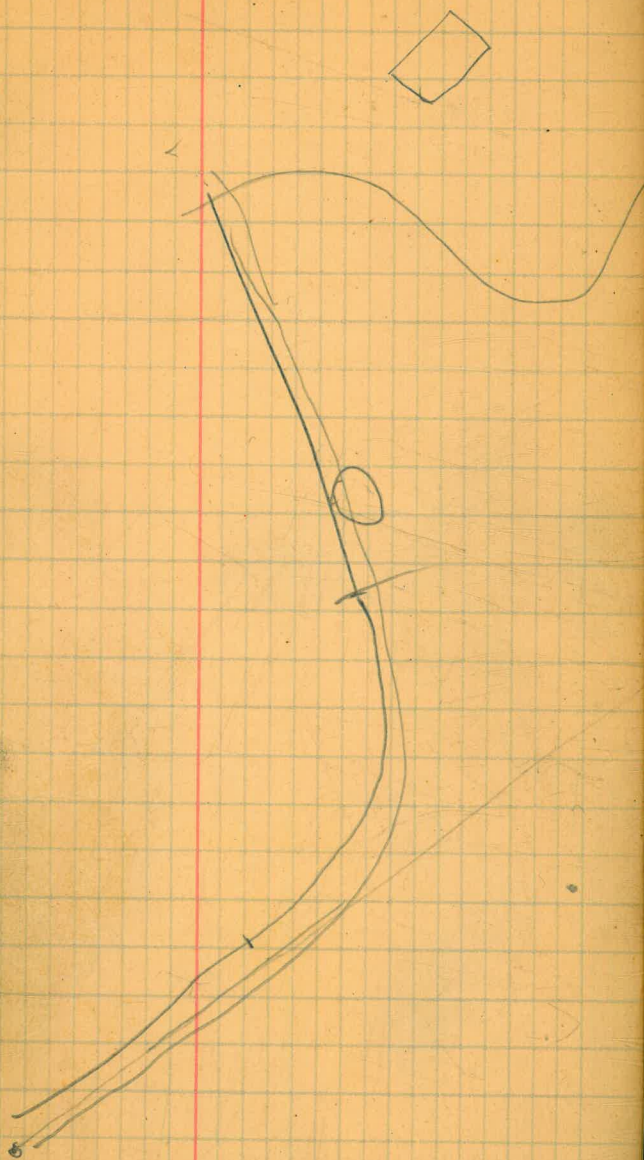
Co.	Sta.	Dist.	Defl.	Az.	Mag. Co.
Azimuth Checks.					
Σ @ 103	119+95.5°				
FS on 63				291-10 $\frac{1}{2}$	N 67-45 W
to Δ			1-47 Rt		N 66-00 W
to 507 \textcircled{B}			19-53 $\frac{1}{2}$ Rt		N 47-45 W
to sec. cor.	460+10-15	175 SE	91-10 Rt	322-20 $\frac{1}{2}$	N 36-30 W
to 464			107-40 Rt		N 40-00 E
to 441			163-46 Rt		S 84-00 E
to 424			165-53 $\frac{1}{2}$ Rt		S 81-50 E
to 406			169-20 Rt		S 78-15 E
to 227			171-33 $\frac{1}{2}$ Rt		S 76-00 E
to 210 (306)			172-39 Rt		S 75-00 E
to 164			184-33 Rt		S 63-00 E

Azimuth Checks

Σ @ 507	843+65.0				
FS on sec. cor.	460+10-15				N 84-00 E
to 103			47-28 Rt		S 48-40 E
to 63			81-13 $\frac{1}{2}$ Rt		S 14-45 E
to 49			90-37 Rt		S 5-30 E
to 1			93-16 Rt		S 2-50 E
to 947a			101-50 Rt		S 5-45 W
to 922			116-12 Rt		S 30-10 W
to Δ			154-12 Rt		S 58-10 W
to 508	845+46.0°		201-29 $\frac{1}{2}$ Rt		N 74-45 W

Azimuth Checks

Σ @ 563	944+429				
FS on 777	1352+689			251-34 $\frac{1}{2}$	S 71-30 W
to 738	1290+396		97-49 $\frac{1}{2}$ Rt	289-24	N 70-35 W
to 564	946+549		114-99 Rt	6-13 $\frac{1}{2}$	N 6-00 E



573-967+30.5
37.9
+69.4

165 60 300 170 175 140
45 26 37 36 12 18
160.8 57.4 2963 166.4 172.8 133.2

85 120 125 95 297 255
27 46 29 12 195 11
82.3 115.9 122.1 938 357.2 253.2

220 1352 85 215 355.2 165
06 43 15 31
219.4 130 80.8 213.5 175 1619

270 300 126.4 235 195 172.4 135
9.7 22 121 106
260.3 297.8+ 75 222.9 182.9 124.4
84.2 115

382.0 63.4 100 280
20 11.5 11.6
362.0 296.8 88.5 268.4

2571+ 1453+ 106.8+
1054 290.6 287.6+
362.5 435.9 145.7
540.1

88 84.06 1-40 Lt.
1368 0.48 (1-34 Lt to oldmons.)
1199 1.40
3647 86-34 Lt.
Bob moond

1300 1300 104-121+31.4 1717
307 202 44.4 892.0
993 @3-50 994 120+87.0

985

90-24
180
270 24

202' N89-50E 2267
1320
752.2
182

1704
60
1764
63.4
2398
122
55
780
1560

13 1330
64 10.13
66 317
2 2
1320 634

N86-20E
416-629+224 - 318
3+17.0
728
412 626+05.4
316

1752

