W169

1, SAN VICENTE
169

169

~~35°51'30"~~
74° 20'
43° 44'

11-50
2)23-40
11 50

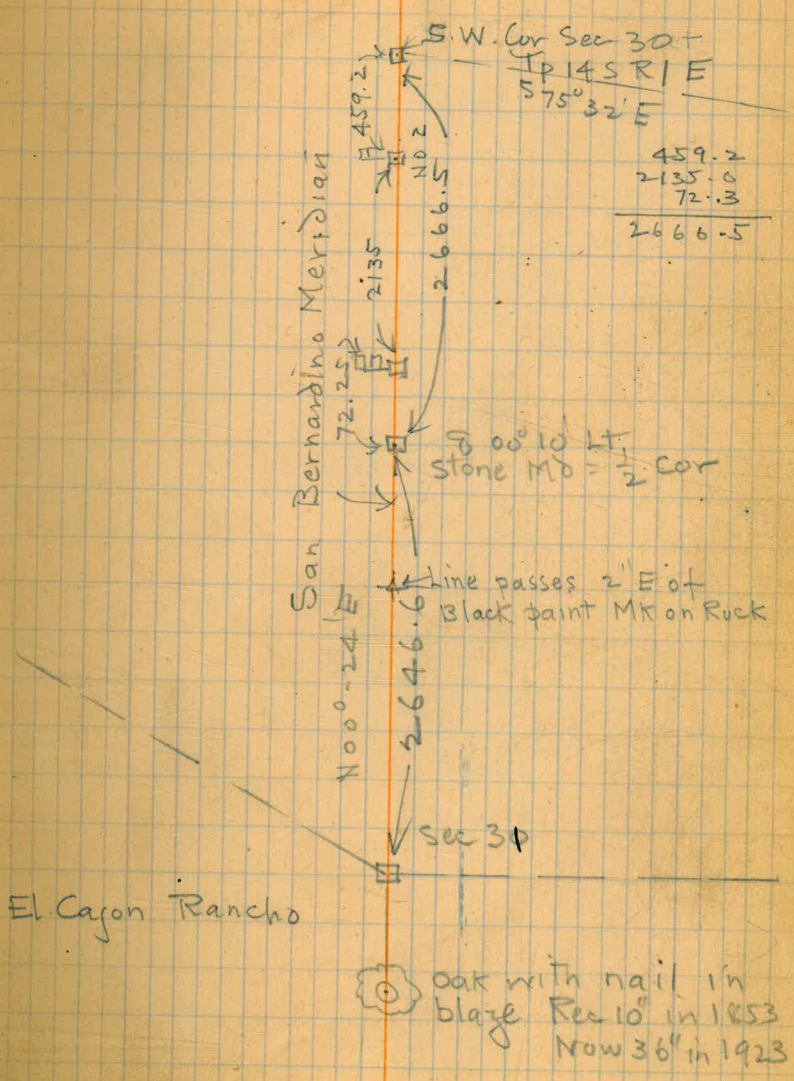
MICROFILMED
JAN 8 1965

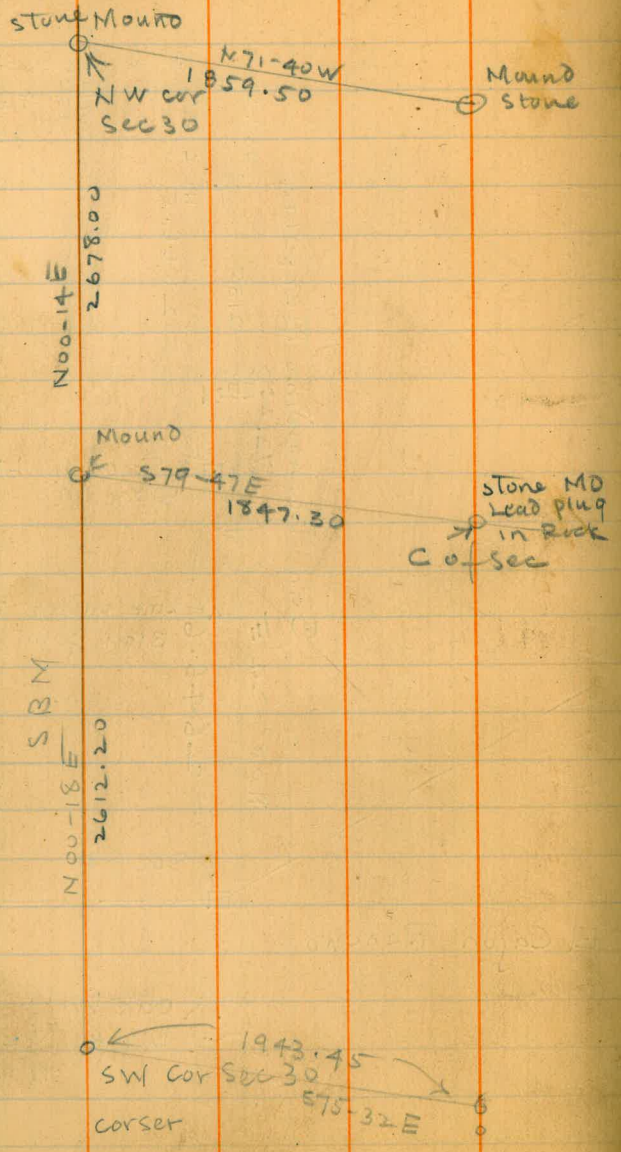
#169

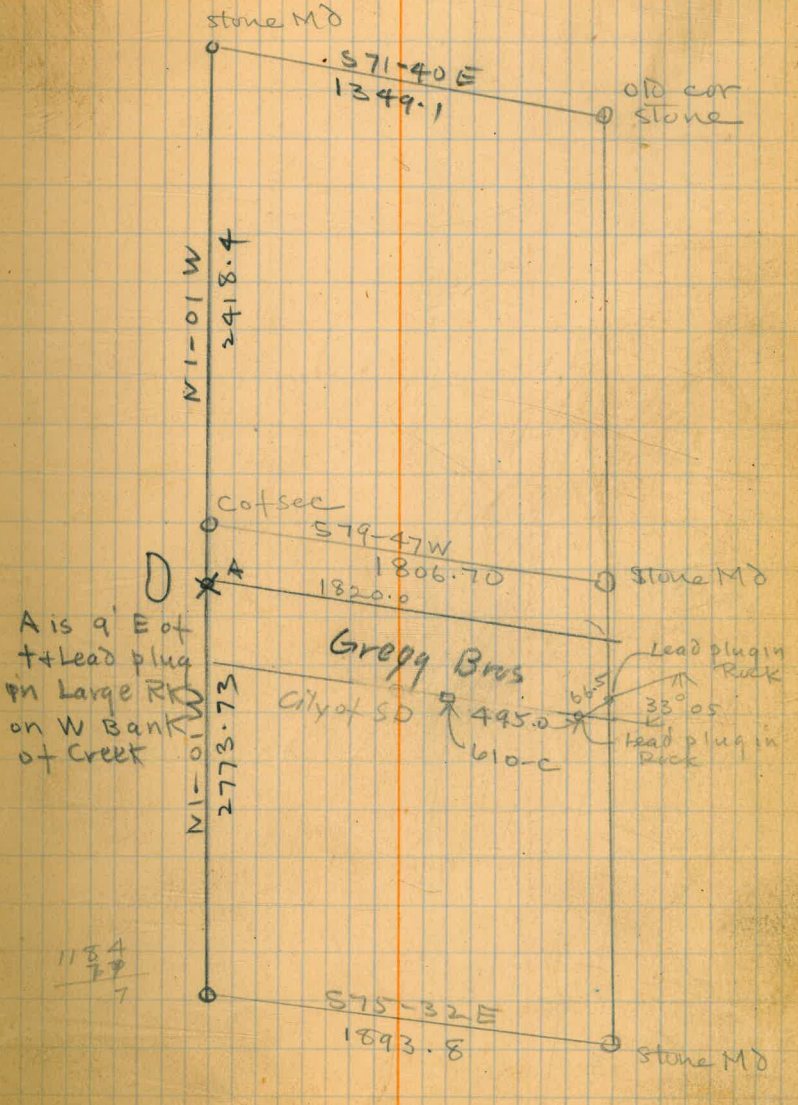
Index.

Thurs. Sept 6/23
San Vicente Dam Site + Res.

Dug for Cor, see opp page, found rolled 3"x5" R.W. Stk, with nail in top, 1 ft below surface. Built cairn and set $\frac{7}{8}$" iron rod top of nail. Rod is 18" long and shows above ground.



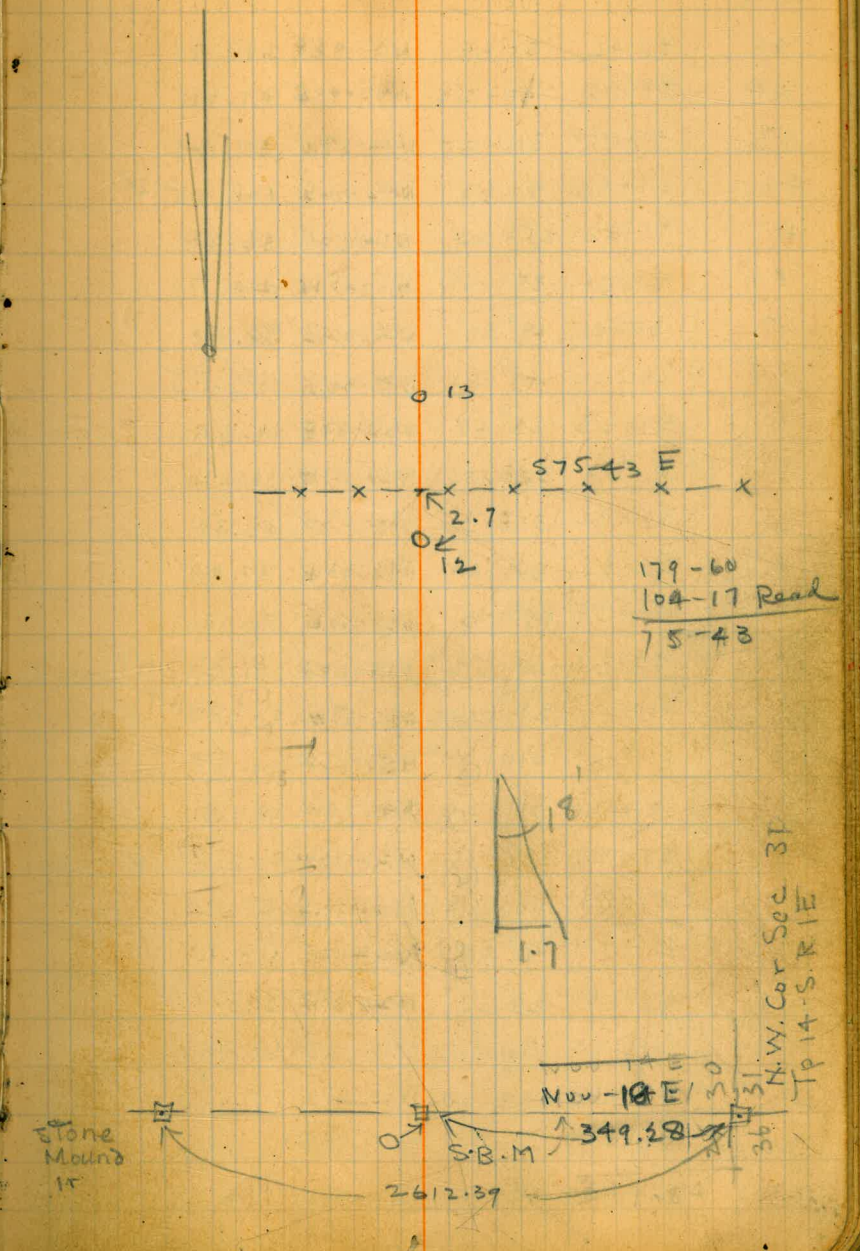

Stone Mound
N71-40W
1859.50
NW cor
Sec 30
Mound
Stone
N00-14W
2678.00
Mound
S79-47E
1847.30
Stone MD
Lead plug
in Rock
C o Sec
S00-01W
2612.20
1943.45
SW Cor Sec 30
S75-32E
corser


Stone MD
S71-40E
1349.1
old cor
Stone
N1-01W
2418.4
Cor sec
S79-47W
1806.70
Stone MD
1820.0
A
D
A is 9' E of
+ Lead plug
in Large Rk
on W Bank
of Creek
Gregg Bros
City of SD
495.0
610-C
Lead plug in Rock
64.5
33°05
Lead plug in Rock
N1-01W
2773.73
S75-32E
1893.8
Stone MD

610 Contour Trav.

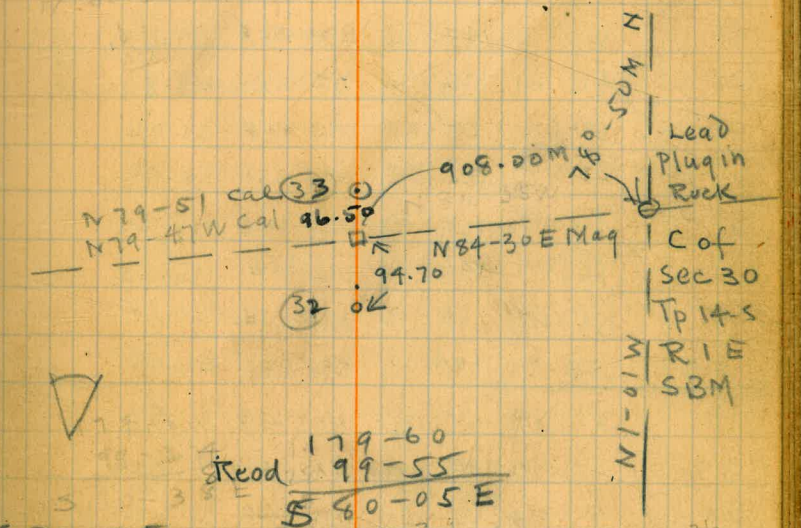
Sta	Tan	Vern	Co	Dist	M. Co
20	20-21	311-47	N48-46W	57.00	
19	19-20	327-53	N32-40W	48.95	
18	18-19	357-59	N2-34W	98.50	
17	17-18	347-39	N12-54W	59.43	
16	16-17	359-22	N1-11W	46.59	
15	15-16	33-27	N32-59E	127.85	
14	14-15	8-53	N8-20E	126.61	✓
13	13-14	355-13	N5-20W	133-62	
12	12-13	29-37	N29-04E	77.93	
11	11-12	49° 45	N49-12E	112.29	
10	10-11	59-10	N58-37E	113.54	
9	9-10	93-55	S86-38E	94.15	
8	8-9	149° 43	S30-50E	123.19	
7	7-8	114° 37	S65-56E	99.20	
6	6-7	137-37	S42-56E	116.45	S 55° 30E
5	5-6	68-54	N68-21E	141.91	
4	4-5	38° 50	N38-17E	55.67	
3	3-4	34° 38	N34-05E	137.65	
2	2-3	48° 40	N48-07E	64.33	
1	1-2	65° 30	N64-57E	37.27	N 51° E
0	0-1	75° 20	N74-47E	54.99	
		74-47			

Com at int. 610 Contour with S.B.M
N Side Res.



Sta	Tan	Vern	Co	Dist	
45	45-46	5-38	N5-05E	247.49	
44	44-45	49-22	N48-49E	41.00	
43	43-44	316-35	N43-58W	47.46	
42	42-43	4-35	N4-02E	121.75	✓
41	41-42	25-25	N24-52E	53.59	
40	40-41	353-08	N7-25W	44.71	
39	39-40	28°35	N28-02E	88.49	
38	38-39	49°21	N48-48E	133.75	
37	37-38	65°40	N65-07E	61.39	
36	36-37	329-56	N30-37W	166.10	
35	35-36	325-35	N34-58W	90.40	
34	34-35	347-00	N13-33W	89.45	
33	33-34	25°53	N25-20E	80.96	
32-	32-33	69-58	N69-25E	191.20	Tie to ½
31	31-32	292-35	N67-58W	72.50	
30	30-31	310-00	N50-33W	72.35	
29	29-30	319-20	N41-13W	107.84	
28	28-29	338-15	N22-28W	125.38	✓
27	27-28	00-35	N00-02E	88.74	
26	26-27	9°45	N9-12E	118.17	
25	25-26	25°31	N24-58E	275.00	
24	24-25	30°49	N30-16E	68.75	
23	23-24	344-20	N16-03W	156.68	
22	22-23	17-45	N17-12E	115.90	
21	21-22	348-53	N11-40W	160.38	

8



S 60-05 E
79-65
79-51
-14

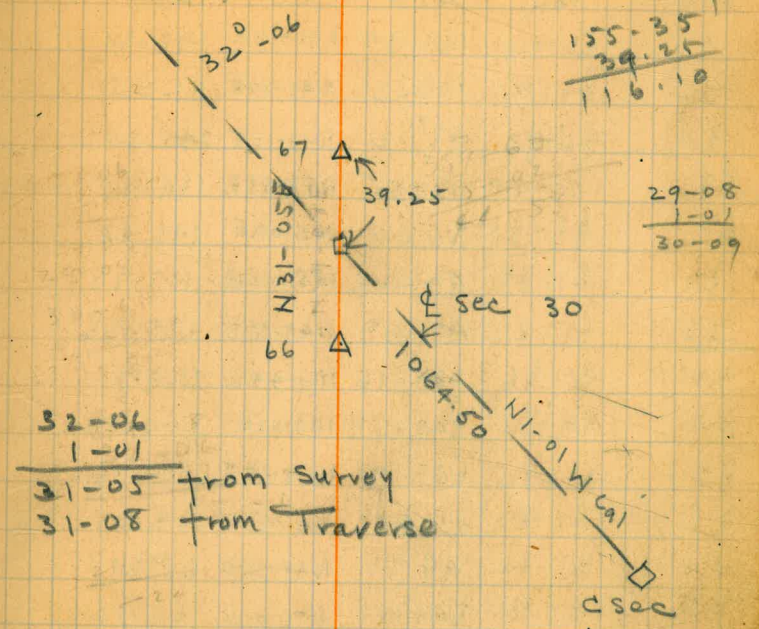
Read 179-60
99-55
S 60-05 E

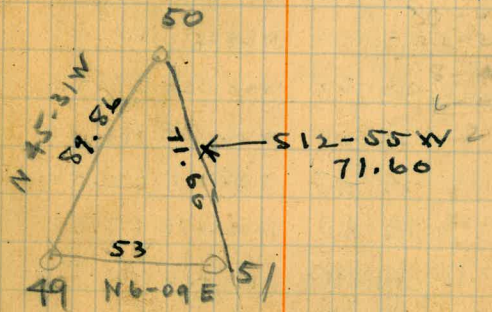
79-65
79-51
14

60-05
79-65
75-57

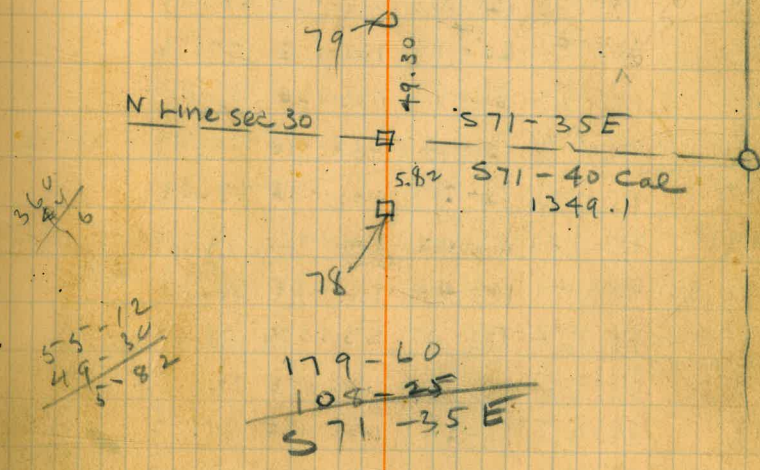
191.20
94.70
96.50

Sta	Tan.	Vem	Co	Dist
			1	
67	67-68	8-41	N8-41E	239.42
66	66-67	31-05	N31-05E	155.35
67	67-68	8-44	N8-44E	239.42
66	66-67	31-08	N31-08E	155.35
65	65-66	75-10	N75-10E	41.10
64	64-65	149-08	S30-52E	240.40
63	63-64	161-19	S18-43E	57.64
62	62-63	192-40	S12-40W	45.09
61	61-62	145-10	S34-50E	189.68
60	60-61	175-00	S5-00E	69.93
59	59-60	65-43	N65-43E	31.06
58	58-59	85-35	N85-35E	36.99
57	57-58	129-48	S50-12E	45.60
56	56-57	143-10	S36-50E	115.55
55	55-56	69-10	N69-10E	54.35
54	54-55	104-15	S75-45E	53.08
53	53-54	25-33	N25-00E	72.50
52	52-53	44-30	N43-57E	43.32
51	51-52	69-25	N68-52E	51.32
49	49-51	6-42	N6-09E	53.00
(49	49-50	315-02	N45-31W	89.86) Fly
48	48-49	333-43	N26-50W	38.61
47	47-48	294-10	N66-23W	39.63
46	46-47	338-28	N22-05W	81.21





Sta	Tan	Vann	Co	Dist	
93	93-94	143-44	S36-16E	296.21	
92	92-93	138-30	S41-30E	91.55	
90	90-92	47° 12	N47-12E	245.20	
89	89-90	57-55	N57-55E	134.25	
88	88-89	3-00	N3-00E	146.69	
87	87-88	94-38	S85-22E	127.78	
86	86-87	47-37	N47-37E	139.38	
85	85-86	298-16	N61-44W	91.97	
84	84-85	340-59	N19-01W	204.90	
83	83-84	24-19	N24-19E	105.79	
82	82-83	2-45	N2-45E	107.27	
81	81-82	44-15	N44-15E	65-67	
80	80-81	344.00	N16-00W	60.12	
79	79-80	12-57	N12-57E	97.55	
78	78-79	25-57	N25-57E	55.12	
77	77-78	40-10	N40-10E	98.27	
76	76-77	331-20	N28-40W	111.39	
75	75-76	23-55	N23-55E	73.46	
74	74-75	28-10	N28-10E	163.20	
73	73-74	94-45	S85-15E	62.46	
72	72-73	14-45	N14-45E	67.51	
71	71-72	17-45	N17-45E	81.52	
70	70-71	27-18	N27-18E	150.39	
69	69-70	10-05	N10-05E	194.51	N5-0W
68	68-69	25-57	N25-57E	117-00	
		8-41			

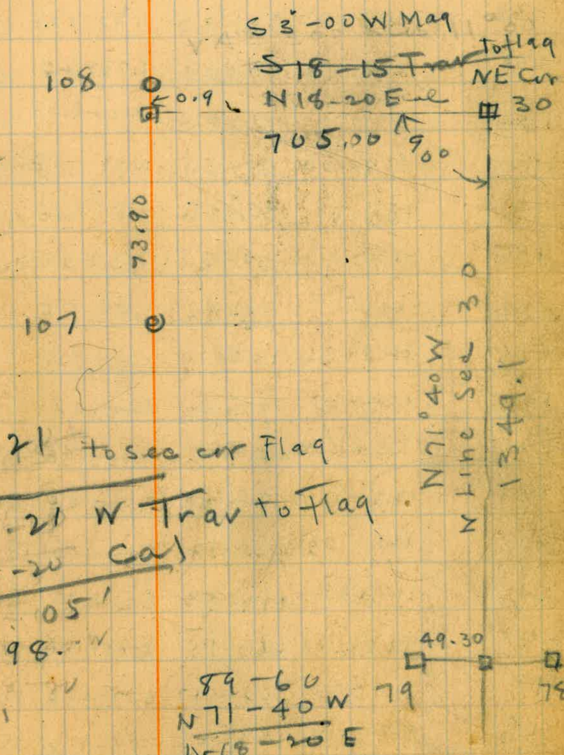


Sta	Tan	Vern	Co	Dist
115	115-16	204-27	S24-27W	104.39
114	114-15	122-04	S57-56E	97.68
113	113-14	202-00	S22-00W	213.11
112	112-13	96-30	S83-30E	115.08
111	111-12	144-53	S35-07E	151.22
110	110-11	73-40	N73-40E	74.91
109	109-10	151-05	S28-55E	72.84
108	108-109	52-51	N52-51E	184.38
107	107-108	70-44	S70-44W	✓ S55 15W
→		+		←
107	107-108	70 45	N70 45E	74.80
106	106-7	152-30	S27 30E	132.74
105	105-6	162 17	S17 43E	49.78
104	104-5	141-45	S38-15E	78.49
103	103-4	61-10	N61-10E	177.68
102	102-03	86-13	N86-13E	75.50
101	101-102	144-30	S35-30E	74.78
100	100-101	98-29	S81-31E	68.09
99	99-100	153-42	S26-18E	54.51
98A	98A-99	148-44	S31-16E	51.28 ✓
98	98-98A	188-05	S8-05W	98.39
97	97-98	155-20	S24-40E	126.59
96	96-97	88-43	N88-43E	89.55
95	95-96	139-19	S40-41E	65.00
94	94-95	184-42	S4-42W	70.93

70-44
55-16
15-34

← cor bearing from Tie

18-20
52-24
S 70-44 W

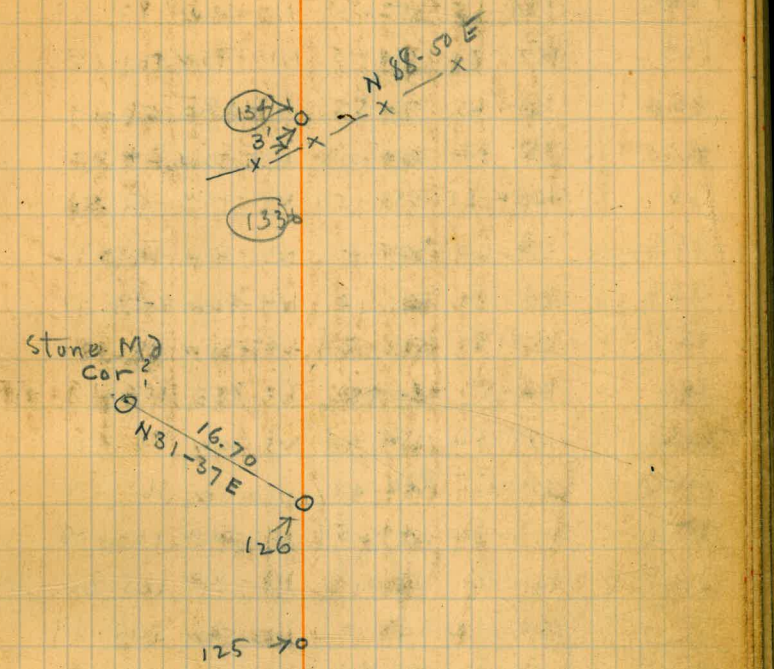


Ar108 - 198-21 to sec cor Flag
180
S 18-21 W Trav to Flag
18-20 Cal
05'

1+108 - 198-

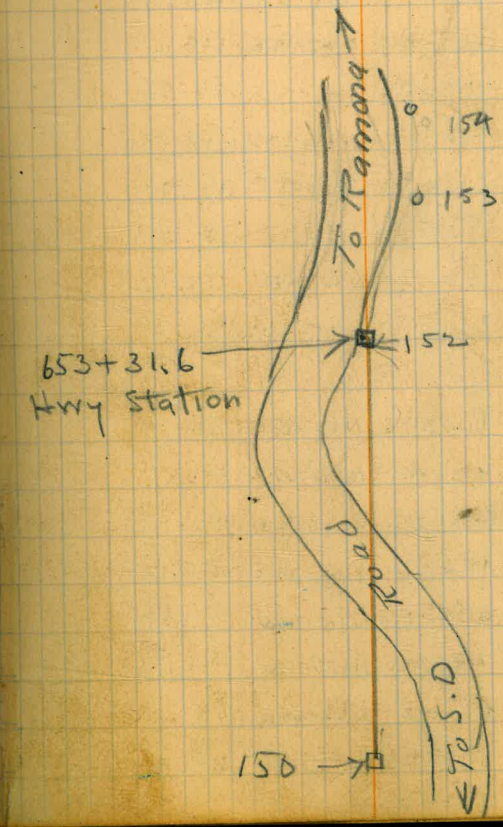
89-60
N71-40W
N18-20E

Sta	Tan	Vem	Co	Dist	
139	139-40	13-17	N13-17E	76.19	
138	138-39	22-35	N22-35E	85.79	
137	137-38	64-18	N64-18E	122.65	
136	136-37	36-08	N36-08E	185.57	
135	135-36	84-27	N84-27E	130.89	
134	134-35	39-15	N39-15E	164.09	
133	133-34	51-22	N51-22E	111.63	
132	132-33	33-28	N33-28E	124.47	
131	131-32	73-04	N73-04E	165.68	
130	130-31	00-02	N00-02E	67.48	N15-05W
129	129-30	33-55	N33-55E	50.28	
128	128-29	59-16	N59-16E	118.71	
127	127-28	27-55	N27-55E	142.56	
126	126-7	58-18	N58-18E	65.80	Tie
125	125-26	128-10	S51-50E	92.86	
124	124-25	135-41	S44-19E	52.31	
123A	123A-24	167-01	S12-59E	61.15	
123	123-123A	174-25	S5-35E	60.20	
122	122-23	224-10	S44-10W	79.08	
121	121-22	177-50	S2-40E	305.20	
120	120-21	66-15	S66-15E	50.21	N50-40E
119	119-20	102-17	S77-43E	104.91	
118	118-19	123-28	S56-32E	156.63	
117	117-18	157.33	S22-27E	62.31	
116	116-17	126-23	S53-37E	112.80	
		204-27			



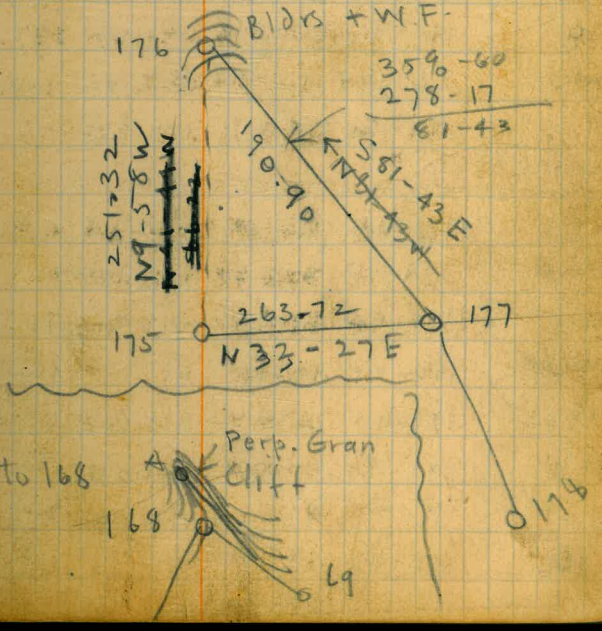
Sta	Tan	Vam	Co	Dist	
164	164-65	352-38	N7-22W	82.59	
163	163-64	349-15	N10-45W	107.65	
162	162-63	7-35	N7-35E	56.09	
161	161-62	304-08	N55-52W	34.02	
160	160-61	359-50	N00-10W	50.81	
159	159-60	329-40	N30-20W	143.12	
158	158-59	341-18	N18-42W	294.01	
157	157-58	312-24	N47-36W	88.98	
156	156-57	3-45	N3-45E	104.19	
155	155-56	354-40	N5-20W	76.48	
154	154-55	339-49	N20-11W	163.24	
153	153-54	349-54	N10-06W	102-08	
152	152-53	00-20	N00-20E	135.80	N15° out
150 →	150-152	347-06	N12-54W	509.49	
149	149-50	23-40	N23-40E	48.18	
148	148-49	291-02	N68-58W	32.10	
147	147-48	00-40	N00-40E	105.66	
146	146-47	26-30	N26-30E	164.78	
145	145-46	335-20	N24-40W	25.85	
144	144-45	11-30	N11-30E	28.53	
143	143-44	302-32	N57-28W	104.61	
142	142-43	358-15	N1-45W	136.81	
141	141-42	20-37	N20-37E	240.48	
140	140-41	341-20	N18-40W	69.34	

13-17



Sta	Tan	Vern	Co	Dist	
185	185-86	71-06	N71-06E	176.79	
184	184-85	65-36	N65-36E	190.89	
183A	183A-84	58-49	N58-49E	30.83	
183	183-83A	110-35	S69-25E	37.70	
182	182-83	101-54	S78-06E	108.19	
181	181-82	122-43	S57-17E	51.51	
180	180-81	134-55	S45-05E	98.72	
179	179-80	42-00	N42-00E	161.49	
178	178-79	54-15	N54-15E	112.38	
177	177-78	102-04	S77-56E	243.79	N87-60E
(~~177~~	~~177-176~~	~~278-17~~		~~190.90~~)	Fly
175	175-177	33-27	N33-27E	263.72	
174-A	174A-75	3-08	N3-08E	96.78	
174	174-74A	5-23	N5-23E	32.28	
173	173-74	36-24	N36-24E	73.12	
172	172-73	324-30	N35-30W	82.44	
171	171-72	16-37	N16-37E	204-91	
170	170-71	326-45	N33-15W	51.31	
169	169-70	347-24	N12-36W	93.85	
168	168-69	15-20	N15-20E	155.25	
167A	167A-68	284-30	N75-30W	70.84	
167	167-167A	294-05	N65-55W	31.98	167 on RR int
166	166-67	323-12	N36-48W	89.05	
165	165-66	336-05	N23-55W	67.18	
		352-38			

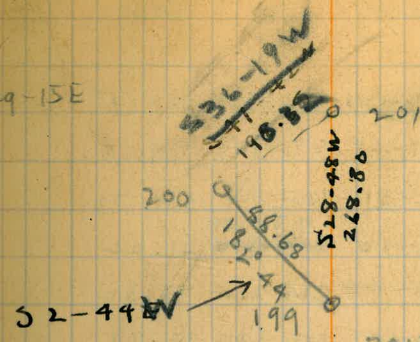
Elev 185 = 615.66



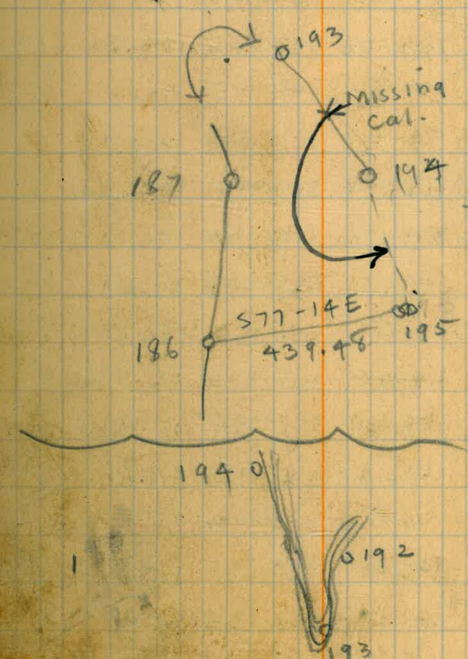
Sta	Ton	Vam	Co	Dist	
208	208-09	146-30	S33-30E	155.88	
207	207-08	182-33	S 2-33W	237.72	S13-30E
206	206-7	191-00	S11-00W	143.05	S5-30E
205	205-6	213-40	S33-40W	50.18	
204	204-5	241-30	S61-30W	73.22	
203	203-4	249-20	S69-20W	110.51	
202	202-3	258-52	S78-52W	124.45	
201	201-2	262-29	S82-29W	117.71	
199	199-201	208-48	S28-48W	268.38	
198	198-99	198-05	S18-05W	44.68	
197	197-98	242-11	S62-11W	137.11	
196	196-97	224-40	S44-40W	134.07	
195	195-96	222-15	S42-15W	277.66	
—186	~~186-95~~	~~102-46~~	~~S77-14E~~	~~439.48~~	—
	185-86	71-06	N71-06E		
193	193-94	158-00	S22°00E	489.66	
192	192-93	2-20	N2-20E	285.18	
191	191-92	17-10	N17-10E	70.60	
190	190-91	43-15	N43-15E	96.46	
189	189-90	25-04	N25-04E	151.30	
188	188-89	45-04	N45-04E	179.82	
187	187-88	43-20	N43-20E	224.79	
186	186-87	52-11	N52-11E	113.52	
		71-06			

S49-15E

359-60
282-44
N77-16W 15



across Cañon
291.8 x cos 10°35 = 286.05
163.8 x cos 21°30 = 153.43
Tan 186-195 = 439.48

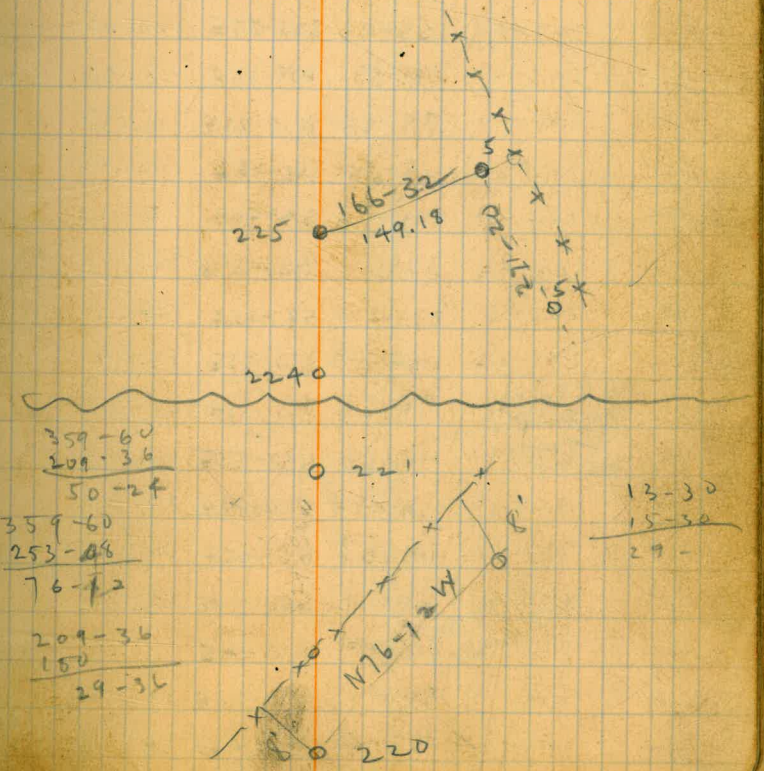


983
291
983
8847
1966
286.053

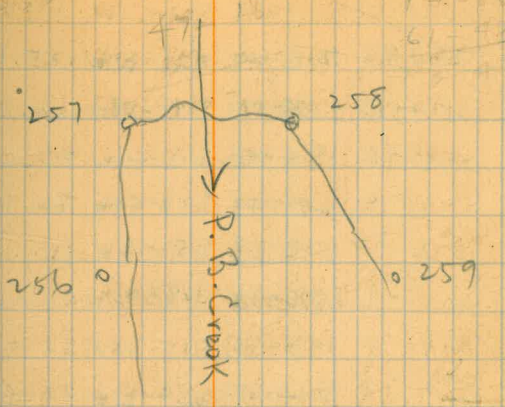
.9367
163.8
74936
28101
56202
9367
15343146

Sta	Tan	vern	Co	Dist	
232	232-33	117-30	S62-30E	345.78	
231	231-32	107-45	S72-15E	184.13	
230	230-31	51-11	N51-11E	301.72	
229	229-30	72-10	N 72-10E ~~S49-30W~~	41.00	
228	228-29	135-40	~~S44-20E~~	79.30	
227	227-24	71-34	N71-34E	72.99	
226	226-27	140-25	~~S39-35E~~	46.47	
225	225-26	74-40	~~N74-40E~~	113.35	N59E
224	224-25	102-06	~~S77-54E~~	106.80	
223	223-24	130-50	~~S49-10E~~	77-48	
222	222-23	79-28	~~N79-28E~~	149.39	
221	221-22	118-22	~~S61-38E~~	107.04	
220	220-21	210-16	~~S30-16W~~	192.25	
219	219-20	153-31	~~S26-29E~~	59.08	
218	218-19	93-55	~~S86-05E~~	172.09	
217	217-18	62-25	N62-25E	53.58	
216	216-17	118-21	~~S61-39E~~	75.81	
215	215-16	156-25	~~S23-35E~~	48.60	
214	214-15	190-05	S10-05W	317.90	
213	213-14	142-21	~~S37-39E~~	142.76	
212	212-13	141-47	~~S32-13E~~	325.70	
211	211-12	166-05	~~S13-55E~~	183.75	
210	210-11	189-30	S9-30W	133.20	
209	209-10	134-48 146-30	~~S45-12E~~	249.69	

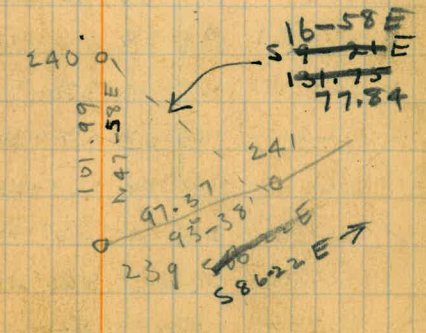
Sunrise



Sta	Tan	Vern	Co	Dist	
257	257-58	~~201-58~~	S21-58W	138.00	
256	256-57	141-20	S38-40E	235.25	
255	255-56	110-01	S69-59E	132.15	
254	254-55	~~187-37~~	S7-37W	32.09	
253	253-54	59-57	N59-57E	72.35	
252	252-53	101-1[illegible]	S78-49E	50.64	
251	251-52	152-44	S27-16E	51.66	
250	250-51	171-03	S8-57E	62.55	
249	249-50	77-08	N77-08E	87.21	
248	248-49	153-03	S26-57E	106.08	
247	247-48	18-59	N18-59E	68.94	N4-30E
246	246-47	75-22	N75-22E	111.48	
245	245-46	118-55	S61-05E	106.41	
244	244-45	175-20	S4-40E	130.62	
243	243-44	37-58	N37-58E	74.11	N23-45E
242	242 43	87-42	N87-42E	123.51	
241	241-42	104-33	S75-27E	67.84	
239	239-41	94-28	S85-32E	97.37	
(239	239-40	47-58	N47-58E	101.99	
238	238-39	120-02	N59-58E	49.09	
237	237-38	68-05	N68-05E	66.62	
236	236-37	89-25	N89-25E	191.02	
235	235-36	68-34	N68-34E	65.68	
234	234-35	93-40	S86-20E	117.46	
233	233-34	82-48	N82-48E	167.11	
		117-30			



179-60
93.38
86-22

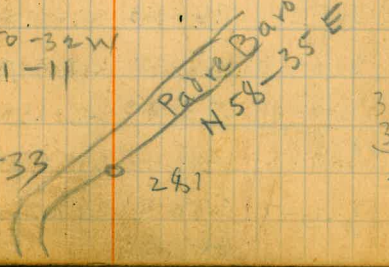


Sta	Tan	Vern	Co	Dist	
280	280-81	216-45	S36-45W	125.08	
279	279-80	258-28	S78-28W	49.02	
278	278-79	182-42	S2-42W	85.06	
277	277-78	210-49	S30-49W	86.64	
276	276-77	233-13	S53-13W	172.55	
275	275-76	276-15	N83-45W	92.36	
274	274-75	195-33	S15-33W	59.95	
273	273-74	214-43	S34-43W	90.49	273 = OD Padre Barona Rd (Com Mon AM)
272	272-73	221-38	S31-38W	164.37	
271	271-72	268-51	S88-51W	179.68	S73-00W
270	270-71	197-01	S17-01W	89.10 ✓	
269	269-70	193-24	S13-24W	142.77	
268	268-69	261-14	S81-14W	183.68	
267	267-68	193-28	S13-28W	63.70	
266	266-67	216-46	S36-46W	44.94	
265	265-66	273-26	N86-34W	68.00	
264	264-65	193-33	S13-33W	131.41	
263	263-64	250-13	S70-13W	98.32	
262	262-63	189-03	S9-03W	57.79	
261A	261A-62	243-40	S63-40W	54.31	
261	261-61A	247-45	S67-45W	193.05	
260	260-61	261-21	S81-21W	198.38	
259	259-60	278-35	N81-25W	221.91	
258	258-59	294-13	N61-47W	295.00	
		201-58			

Sta	Tan	Vem	Co	Dist
305	305-6	248-33	S68-33W	85.96
304	304-5	301-33	N58-27W	106.00
303	303-4	252-51	S72-51W	67.02
302	302-3	292-22	N67-38W	75.09
301	301-2	258-58	S78-58W	84.50
300	300-1	286-05	N73-55W	43.69
299	299-300	236-38	S56-38W	43.59
298	298-99	226-15	S46-15W	61.00
297	297-98	236-08	S56-08W	64.74
296	296-97	296-48	N63-12W	58.01
295	295-96	315-15	N44-45W	142.56
294	294-95	234-33	S54-33W	58.59
293	293-94	289-38	N70-22W	124.09
292	292-93	163-19	S16-41E	94.70
291	291-92	195-43	S15-43W	78.95
290	290-91	251-30	S71-30W	120.22
289	289-90	162-18	S17-42E	67.10
288	288-89	169-08	S10-52E	93.25
287	287-88	193-48	S 13-48W	73.98
286	286-87	127-56	S52-04E	67.45
285	285-86	80-13	N80-13E	49.19
284	284-85	111-33	S68-27E	98.94
283	283-84	158-33	S21-27E	77.67
282	282-83	185-23	S5-23W	129.49
281	281-82	213-00	S33-00W	116.66
		216-45		

281 to 150 = 311 - 11

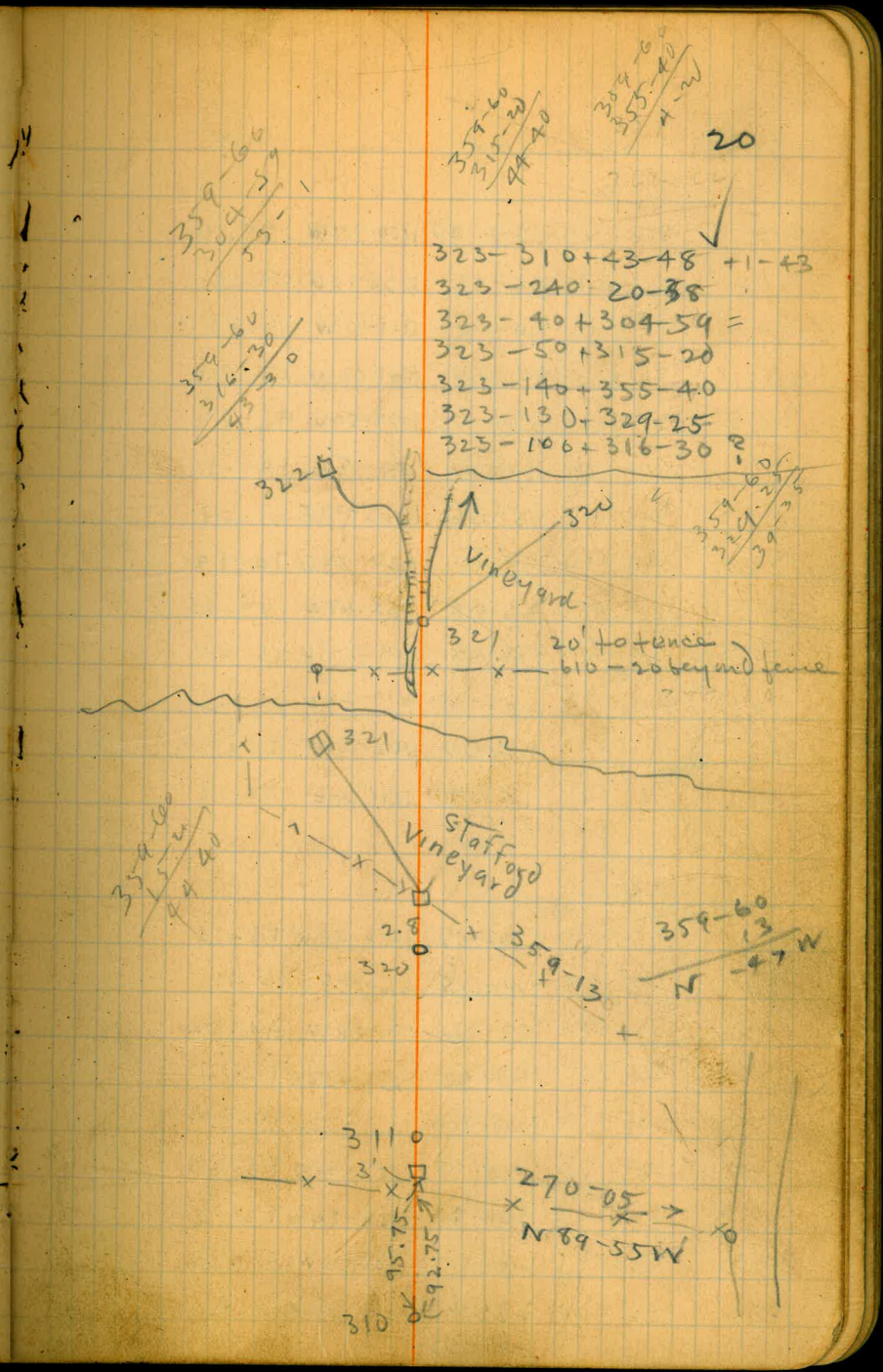
281 To 140 - 292-33



359-60
292-33
67-27

359-60
311-11
49-49

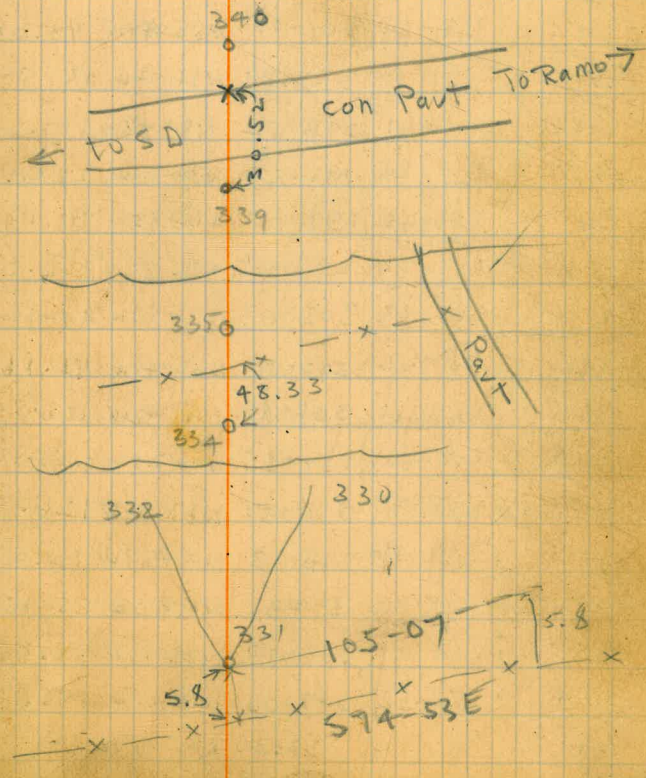
Sta	Tan	Vam	Co	Dist
330	330-31	203-32	S23-32W	308.39
329	329-30	239-37	S59-37W	78.72
328	328-29	192-45	S12-45W	154.30
327	327-28	298-48	N61-12W	67.89
326	326-27	243-13	S63-13W	283.43
325	325-26	217-57	S37-57W	97.59
324	324-25	233-45	S53-45W	63.10
323	323-24	297-38	N62-22W	53.48
322	322-23	5-11	N5-11E	73-07
321	321-22	306-43	N53-17W	301.10
320	320-21	203-59	S23-59W	225.20
319	319-20	245-43	S65-43W	107.60
318	318-19	262-56	S82-56W	91.79
317	317-18	206-59	S26-59W	99.06
316	316-17	256-21	S76-21W	70.53
315	315-16	297-48	N62-12W	230.29
314	314-15	239-32	S59-32W	151.54
313	313-14	169-05	S10-55E	269.63
312	312-13	141-35	S38-25E	183.45
311	311-12	157-38	S22-22E	109.19
310	310-11	176-03	S3-57E	182.93
309	309-10	196-59	S16-59W	68.48
308	308-9	223-23	S43-23W	58.00
307	307-8	198-13	S18-13W	69.96
306	306-7	237-23 248-33	S57-23W	63.62



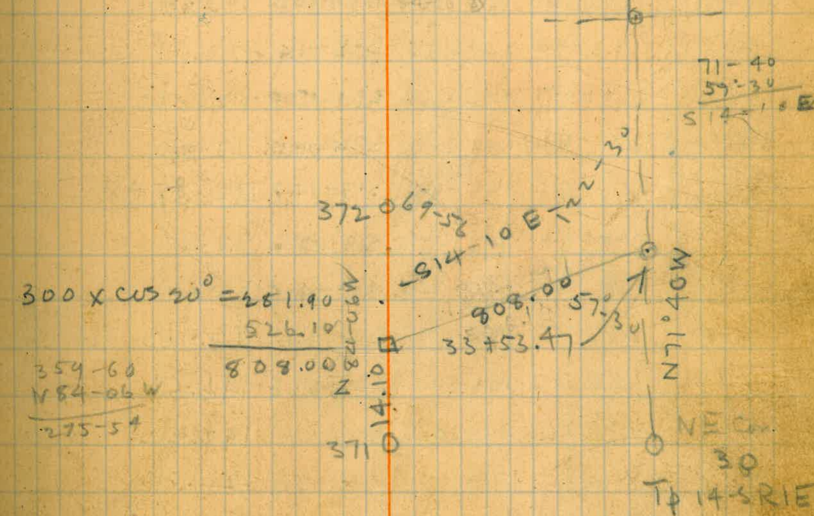
Sta	Tan	Vern	Co	Dist
352	352-53	359.23	N00-37W	155.21
351	351-52	36-10	N36-10E	59.19
350	350-51	342-50	N17-10W	81.80
349	349-50	41-43	N41-43W	64.38
348	348-49	331-06	N28-54W	45.64
347	347-48	4-58	N4-58E	141.15
346	346-47	35-36	N35-36E	67.69
345	345-46	338-01	N29-59W	74.94
344	344-45	33-08	N33-08E	109.89
343	343-44	84-08	N84-08E	75.50
342	342-43	345-36	N14-24W	97.29
341	341-42	62-00	N62-00E	53.20
340	340-41	1-34	N1-34E	88.18

— Mon P.M - Tues A.M

339	339-40	274-16	N85-44W	70.79
338	338-39	240-38	S60-38W	55.41
337	337-38	198-46	S18-46W	46.04
336	336-37	237-32	S57-32W	90.17
335	335-36	201-33	S21-33W	94.40
334	334-35	238-37	S58-37W	83.60
333	333-34	206-14	S26-14W	130.36
332	332-33	248-00	S68-00W	55.88
331	331-32	328-40 203-32	N31-20W	282.67



Sta	Ton	Vern	Co	Dist	
375	375-76	245-48	S65-48W	90.85	
374	374-75	249-00	S69-00W	81.93	
373	373-74	275-50	N84-10W	114.00	
372	372-73	228-12	S48-12W	75.68	
371	371-72	275-54	N84-06W	44.98	S80W ✓
Tues	M.				
371	371-72	275.57	N84-03W	44.98	✓
370	370-71	339-36	N20-24W	65.21	
369	369-70	288-55	N71-05W	114.10	
368	368-69	301-11	N58-49W	98.01	
367	367-68	333-58	N26-02W	137.87	
366	366-67	276-52	N83-08W	167.82	
365	365-66	280-23	N79-37W	220.11	
364	364-65	294-15	N65-45W	70.09	
363	363-64	283-03	N76-57W	262.22	
362	362-63	302-03	N57-57W	49-12	
361	361-62	297-11	N62-49W	96.16	
360	360-61	308-18	N51-42W	126.59	
359	359-60	359-35	N00-25W	128.12	
358	358-59	332-51	N27-09W	126.36	
357	357-58	338-03	N21-57W	70.00	
356	356-57	8-43	N8-43E	55.15	
355	355-56	337-47	N22-13W	50.88	
354	354-55	347-00	N13-00W	83.18	
353	353-54	322-10	N37-50W	103.13	
		359-23			



360 N Pt Island

360 - 330	148-33 ✓	360 - X	321-33
360 - 320	115-49		
360 - 310	88-03		
360 - 130	12-36		
360 - X	339-10		
360 - X	324-58		

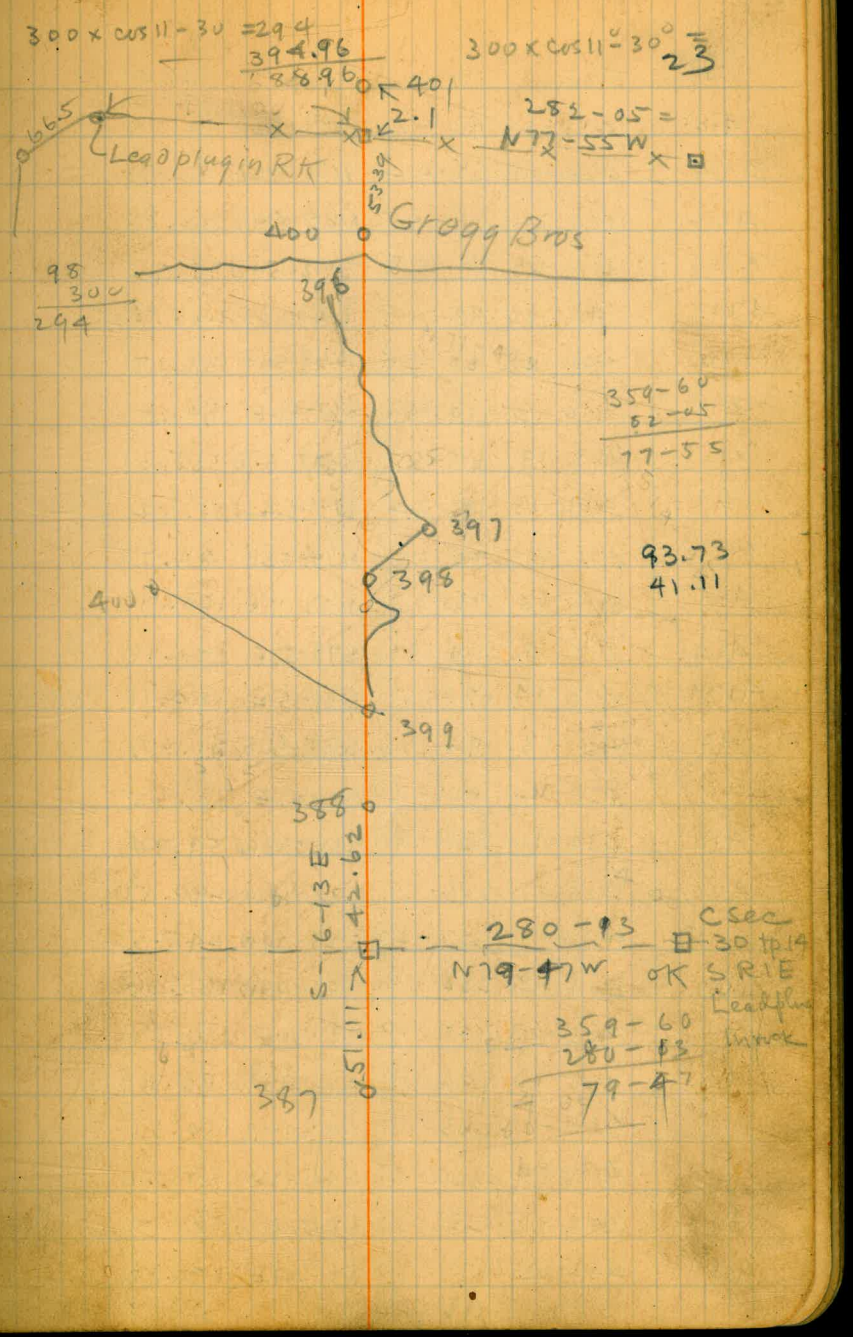
179-60
115-52
64

179-60
115-49
64-11

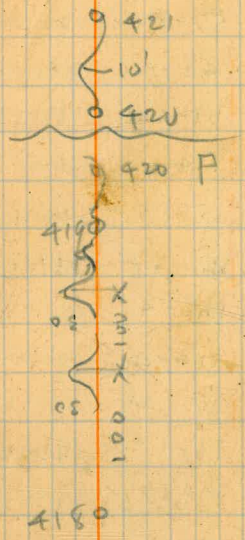
179-60
148-33
31-27

359-60
24-58
335-02

Sta	Tan	Vern	Co	Dist	
400	400-01	210-28	S30-28W	55.39	
399	399-400	248-35	S68-35W	282.72	
398	398-99	148-55	S31-05E	195.77	
397	397-98	148-30	S31-30E	74.34	
396	396-97	115-42	S64-18E	412.45	
395	395-96	125-50	S54-10E	119.45	
394	394-95	90-50	S89-10E	127.22	
393	393-94	141-59	S38-01E	113.71	
392	392-93	140-08	S39-52E	168.20	
391	391-92	145-51	S34-09E	72.20	
390	390-91	162-48	S17-12E	132.37	
389	389-90	168-55	S11-05E	77.89	
388	388-89	157-20	S22-40E	50.92	
387	387-88	173-47	S6-13E	93.73	tie ½ sec
386	386-87	151-07	S28-53E	146.56	
385	385-86	168-45	S11-15E	198.22	
384	384-85	177-15	S2-45E	120.04	
383	383-4	195-00	S15-00W	54.33	
382	382-83	222-02	S42-02W	204.36	
381	381-82	229-34	S49-34W	135.55	
380	380-81	241-25	S61-25W	102.69	
379	379-80	230-57	S50-57W	249.11	
378	378-79	204-15	S24-15W	40.49	
377	377-78	249-10	S69-10W	44.97	
376	376-77	237-28	S57-28W	240.30	
		245-48	S65-48W		

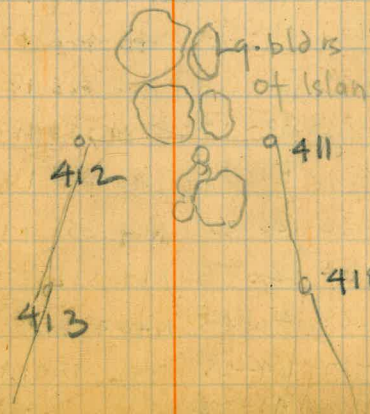


Sta	Tan	Vem	Co	Dist	
425	425-26	91-24	S88-36E	74.72	
424	424-25	50-42	N50-42E	80.60	
423	423-24	65-44	N65-44E	144.83	
422	422-23	97-06	S82-54E	75.72	
421	421-22	47-00	N47-00E	205.82	
420	420-21	68-20	N68-20E	135.18	
419	419-20	118-20	S61-40E	89.65	
418	418-19	25-35	N25-35E	365.61	
417	417-18	15-24	N15-24E	51.64	
416	416-17	74-53	N74-53E	43.79	
415	415-16	73-05	N73-05E	103.11	
414	414-15	101-07	S78-53E	170.10	
413	413-14	78-15	N78-15E	124.11	N63-10E
412	412-13	94-30	S85-30E	31.23	
411	411-12	176-20	S3-40E	70.45	
410	410-11	234-23	S53-23W	59.70	
409	409-10	213-19	S33-19W	290.50	
408	408-09	208-29	S28-29W	245.52	
407	407-08	252-09	S72-09W	163.45	
406	406-07	173-10	S6-50E	110.88	
405	405-06	194-50	S14-50W	70.80	
404	404-05	263-15	S83-15W	180.51	
403	403-04	227-25	S47-25W	80.96	
402	402-03	255-32	S75-32W	147.70	
401	401-02	178-33	S1-27E	171.13	
		210-28			



179-60
6
3-4

410 = SW Pt Island N side



Sta	Tan	Vem	Co	Dist	
449	449-50	111-41	S68-19E	66.94	
448	448-49	153-57	S6-03E	237.82	
447	447-48	46-27	N46-27E	200.14	
446	446-47	57-41	N57-41E	106.57	
445	445-46	42-00	N42-00E	107.75	
444	444-45	61-14	N61-14E	79.59	
443	443-44	114-00	S66-00E	114.05	
442	442-43	153-50	S26-10E	59.48	
441	441-42	41-45	N41-45E	150.19	
440	440-41	163-45	S16-15E	43.99	
439	439-40	114-40	S65-20E	51.49	
438	438-39	167-28	S12-32E	68.40	
437	437-38	73-12	N73-12E	90.69	
436	436-37	136-45	343-15E	138.40	S58-40E
Nov 1st				checked	
435	435-36	87-15	N87-15E	45.22	
434	434-35	59-42	N59-42E	143.98	
433	433-34	136-16	S43-44E	98.09	
432	432-33	36-29	N36-29E	187.48	
431	431-32	89-22	N89-22E	119.22	
430	430-31	80-50	N80-50E	105.33	
429	429-30	14-35	N14-35E	198.00	
428	428-29	64-53	N64-53E	145.49	
427	427-28	40-45	N40-45E	77.81	
426	426-27	69-25	N69-25E	145.09	
		91-24			

1.4 - 1.5

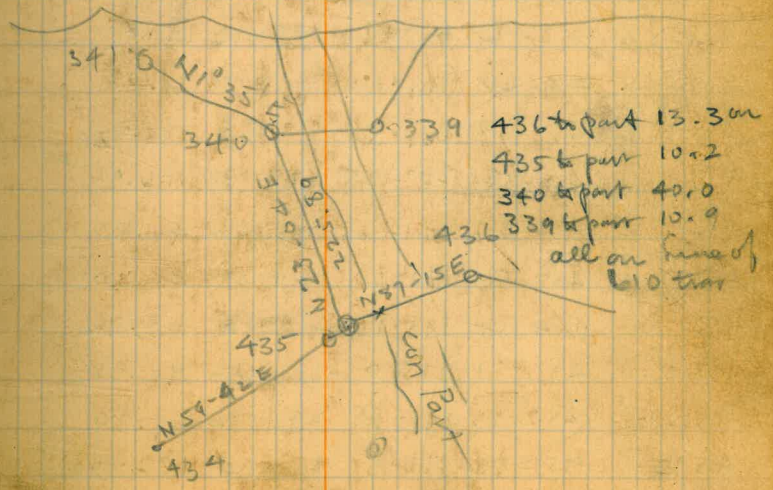
179-60
36-45
43-15
58-40
15-25

359-45
16
75-45

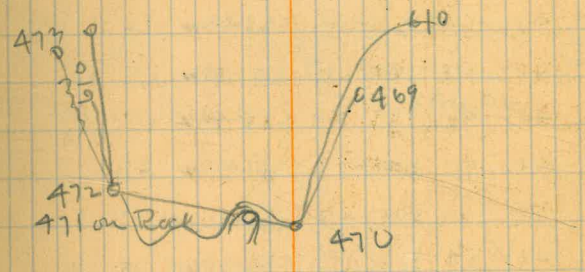
285-02
180
65-02

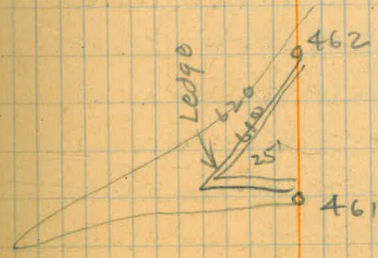
77
65
12-02

25



Sta	Tan	Vem	Co	Dist
474	474-75	288-37	N71-23W	61.30
473	473-74	305-37	N54-23W	85.34
472	472-73	329-05	N30-55W	132.81
471	471-72	245-10	S65-10W	89.36
470	470-71	263-00	S83-00W	31.74
469	469-70	210-20	S30-20W	111.84
468	468-69	157-13	S22-47E	69.92
467	467-68	236-18	S56-18W	52.49
466	466-67	147-30	S32-30E	55.53
465	465-66	192-10	S12-10W	81.51
464	464-65	224-55	S44-55W	58.75
463	463-64	136-20	S43-40E	48.10
462	462-63	181-04	S1-04W	53.93
461	461-62	76-02	N76-02E	47.25
460	460-61	86-47	N86-47E	65.83
459	459-60	119-10	S60-50E	61.08
458	458-59	167-57	S12-03E	138.82
457	457-58	207-27	S27-27W	106.06
456	456-57	221-05	S41-05W	40.59
455	455-56	180-30	S00-30W	40.60
454	454-55	198-10	S18-10W	63.26
453	453-54	215-00	S35-00W	92.38
452	452-53	261-58	S81-58W	69.19
451	451-52	166-31	S13-29E	102.48
450	450-51	236-35	S56-35W	80.66
		111-41		





Sta	Tan	Vern	Co	Dist
499	499-500	25-35	N25-35E	117.29
498	498-99	292-50	N67-10W	109.71
497	497-98	309-05	N50-55W	98.07
496	496-97	215-28	S35-28W	57.04
495	495-96	235-53	S55-53W	71.21
494	494-95	262-20	S82-20W	172.94
493	493-94	245-53	S65-53W	144.82
492	492-93	184-25	S4-25W	73.09
491	491-92	199-49	S19-49W	57.65
490	490-91	246-07	S66-07W	48.61
489	489-90	201-40	S21-40W	97.66
488	488-89	216-05	S36-05W	78.70
487	487-88	250-23	S70-23W	44.24
486	486-87	211-14	S31-14W	203.59
485	485-86	219-24	S39-24W	99.74
484	484-85	229-05	S49-05W	109.59
483	483-84	257-28	S77-28W	163.63
482	482-83	232-40	S52-40W	52.09
481	481-82	240-39	S60-39W	75.27
480	480-81	249-57	S69-57W	104.97
479	479-80	259-27	S79-27W	87.59
478	478-79	267-00	S87-00W	82.66
477	477-78	224-19	S44-19W	83.46
476	476-77	241-50	S61-50W	62.55
475	475-76	263-26	S83-26W	66.03
		288-37		

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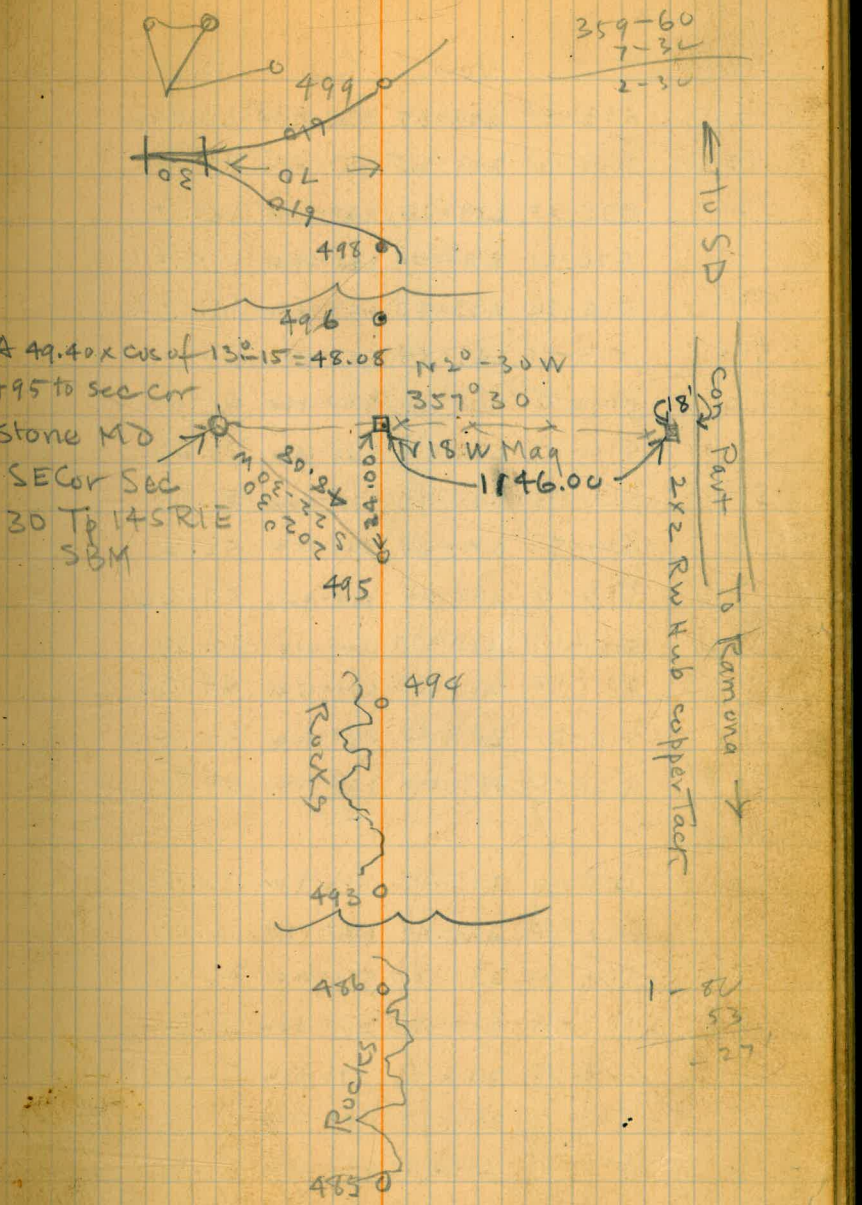
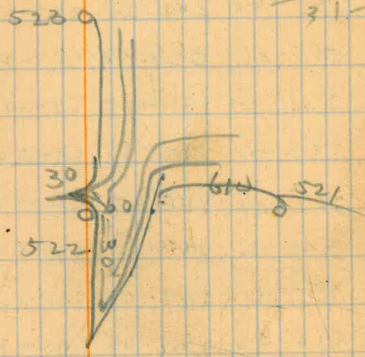


Sta	Tan	Vern	Co	Dist
523	523-24	294-07	N65-53W	63.99
522	522-23	301-25	N58-35W	96.44
521	521-22	217-20	S37-20W	169.18
520	520-21	225-09	S45-09W	128.31
519	519-20	233-45	S53-45W	186.77
518	518-19	247-50	S67-50W	36.09
517	517-18	260-44	S80-44W	43.00
516	516-17	242-19	S62-19W	73.52
515	515-16	255-43	S75-43W	44.59
514	514-15	294-58	N15-02W	56.01
513	513-14	199-19	S19-19W	27.72
512	512-13	220-00	S40-00W	39.50
511	511-12	234-15	S54-15W	84.05
510	510-11	258-40	S78-40W	32.42
509	509-10	218-00	S38-00W	54.80
VM ℄			←	
508	508-09	203-52	S23-52W	60.73
507	507-08	274-51	N85-09W	14.27
506	506-07	231-20	S51-20W	221.79
505	505-06	239-32	S59-32W	31.60
504	504-05	253-13	S73-13W	76.95
503	503-04	264-59	S84-59W	48.97
502	502-03	306-11	N53-49W	51.22
501	501-02	357-28	N2-32W	78.79
500	500-01	16-50	N16-50E	103.30
		25-35		

18

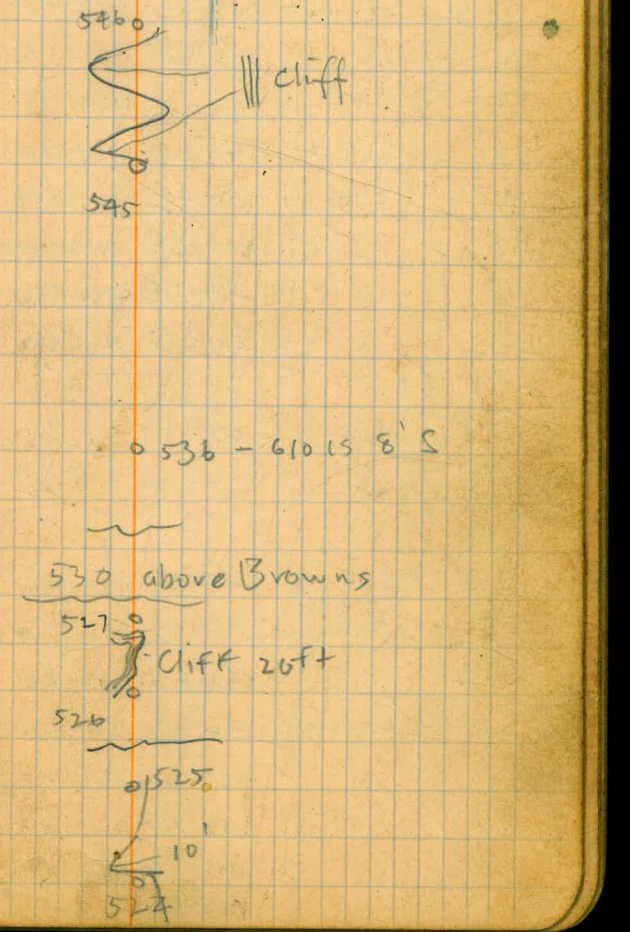
359-60
191-47
168-13

197-47
165-15
31-32



191-47
12-5
203-55

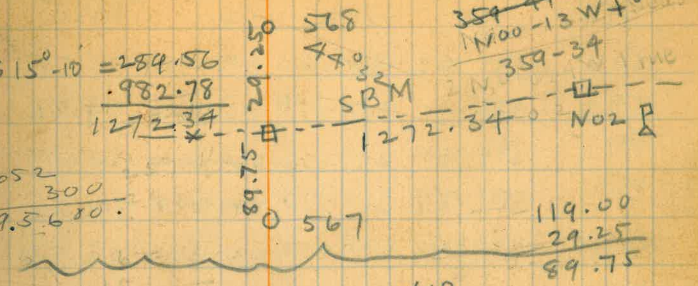
Sta	Tan	Vam	Co	Dist
548	548-49	165-16	S14-44E	105.74
547	547-48	212-22	S32-22W	105.23
546	546-47	229-31	S49-31W	54.14
545	545-46	238.38	S58-38W	55.27
544	544-45	171-40	S8-20E	46.59
543	543-44	184-35	S4-35W	125.65
542	542-43	189-57	S9-57W	175.91
541	541-2	203-21	S23-21W	116.74
540	540-41	208-12	S28-12W	59.71
539	539-40	220-05	S40-05W	71.29
538	538-39	239-46	S59-46W	67.24
537	537-38	250-58	S70-58W	81.81
536	536-37	249-38	S69-38W	49.90
535	535-36	275-30	N84-30W	61.32
534	534-35	285-43	N74-17W	67.67
533	533-34	285-50	N74-10W	81.35
532	532-33	283-53	N76-07W	91.19
531	531-32	290-50	N69-10W	64.09
530	530-31	285-36	N74-24W	134.69
529	529-30	283-05	N77-55W	31.22
528	528-29	307-31	N52-29W	80.71
527	527-28	296-58	N63-02W	58.60
526	526-27	277.30	N82-30W	111.67
525	525-26	281-42	N78-18W	75.15
524	524-25	291-52 294-07	N68-08W	59.67

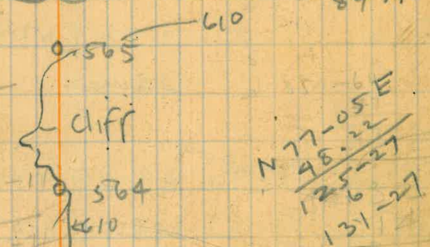


Sta	Tan	Vern	Co.	Dist
				— 00 – 26'
567	567–68	315–42	N44–~~28~~W	119.00
~~567~~	~~567–68~~	~~315–42~~	~~N44–18W~~	~~119.00~~
566	566–67	61–04	N61–14E	35.88
565	565–66	38–14	N38–14E	147.35
564	564–65	310–31	N49–29W	157.80
563	563–64	302–14	N57–46W	288.75
562	562–63	305–49	N54–11W	80.08
561	561–62	320–39	N39–21W	42.09
560	560–61	342–09	N17–51W	37.31
559	559–60	29–42	N29–42E	~~228~~.67
558	558–59	307–58	N52–02W	74.12
557 W Axis	557–58	269–58	S89–58W	110.31
556	556–57	298–00	N62–00W	56.65
E Axis 555	555–556 =	257–05	S77–05W	696.34
~~555~~ E Axis	~~556~~ W Axis	257–10	S77–11W = Line	to ½ Sec Cor
555	E Axis W E	257–09	S77–09W	to old Line to ¼ sec should be S77–11W
554	to E Axis 555 =	196–52	S16–52W	166.48
553	553–54	161–42	S18–18E	86.43
552	552–53	186–58	S6–58W	41.37
551	551–52	121–40	S58–20E	51.03
550	550–51	118–45	S61–15E	170.19
549	549–50	134–59	S45–01E	136.99
		165–16		

300 x cos 15°–10' = 289.56
.982.78
1272.34

.9652
300
289.5680

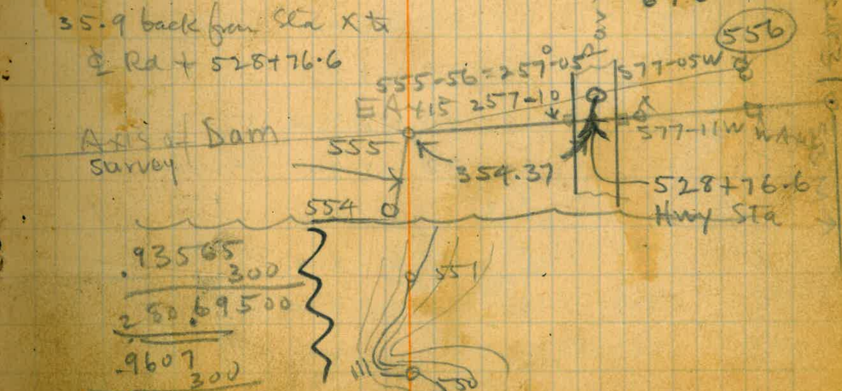




Sta 560 4' below 610
561 – 3' above 610

Chain E Axis to W Axis 555–56 — 38.370
old Rd
300 x cos 20°40' = 280.695
300 x cos 16–07 = 288.210
104.73 cos 31°–38' = 89.069
696.344

35.9 back from Sta X to ¢ Rd + 528+76.6



.93565
300
280.69500

.9607
300
288.2100

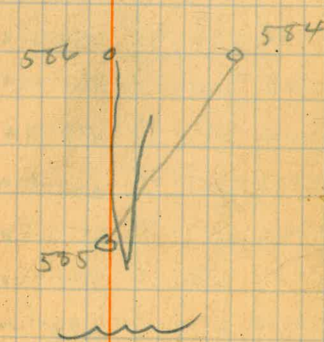
All from q. West From Tie Bet 567-68 = SBM

Sta	Tan	Vern	Co	Dist	
591	591-92	341-41	N18-19W	70.54	
590	590-91	294-50	N65-10W	84.86	
589	589-90	295-30	N64-30W	143.77	
588	588-89	312-30	N47-30W	87.02	
587	587-88	339-22	N20-38W	78.90	
586	586-87	7-52	N7-52E	72.39	
		49-04			N35-30E
585	585-86	49-04	N49-04E	184.68	
584	584-85	294-09	N65-51W	216.18	
583	583-84	307-16	N52-44W	68.60	
582	582-83	319-50	N40-10W	60.34	
581	581-82	349-39	N10-21W	102.04	
580	580-81	15-05	N15-05E	201.88	N1-E
579	579-80	14-05	N14-05E	342.18	
578	578-79	26-50	N26-50E	251.12	
577	577-78	340-09	N19-15W	79.77	
575	575-76	273-14	N86-46W	138.57	
574	574-75	250-00	S70-00W	102.80	
573	573-74	280-04	N79-50W	117.75	
572	572-73	243-10	S63-10W	84.39	
571	571-72	263-13	S83-13W	160.38	
570	570-71	238-50	S58-50W	89.69	
569	569-70	243-55	S63-55W	58.91	
568	568-69	273-41	N86-19W	59.65	
		315-47			

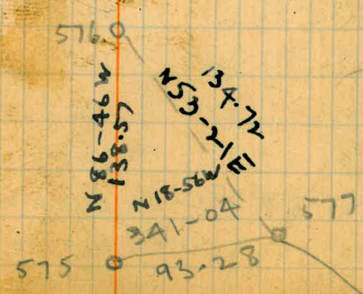
2

587 - 0+0 - 35-10
" ? — 55-47
" 400 - 66-24
" 410 - 78-47
" x - 84-20
" y - 100-0
" 540 - 109-19

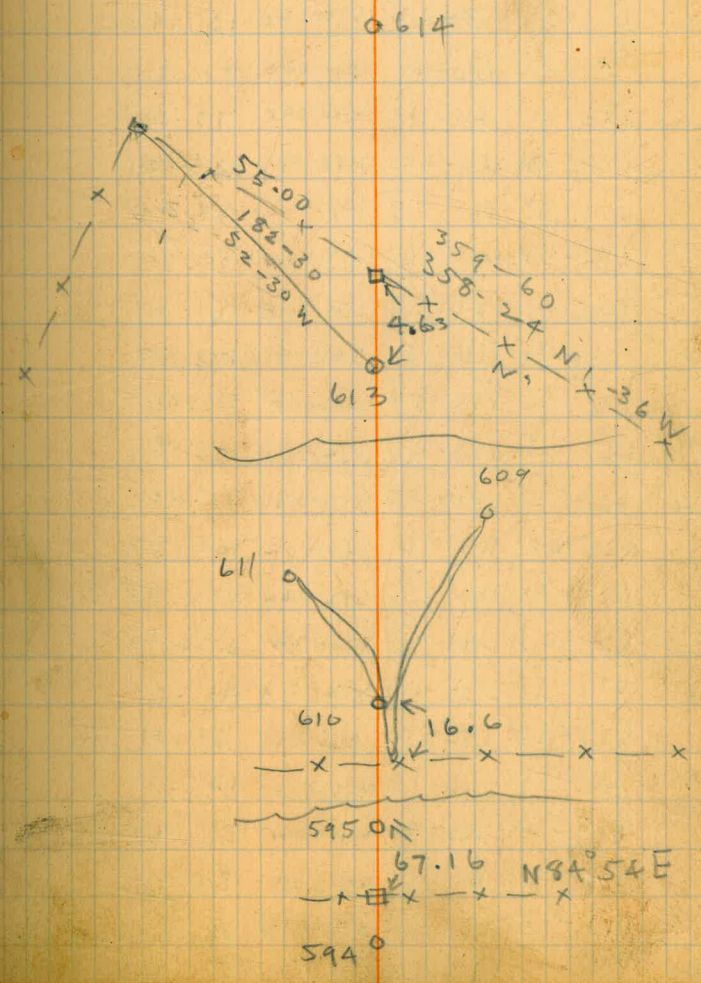
49-30
55
14



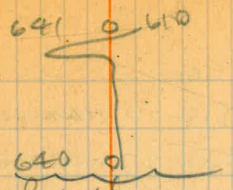
740
570
12) 180
15



Sta	Tan	Vem	Co	Dist
616	616-17	317-20	N42-40W	267.47
615	615-16	291-08	N68-52W	75.67
614	614-15	349-40	N10-20W	53.44
613	613-14	242-05	S62-05W	146.66
612	612-13	256-03	S76-03W	128.69
611	611-12	271-02	N88-58W	66.94
610	610-11	335-21	N24-39W	49.16
609	609-10	224-15	S44-15W	110.24
608	608-09	221-16	S41-16W	206.93
607	607-08	257-05	S77-05W	110.43
606	606-07	213-19	S33-19W	89.59
605	605-06	270-39	N89-21W	61.08
604	604-05	300-00	N60-00W	44.49
603	603-04	341-43	N18-17W	253.55
602	602-03	207-41	S27-47W	123.99
601	601-02	237-55	S57-55W	62.60
600	600-01	254-13	S74-13W	107.34
599	599-600	270-30	N89-30W	211.06
598	598-99	296-37	N63-23W	117.71
597	597-98	311-30	N48-30W	60.65
596	596-97	344-37	N15-23W	131.09
595	595-96	276-38	N83-22W	94.60
594	594-95	301-37	N58-23W	78.89
593	593-94	314-20	N45-40W	71.05
592	592-93	325-49	N34-11W	81.59
		347-41	checked	



Sta	Tan	Vern	Co	Dist
641	641-42	305-17	N54-43W	112.90
640	640-41	352-35	N7-25-W	72.32
639	639-40	65-10	N65-10E	65.96
638	638-39	18-50	N18-50E	177.00
637	637-38	22-46	N22-46E	60.61
636	636-37	55-22	N55-22E	137.40
635	635-36	62-40	N62-40E	90.37
634	634-35	40-04	N40-04E	77.12
633	633-34	86-45	N86-45E	126.29
632	632-33	132-15	S47-45E	69.46
631	631-32	141-38	S38-22E	61.38
630	630-31	123-20	S56-40E	161.27
629	629-30	110-15	S69-45E	174.57
628	628-29	113-50	S66-10E	88.86
627	627-28	125-30	S54-30E	115.81
626	626-27	129-33	S50-27E	75.96
625	625-26	119-50	S60-10E	149.53
624	624-25	137-36	S42-24E	230.88
623	623-24	343-43	N16-17W	222.49
622	622-23	335-45	N24-15W	411.41
621	621-22	15-55	N15-55E	78.41
620	620-21	296-16	N63-44W	195.79
619	619-20	325-41	N34-19W	163.82
618	618-19	8-30	N8-30E	84.19
617	617-18	273-19	N86-41W	41.66
Sun Am		317-20		



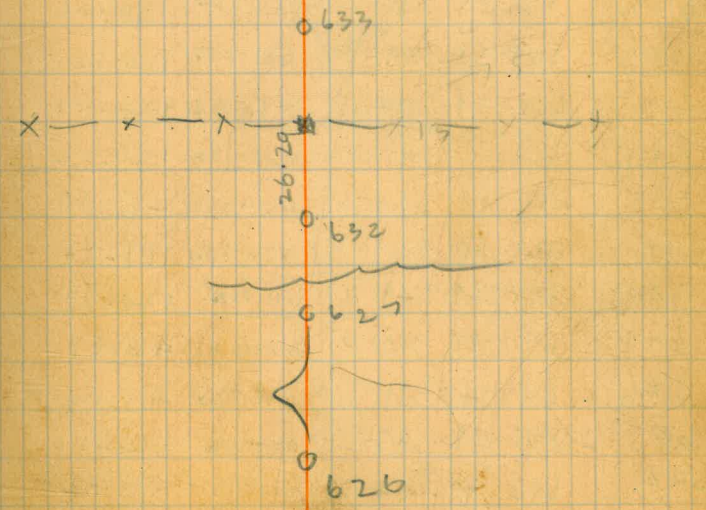
640 on pr Old to by Oaks on Point

640 - Flag above Brown 113-30 = 179-60 / 113-30 / S66-30E

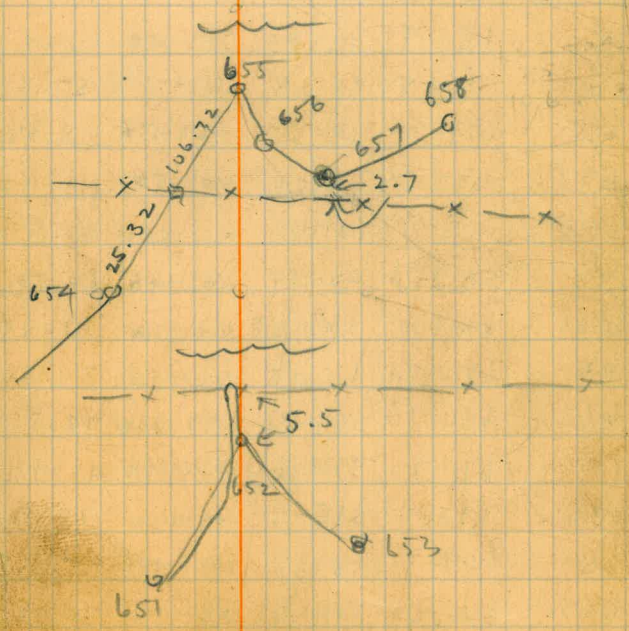
640 - Flag before Dam Site 122-35 = 179-60 / 122-35 / S57-25

640 - 600' 148-50

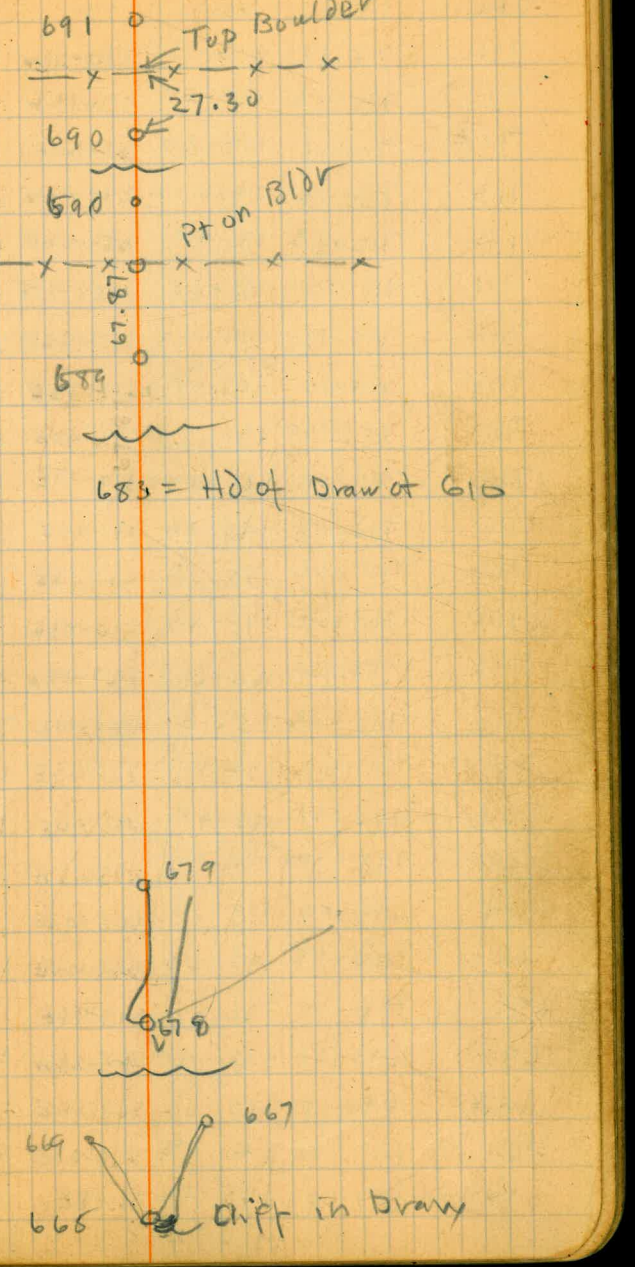
640 616 197-18



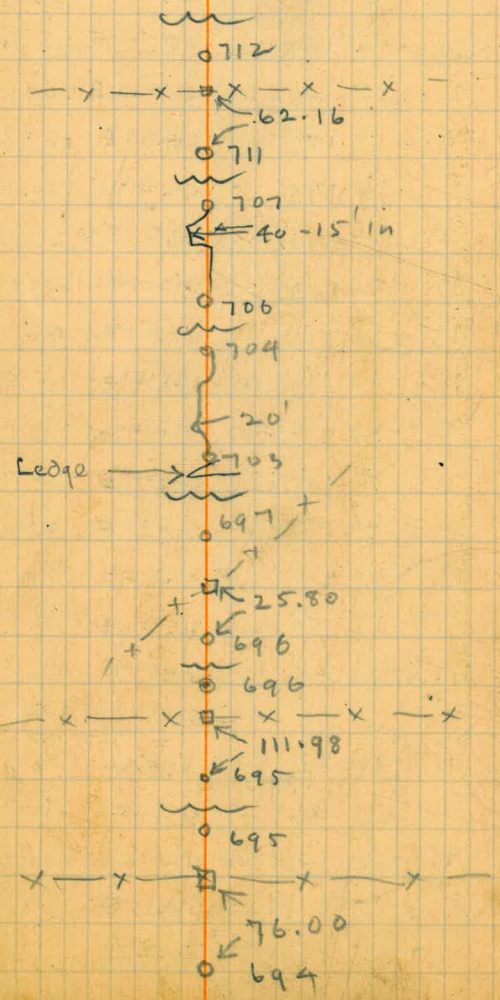
Sta	Tan	Vern	Co	Dist
666	666-67	314-00	N46-00W	59.50
665	665-66	329-37	N30-23W	89.56
664	664-65	16-53	N16-53E	227.89
663	663-64	280-20	N79-40W	69.87
662	662-63	297-33	N62-27W	60.67
661	661-62	227-37	S47-37W	72.20
660	660-61	283-18	N76-42W	51.01
659	659-60	345-08	N14-52W	112.48
658	658-59	283-03	N76-57W	77.89
657	657-58	332-00	N28-00W	48.97
656	656-57	22-02	N22-02E	82.03
655	655-56	48-05	N48-05E	57.16
654	654-55	306-38	N53-22W	132.04
653	653-54	349-35	N10-25W	110.66
652	652-53	9-28	N9-28E	132.00
651	651-52	291-42	N68-18W	129.00
650	650-51	329-28	N30-32W	285.59
649	649-50	339-33	N20-27W	117.89
648	648-49	349-00	N11-00W	124.77
647	647-48	2-10	N2-10W	48.47
646	646-47	311-50	N48-10W	43.09 ✓
645	645-46	347-50	N12-10W	90.41
644	644-45	284-05	N75-55W	84.42
643	643-44	318-05	N41-55W	73.45
642	642-43	12-44	N12-44E	56.40
		305-19		



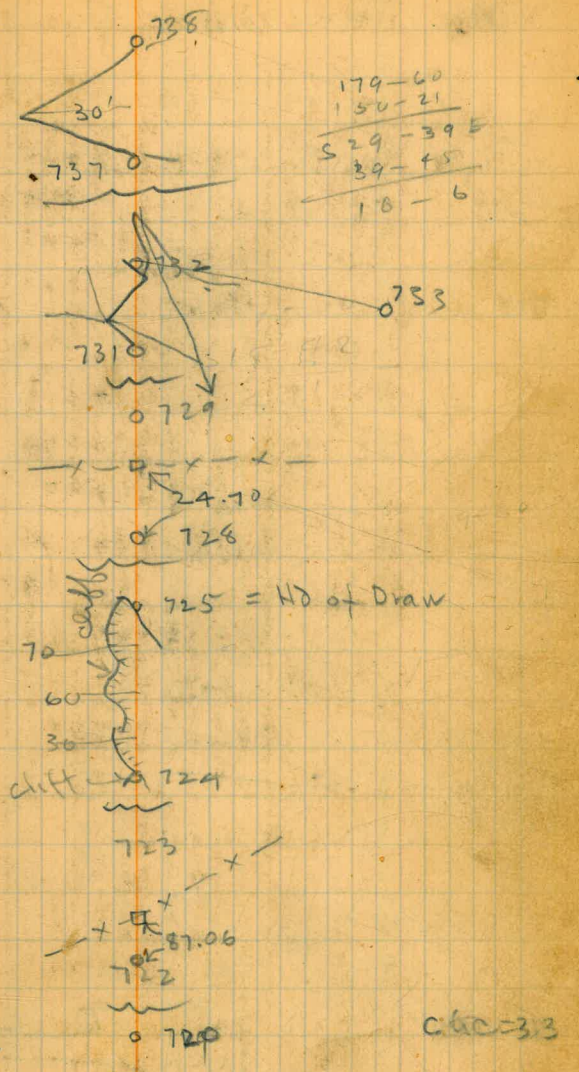
Sta	Tan	Vem	Co	Dist
691	691-92	214-15	S34-15W	58.57
690	690-91	245-18	S65-18W	109.26
689	689-90	122-50	S57-10E	99.89
688	688-89	156-13	S23-47E	171.33
Mun 687	687-88	171-10	S8-50E	83.69
686	686-87	162-00	S18-00E	70.10
685	685-86	163-42	S16-18E	158.46
684	684-85	157-17	S22-43E	106.80
683	683-84	151-37	S28-23E	84.82
682	682-83	3-40	N3-40E	329-20
681	681-82	350-38	N9-22W	109.10
680	680-81	12-09	N12-09E	75.23
679	679-80	39-28	N39-28E	157.32
678	678-79	68-55	N68-55E	118.88
677	677-78	326-45	N33-15W	111.39
676	676-77	12-05	N12-05E	93.51
675	675-76	47-04	N47-04E	63.59
674	674-75	345-28	N14-32W	61-95
673	673-74	6-05	N6-05E	36.90
672	672-73	287-40	N72-20W	78.57
671	671-72	329-46	N30-14W	41.46
670	670-71	355-17	N4-43W	75.60
669	669-70	45-15	N45-15E	99.38
668	668-69	354-53	N5-07W	70.78
667	667-68	262-39	S82-39W	167.59
		314-00		

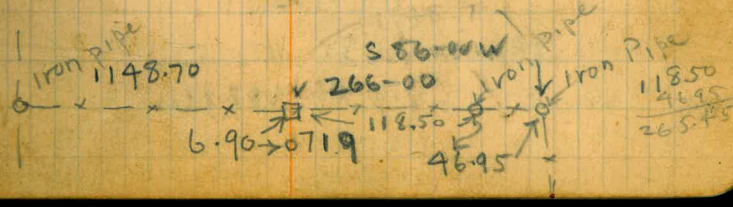


Sta	Tan	Vem	Co	Dist
716	716-17	213-30	S33-30W	63.09
715	715-16	148-47	S31-13E	73.99
714	714-15	178-30	S1-30E	109.26
713	713-14	190-02	S10-02W	61.18
712	712-13	53-22	N53-22E	158.83
711	711-12	82-35	N82-35E	114.18
710	710-11	122-40	S57-20E	200.10
709	709-10	105-08	S74-52E	107.52
708	708-09	133-20	S46-40E	203.88
707	707-08	160-43	S19-17E	151.33
706	706-07	148-56	S31-04E	149.49
705	705-06	152-47	S27-13E	106.30
704	704-05	190-43	S10-43W	85.29
703	703-04	207-08	S27-08W	279.79
702	702-03	65-10	N65-10E	270.78
701	701-02	104-07	S75-53E	138.71
700	700-01	87-49	N87-49E	126.77
699	699-700	104-45	S75-15E	74.19
698	698-99	119-18	S60-42E	175.78
697	697-98	136-00	S44-00E	135.76
696	696-97	166-04	S13-56E	76.99
695	695-96	220-25	S40-25W	118.07
694	694-5	110-04	S69-56E	162.46
693	693-94	141-32	S38-28E	84.74
692	692-93	178-42 214-15	S1-18E	86.87

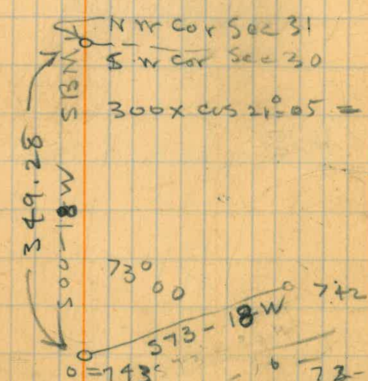


Sta	Tan	Vern	Co	Dist	
739	739-40	134-28	S45-32E	97.92	
738	738-39	149-02	S30-58E	101.04	
737	737-38	146-40	S33-20E	64.05	
736	736-37	148-53	S31-27E	68.08	
735	735-36	152-08	S27-52E	107.12	
734	734-35	173-27	S6-33E	107.27	
733	733-34	199-07	S19-07W	131.25	
732	732-33	218-55	S38-55W	218.61	
731	731-32	133-36	S46-24E	67.80	
730	730-31	150-27	S29-33E	45.12	
729	729-30	150-09	S29-51E	61.80	S45-30E
728	728-29	194-37	S14-37W	39.32	
727	727-28	143-41	S36-19E	31.95	
726	726-27	177-31	S2-39E	81.56	
725	725-26	205-28	S25-28W	100.62	
724	724-25	59-24	N59-24E	253.99	
723	723-24	44-17	N44-17E	121.21	
722	722-23	52-50	N52-50E	133.82	
721	721-22	85-51	N85-51E	136.06	
720	720-21	86-14	N86-14E	80.49	
719	719-20	105-20	S74-40E	149.52	
718	718-19	172-25	S7-35E	241.38	
717	717-18	189-30	S9-30W	116.88	
		213-30			





Sta	Tan	vern	Co	Dist
		73-18	~~Finis~~ ← BK	
742-0	742-0	73-15	N73-15E	103.69
741	741-42	92-41	~~S87-19E~~	80.50
740	740-41	109-47	S50-13E	98.92
		134-28		



300 x cos 21°05 = 279.90
54.38
15.00
349.28

72-60
14
56

S00-14W
73
73-14
72-74
58
18

72-90
72-56
44

73-60
14
72-46

73-30
7
145-76
146-16
179-60
33-54

Stations on Dam Axis - West side.

5-17-38
Hill
Osborne
Isbell

		True Dist.	Slope Dist.	Angle
0+00 =	Hub 1' W. of W. edge of paved road.			
0+50				
1+00				
1+07.72 =	P.O.T.	107.72	108.30	+ 5° 55'
1+65				
2+00				
2+05.71			100	+11° 30'
2+50.01			150	+18° 25'
2+78.80	x	171.08	185'	+22° 22'
		113.80	132'	- 30° 27'
3+00				
3+50				
4+00				
4+17.31	P.O.T.	138.57	160.40	-30° 17'
4+50				
5+00				
5+50				
6+00				
6+12.21	x	194.86	200	+12° 58'
6+50		46.16	55'	32° 56'
6+95.30	P.O.T.	83.09	95'	- 29°
7+00				
7+13.30				

Even sta. + +50's marked with Redhead + stake.

Taken from Sta. 0+00 mark on rock

Thru stationing carried to this point from P.O.T. sta. 1+07.72

Taken from Sta. 2+78.80 mark on Rock

Stationing carried to this point from P.O.T. Sta 4+17.31

Taken from Sta. 6+12.21 mark on rock

Intermediate point to reach top of cliff.

		Hor. dist.	Slope dist.	Angle	
7+50					
8+00					At base of cliff
8+23.08		109.78	148'	42° 07'	from 7+13.30 Point on edge of cliff
8+50.91	x	137.61	190.40	43° 43'	" " Taken from sta. 7+13.30
8+93.58	x				Chained up from sta. 8+50.91
9+53.45	P.O.T.	59.87	67'	26° 40'	Brass plug marked 1/4 cor. S 31+S 36 from sta. 8+93.58
					end - 5-17-38
10+59.71		106.26	108.20	10° 51'	nail start - 5-23-38 clear - Hot.
11+00.90	P.O.T.				chained Hor.
11+87.70	P.O.T.	86.80	87.80	8° 38'	from 11+00.90
12+00					chained
12+50					
13+00					
13+50					
13+70.79		183.09	200'	23° 44'	from 11+87.70
14+00					
14+50					
15+00					

Cont. on page 44

Dam Axis - East Side.

		Hor. dist.	Slope dist.	Angle	
0+00					
0+50					
1+00					
1+02.23		102.23	106	15° 19'	Nail
148.78		148.78	158	19° 40'	Nail
1+50	x				
2+00		39.75	50	37° 21'	from P.O.T.
2+42.40	P.O.T.	92.40	115'	36° 32'	Mark on rock - from sta. 1+50
2+50					
3+00		109.01	115	18° 34'	
3+50					
4+00		157.15	169'	21 35	
4+50					
4+53.14	P.O.T.	53.14	70	40° 37'	Hub. from sta. 4+00
5+00		46.70	50	20° 55.	
5+50		95.98	103	21° 17'	Nail - encl.

Even sta. + +50's marked with Red headed stake.

Hub in Road.

Base line and Triangulation for Dam Axis

At	From	to	
#2	#3	91° 03'	1/4 cor
#1	#3	77° 03' 22"	Hub - 4+53.14
#3	#1	29° 29' 45"	Hub. - 4+53.14
#3	#1	52° 05' 45"	1/4 cor.

Point #1 on hillside Points #2 & #3 on E. side of Hwy.

0+00 Hub-Axis = + 24° 24' 1/4 cor

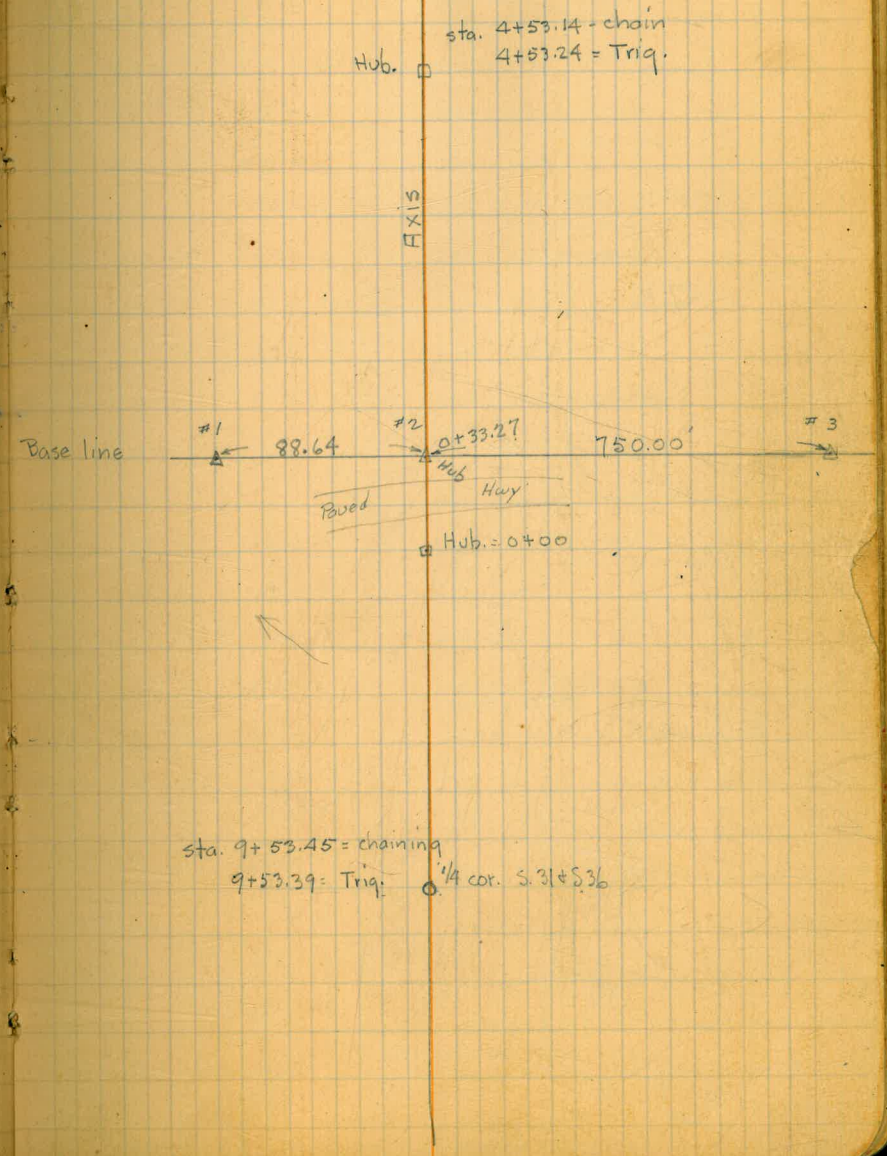
E. 481.66 EL. 913.96

Tan 24° 24' x 953.4 = 432.48 = 914.14 = .18 check

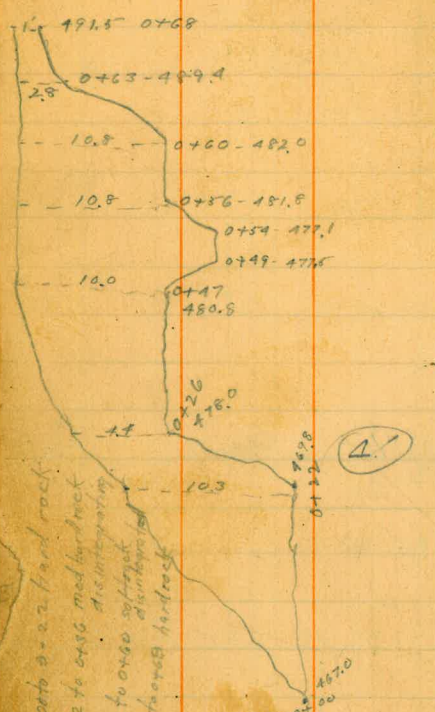
5-21-38 cool - cloudy

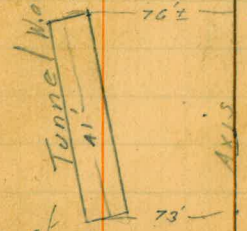
Hill
Osborne
Isbell

42



Add ties W. abut San Vicente Dam site.





Elev. of floor 477.0

Add ties & trench profiles on E. abut.

0+25.5 on axis = 0+00 trench

Trench page 18 shown 14' N. of axis at West

sta.	bot.	top
0+00	475.7	475.7
0+16	482.5	483.5
+26	486.1	487.5
+32	485.9 (1)	489.7
+34	482.6	490.2
+40	482.9	493.4
+41	478.9	493.5
+46	479.5	494.1
+47	482.6	494.0
+51	489.0	496.0
+65	496.3	501.8
+75	500.4	506.4
+78	504.1	508.6
+99	510.8	518.6
1+02	516.0	520.7
+06	518.5	522.5
+15	522.9	527.9
+16	527.9	527.9
+20	528.9	531.9
+21	538.1	533.1

10 ft. of trench Fairly hard rock with some signs of disintegration

0+46 on axis = 0+00 for trench

Trench page 18 shown 89' N. of axis at West

sta.	bot.	top
0+00	493.3	493.3
0+02	490.8	494.4
+04	490.8	494.8
+09	484.2	495.6
+12	484.2	495.2
+13	481.0	494.5
+20	482.8 (2)	495.5
+22	485.2	496.0
+33	487.3	500.3
+46	501.6	503.0
+52	504.0	504.9
+69	503.5	508.8
+72	509.6	510.1
+79	511.9	514.3
+82	516.9	516.9

About same formation in 10 ft. of all trenches on E. abut.

2+56 on axis = 0+00 for trench

Trench on page 98 shown 3' N. of axis West

sta.	bot.	top
0+00	604.2	604.2
+04	599.8	605.2
+22	601.7	608.9
+35	608.2	615.2
+49	609.1	620.1
+62	614.5	625.3
+70	622.4	629.2
+88	633.3	636.1
0+99	637.8	642.8
1+03	641.8	645.4
1+25	646.4	654.4
1+36	655.3	662.0
1+42	656.7	664.3
1+50	661.0	672.9
1+57	673.4	673.4

Cont. from page 40

		Hor. dist.	slope dist.	Angle	
15+50					
15+61.29	P.O.T.	190.50	200	17° 44'	from 13+70.79
16+00					
16+50					
17+00					
17+50					
17+54.90		193.61	200'	14° 31'	from 15+61.29
17+90.42	Angle point - 90° Right				mark on flat rock - chained hor.
18+00					
18+50					
19+00					
19+04.65	P.O.T	114.23	117	12° 29'	from sta. 17+90.42
19+50					chained Hor.
20+00					
20+18	P.O.T. - Turned 90° to be paralell to Axis.				Line runs along ridge of saddle Redwood Hub.
50' East					
100' E.					
150' E					
50' W. of	20+18				
100' W.					
150 W.					
50' N. of	20+18 on line from 17+90.42 produced				
100' N.					

See page 45 for sketch.

Sketch of Profile line along Axis - West side.

See pages 39-40-44

Used 200' chain + slope meas.

Angle point - mark on rock

Opposite top of Hill

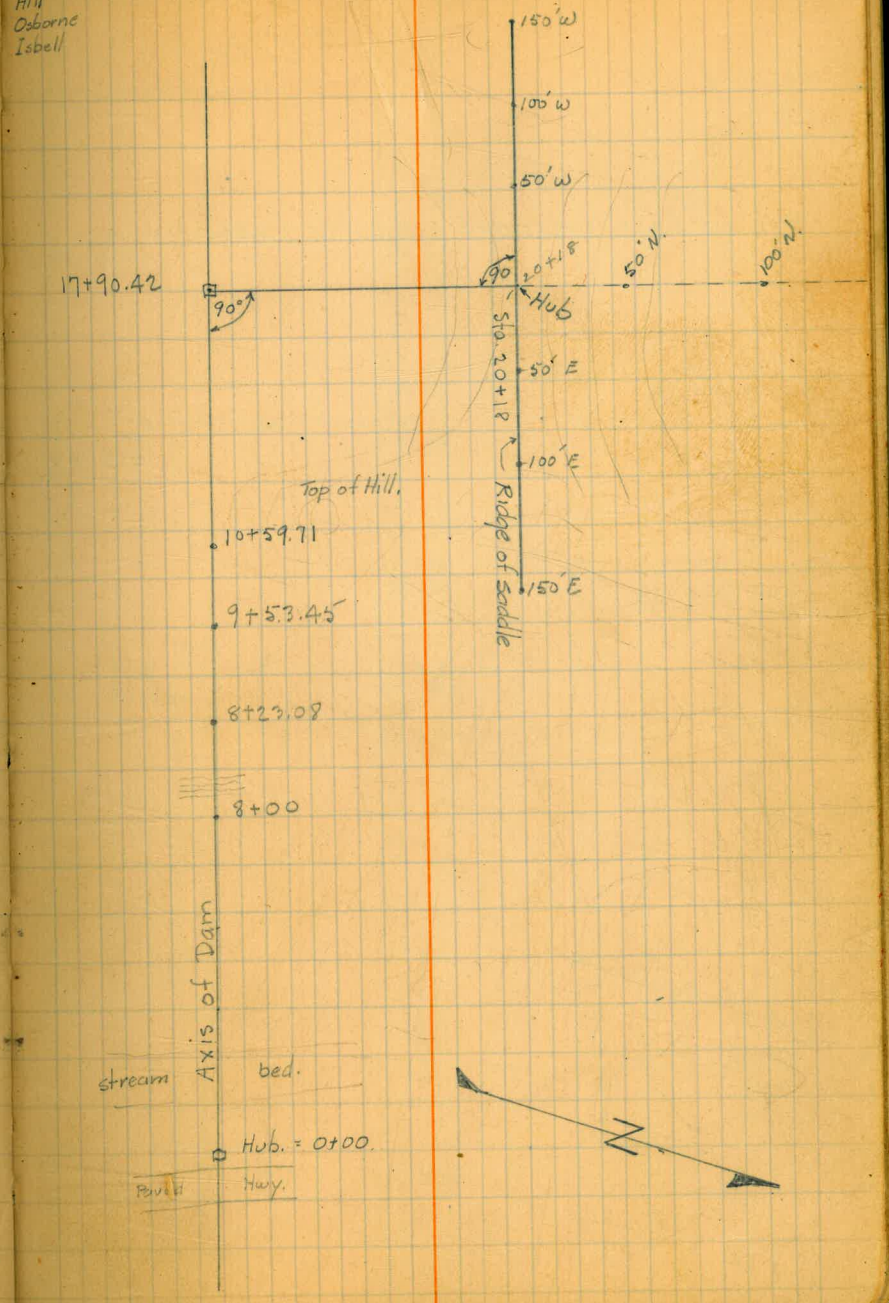
Brass plug on pipe marked 1/4 cor. S. 31 + S 36

Top of cliff

Base of cliff.

5-24-38 - clear - Hot.

Hill
Osborne
Isbell



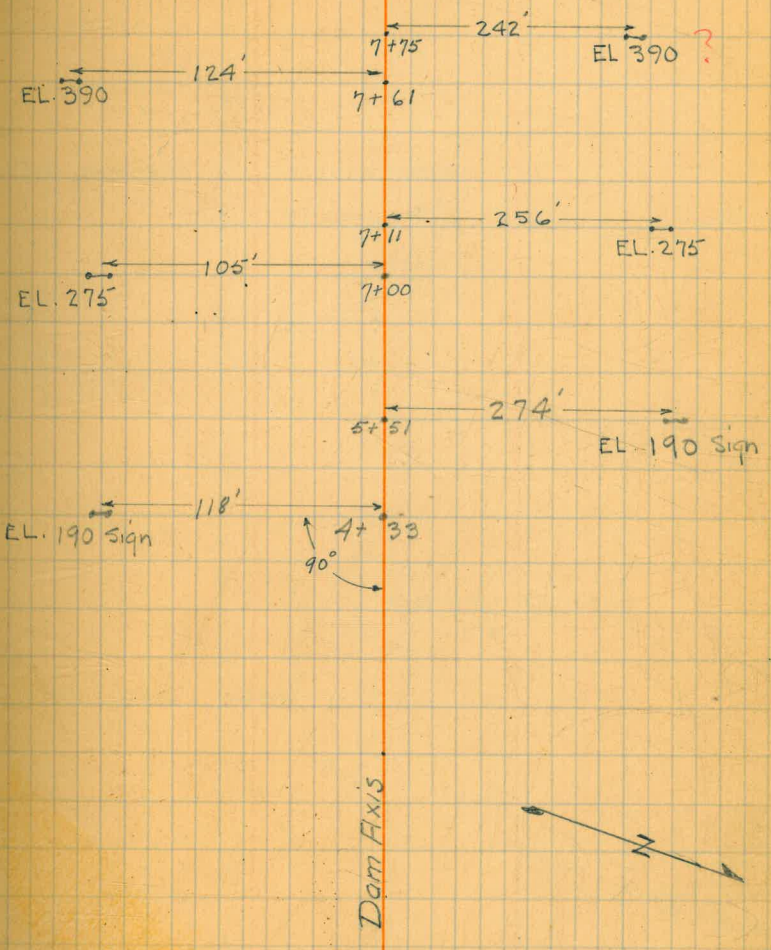
Sta. on Axis are right angles to signs.

LOCATION OF CONTOUR SIGNS

WEST SIDE

For east side see p. 47

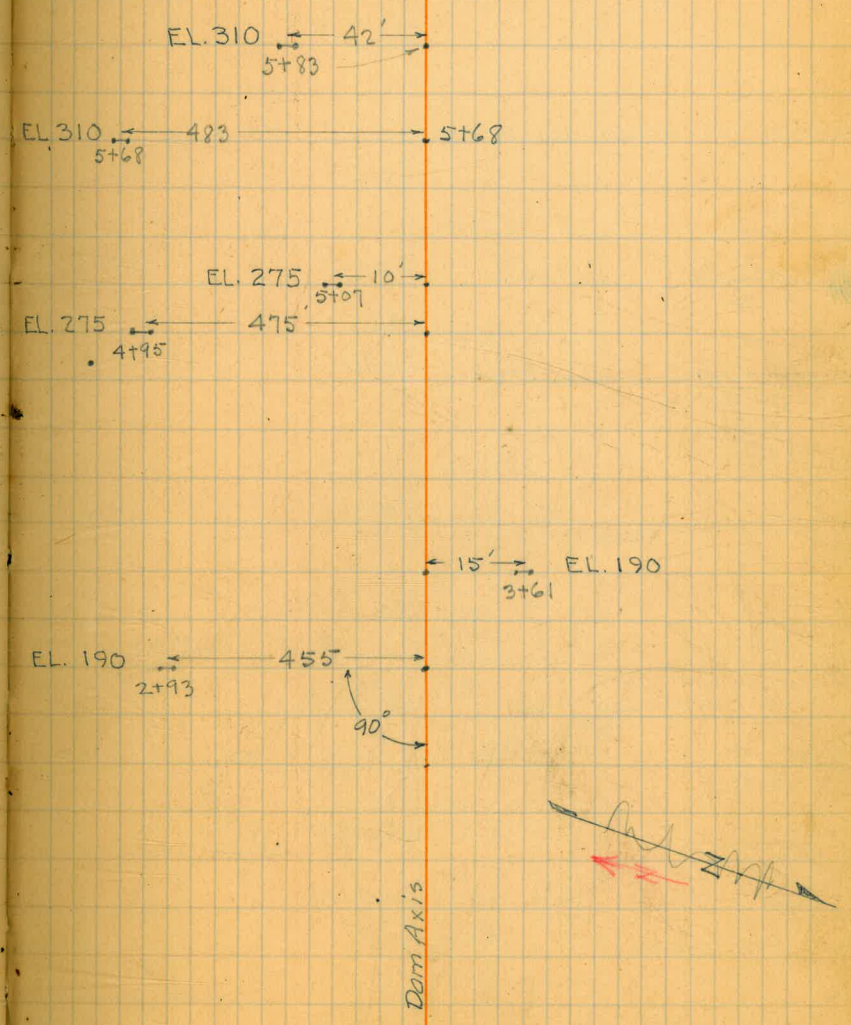
5-25-38



Note: Upper edge of board on signs set at elevation and about 4' above the ground

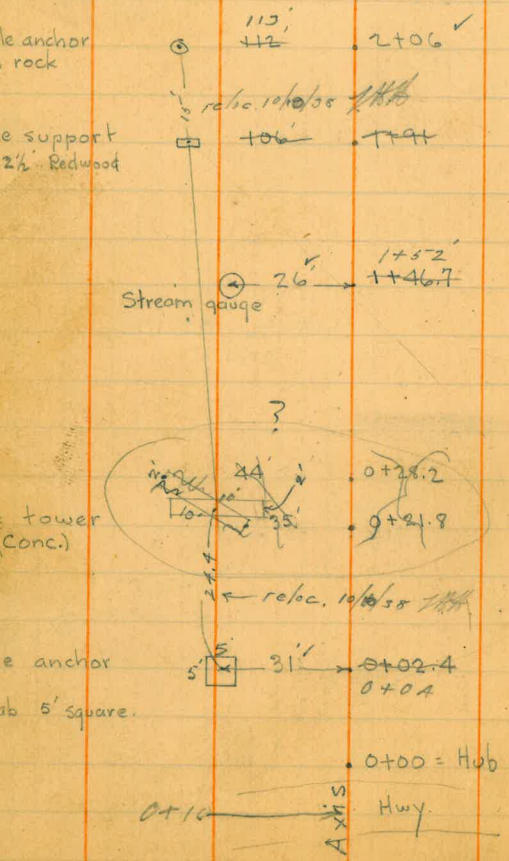
Sta. on Axis are right angles to signs

LOCATION OF CONTOUR SIGNS
EAST SIDE



Additions etc on page 43

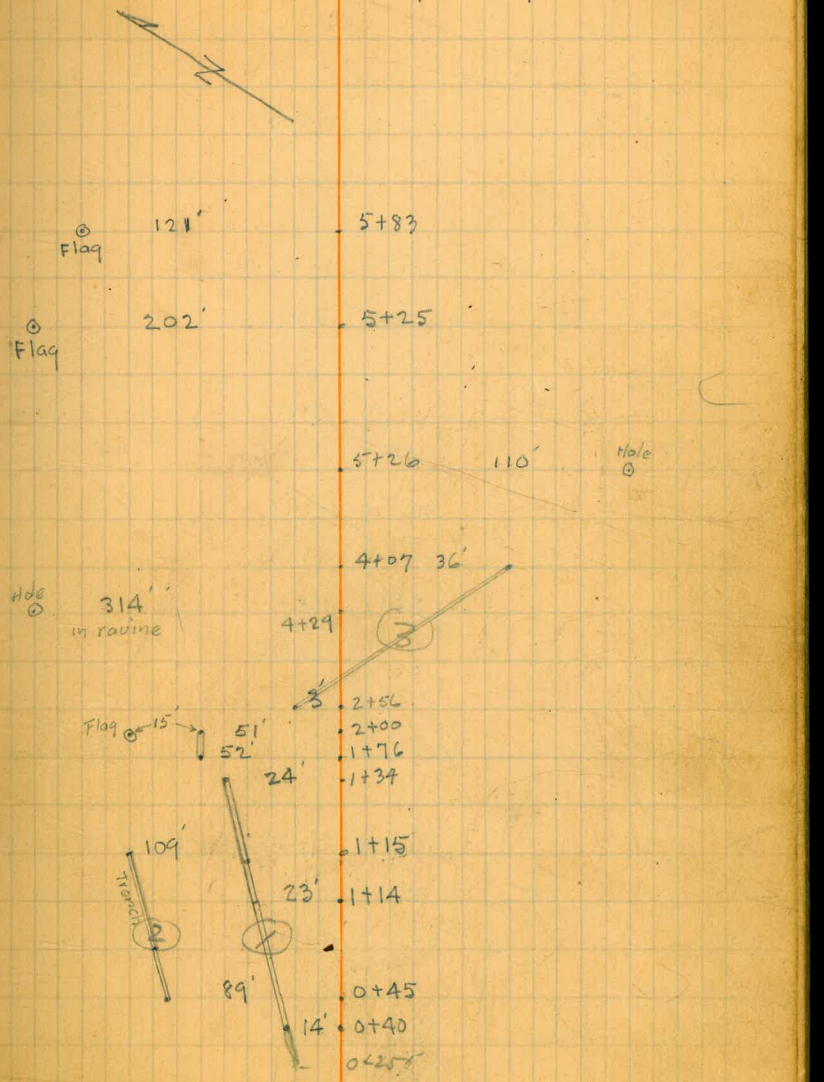
sketch of stream gauge equipment. W.side of 0+00.



Plotted 9-1-38

Location of trenchs and Holes - E. Side. 48

as per Sept. 30, 1938



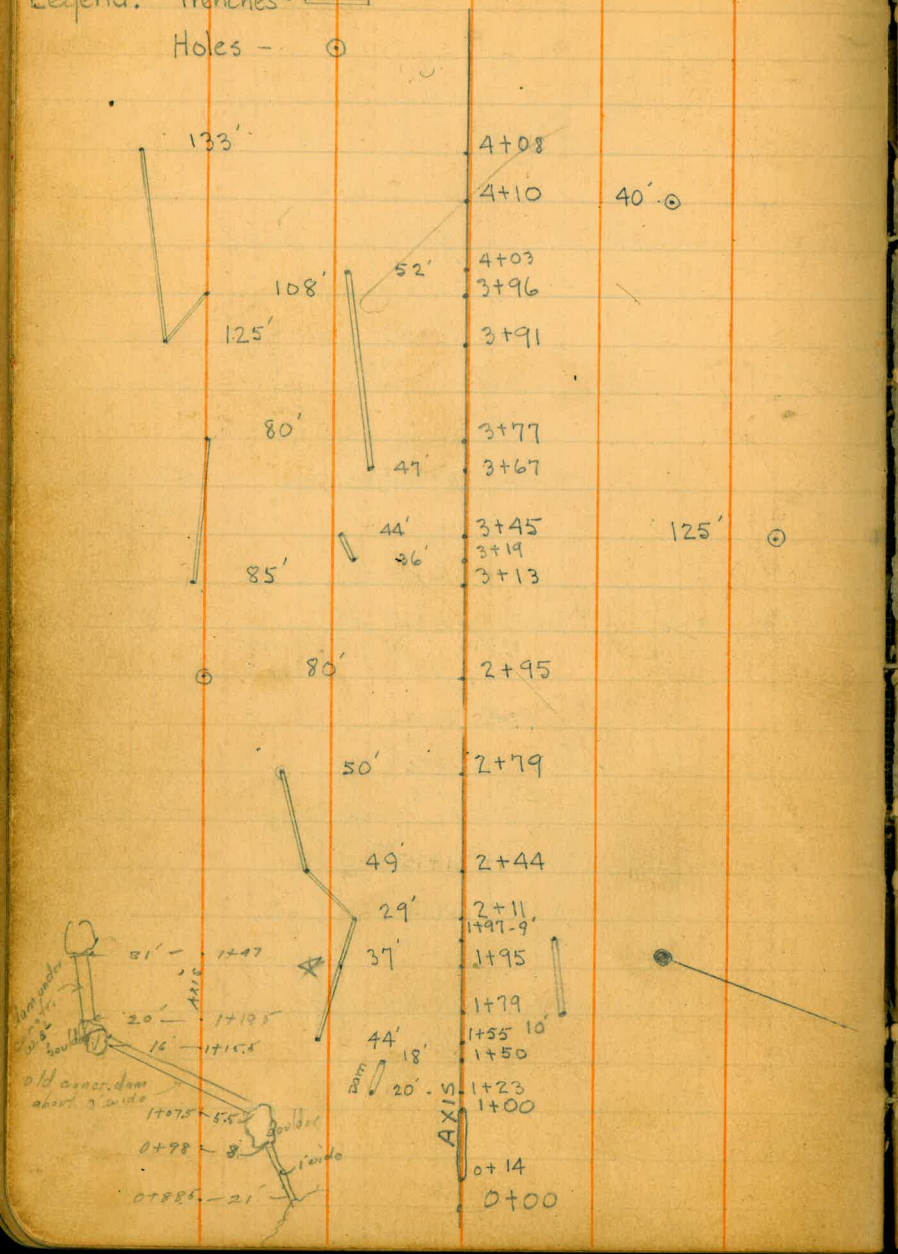
Plotted 9-1-38

Trench and Hole locations - West side

sta. + distances shown at right angles to axis.

Legend: Trenches - ═══

Holes - ⊙



5-26-38

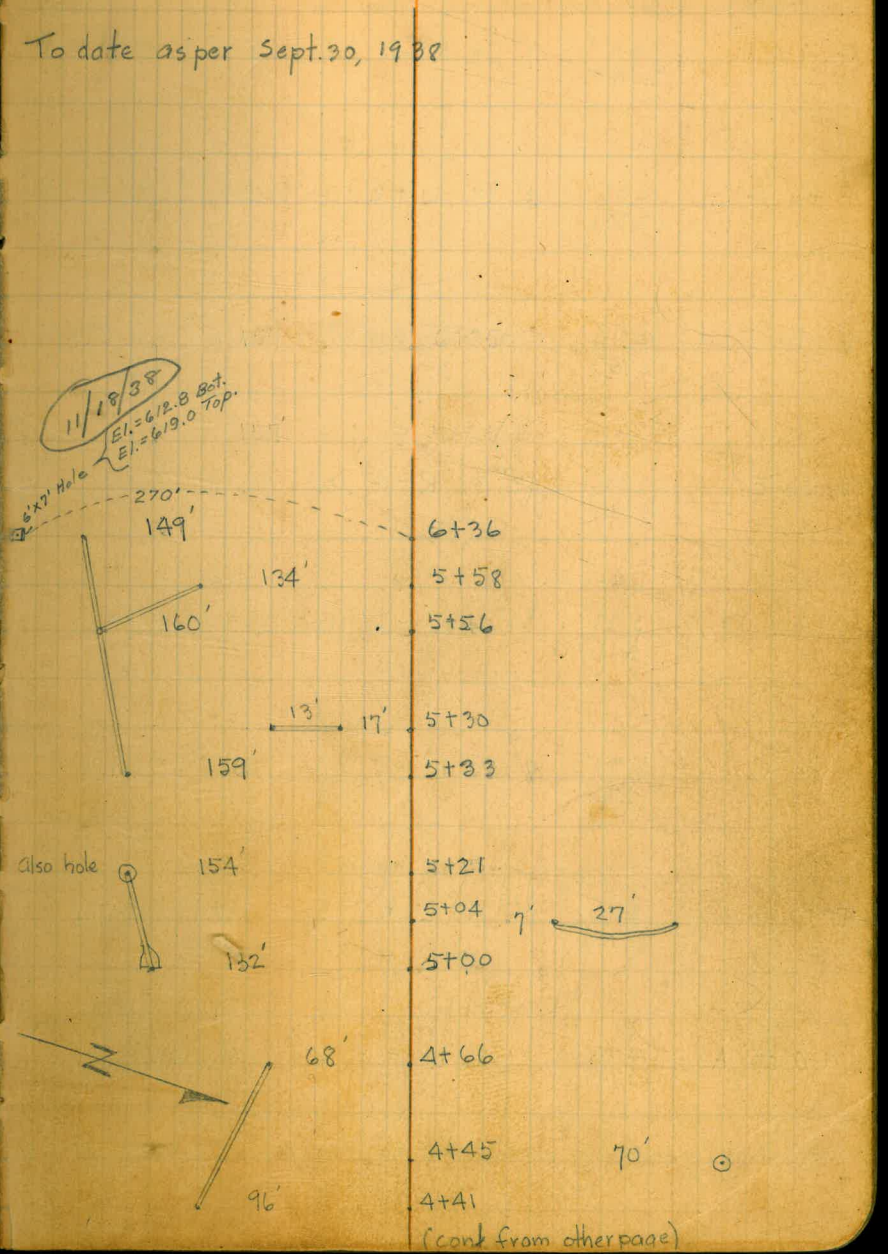
Hill
Osborne
Isbell

319
36

6266

A9

To date as per Sept. 30, 1938



Letter Sta. Line. Meridian Saddle to S line.

Osborne
Isbell
Brooks

6-22-38
Clear - Hot.

60

Sta.	Cordist.	Hor Δ.	Vert Δ.	H.I.	Rod	Elev.	Mag. B
G to H	305' (304)	7° 08' R	-1° 38'	5.1	5.1	-8.7 ✓	N. 1° W.
F to G	233' (232)	4° 17' L	+2° 00'	5.1	5.1	+8.1 ✓	N. 7° 30' W
E to F	276' (275)	P.O.T.	+0° 33'	5.2	5.2	+2.6 ✓	N. 3° 30' W line produced
D to E	135' (135)	12° 38' R	-4° 08'	5.1	5.1	-9.7 ✓	N. 3° 30' W
C to D	531' (530)	34° 43' L	-1° 10'	5.0	5.0	-10.8 ✓	N. 16° 30' W.
B to C ✓ -36 left	271' (270)	8° 50' L	-2° 23'	4.8	4.8	+11.2 ✓	N. 18° 30' E
A to B	296 (295)	16° 43' L	+0° 30'	5.1	5.1	+2.6 ✓	N. 27° E
"M"-0 to A	475' (474)	25° 36' L	-0° 45'	5.1	5.1	-6.2 ✓	N. 45° E

Backsight on M 1 641' distant

Sta.	Cor. Dist.	Hor. Δ	Vert. Δ	H.I	Rod	Elev.	Mag. B.	
O to P	199.5 (200)	P.O.T.	-5° 01′	5.0	5.0	-17.4 ✓		Plotting shot.
N to O	314.0 (313)	0° 20′ L	-0° 38′	5.0	5.0	-3.5 ✓	N. 15° W	
J to N	935.8 (935)	0° 21′ R	+0° 53′	5.0	5.0	+14.4 ✓	N. 15° W.	
J to M	731.0 (730)	P.O.T.	+0° 12′	5.0	5.0	+2.5 ✓		Plotting shot. Sec. Cor. $\frac{13}{18}\frac{17}{12}$ 3.3′ L.
J to L	477.8 (480)	P.O.T.	-4° 43′	5.0	5.0	-39.3 ✓		Plotting. Bottom of draw - N. side.
J to K	218.8 (228)	P.O.T.	-12° 15′	5.0	5.0	-47.3 ✓		Plotting shot - Bottom of draw.
H to J	318.1 (318)	19° 49′ L	+3° 06′	5.1	5.1 ✓	+17.2 ✓	N. 15° 30′ W.	
H to I	195.0 (194)	P.O.T.	+0° 20′	5.1	5.1	+1.1 ✓		Plotting shot.

Rd. mountain

3280′ line thru saddle

O ✓ backsight on N

sta.	Cor. dist.	Hor. Δ	Vert. Δ	H.I.	Rod.	Elev.	Mag. B.	
Q to S	259.7 (259')	4° 19' R	+1° 57'	4.8	4.8	+8.8 ✓	N. 12° 30' W.	End. at S.E. Cor. White corral fence.
Q to R	37.5 (54')	P.O.T.	-33° 38'	4.8	4.8	-25.9 ✓		Bottom of wash
O to Q	500.5 (500)	1° 44' L	-1° 53'	5.0	5.0	-16.4 ✓	N. 16° 30' W	Edge of wash.

X Line - -6%

Osborne
Isbell
Brooks

6-22-38
clear - Hot.

53

sta.	Cor. dist.	Hor. Δ	Vert. Δ	H.I.	Rod.	Elev.	Mag. B.		
X3 to X1	334'		+1° 26'	5.1	5.1		S. 11° E.	on line X0 to X4	
X3 to X2	195		-10° 45'	5.1	12.1		S 11° E	Bottom of wash	line X0 to X4
X0 to X3	550		-3° 09'	5.3	5.3		N. 11° W.	line X0 to X4	C-3.0 to 6%
X0 to X4	715		-1° 29'	5.3	5.3		N. 11° W.	start on top of small dam.	C-24.0 to 6%

S. line cont. from book # 1541

6/23/38 clear & warm

Williams
Hill
Osborne
Isbell
Brookes

7.0
2.5
4.5

6.4

Sta.	Cor. dist.	Hor. Δ	Vert. Δ	H.I.	Rod	Elev.	Mag. B.	
25 to 26	160.9 (160')	26°42'R	+1°26'	4.9	12.2	+4.0 ✓	-3.3	grade
21 to 25	335.8 (335')	26°24'L ✓	+1°26'	5.6	2.7	8.8 ✓ +5.9 ✓	+8.8 S 28° E	C. 7.3
21 to 24	208.9 (208')	14°58'L ✓	+1°26'	5.6	10.0	+5.2 ✓	+0.8	grade
21 to 23	190.9 (190')	1°49'R	+1°26'	5.6	10.0	+4.7 ✓	0.3	grade
21 to 22	103.9 (103')	21°24'R ✓	+1°26'	5.6	10.0	+2.6 ✓	-1.8 ✓	grade
20 to 21	90.5 (90')	25°52'R ✓	+1°25'	5.0	5.0	+6.9 ✓	S 1°30' E	C. 4.4
19 to 20	235.9 (235')	9°29'R ✓	+1°26'	5.3	5.3	+5.9 ✓	S. 29° E	
18 to 19	81.0 (80')	9°19'R ✓	+1°26'	5.1	6.1	+2.0 ✓	S 38° E	

See Page 31 Bk 1541

Sta.	Cor. dist	Hor. ∆	Vert. ∆	H.I.	Rod	Elev.	Mag. B.	
	~~(296)~~		+					
27 to 28	27.4 (29')	73°40'R	+17°00'	5.2	5.2	+8.1 ✓	S 49° W	C 12.8
25 to 27	245.9 (245')	2°34'R	+1°26	4.9	7.4	+6.1 ✓	+3.6 S. 25°30'E	C. 4.8

See Page 67 for tie to H Line

93° 5' 8

Sta.	Dist	Hor L	Ver. L	H.I.	Rod	
X at 33 oriented at 29	.45			4.8	3.3	
Fence Line	2.75	Rt. 85°22'30"	+21°23'	5.0		N.-74°30'E.
P.O.T	.90		+15°40'	4.8		
P.O.T.	.36		+4°33'			

"H" Line - start at N. end Hellers Valley.
North

sta.	Cor. dist	Hor. Δ	Vert. Δ	H.I.	Rod	Elev.	Mag. B.
S28 H-7 to S27		7°16' L					N 48° E
S28 H-6 to H-7	424.9 (+30)	2°5-5' R	-6°5-7'	5.1	10.4	-51.7 -36.6 ✓	N 85° E
H-5 to H-6	250.9 250'	22° 11' L	-1° 10'	4.8	4.8	-5.1 ✓	N. 52° E
H-4 to H-5	357.0 356	18° 11' R	-0° 43'	5.1	13.1	H.I. ✓ -17.5 ✓	N. 75° E
H-3 to H-4	397.0 396	24° 18' R	+0° 12'	5.1	5.1	+1.4 ✓	N. 56° E.
H-3 to H-3A	137.9 137'	125° 31' R	-1° 54	5.0	8.0	-4.5 + 3.5 = -7.5 ✓	
H-1 to H-3	734.4 735	36° 56' R	-2° 48'	5.1	5.1	-36.1 -35.9	N. 32° E.
H-1 to H-2	188.7 190'	0.0	-6° 29'	5.1	5.1	-21.3 ✓	N. 5° W.
H-1 to H-0	707.9 704	0.0	+0° 49'	5.1	5.1	+10.0 ✓	S. 5° E

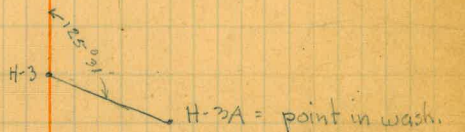
Williams Hill
Osborne
Isbell
Brooks

6-27-38
clear - warm.

5-7

start 6-24-38

End - 6-23-38



H-1

line of H-1 to H-0 produced.
H-2 in wash.

Backsite to H-0 from H-1
H-0 = Begining.

sta.	Cor. dist.	Hor. ∆	Vert. ∆	H.I.	Rod	Elev.	Mag. B.
S 26 to S 28 ∆ H 7 to H 8	52.3 (52')	141°55' L	+6°48'	4.8	4.8		

Note From pt H 1 to S 0, Pl. State Hwy = -3.5%

Shot up hogback

6/24/38 clear
Williams
Hill
Osborne
Isbell
Brookes

H south line - Hellars to Meridian Saddle

South

Sta.	Cor. dist.	Hor. ∆	Vert. ∆	H.I.	Rod	Elev.	Mag. B
7 to 8	157.6 (157')	0°29'R	-2°55'	5.1	5.1	-8.0 ✓	S 10°30'E
6 to 7	375.9 (375')	1°53'R	-1°06'	3.5	3.5	-7.2 ✓	S 16°E
5 to 6	731.0 (730')	1°16'R	-0°31'	5.2	5.2	-6.6 ✓	S 18°E
						-7.0	
4 to 5	671.0 (670')	P.O.T.	-0°37'	5.1	5.1	-7.2	
3 to 4	816.0 (815')	14°05'R	-0°04'	5.1	5.1	-0.9 ✓	S 20°E
2 to 3	376.0 (375')	P.O.T.	-0°17'	5.2	5.2	-1.8 ✓	
1 to 2	396.7 (396')	29°01'L	+1°31'	5.1	5.1	+10.5 ✓	S 32°E
0 to 1	476.5 (476')	P.O.T.	+1°58'	5.2	5.2	+16.3 ✓	S 5°E.

Backsight on H"1

Sta.	Cor. dist.	Hor. ∠	Vert. ∠	H.I.	Rod	Elev.	Mag. B.	
"0" = 10 to "N"		46°04'R					S. 14° E	Tie to pt. "0" on letter line
9 to 10	"0" Letter line = 1081 (1080')	45°00'L	+0°17'	5.1	8.0	+5.3 ✓	S 62°30' E	
8 to 9	181.9 (181')	P.O.T	+1°17'	5.0	5.0	+4.1 ✓		

D Line - Shady Dell to Meridian Saddle

c/25/38 Hot

℄ Williams
Hiff
Osborne
Isbell
Lackey
Brookes

Sta.	Cor. dist.	Hor. Δ	Vert. Δ	H.I.	Rod	Elev.	Mag. B
8 to 9	78.2 (83')	P.O.T.	+15°15'	4.7	4.7	+21.3	
4 to 8	155.9 (158')	P.O.T.	+8°01' ✓	5.0	5.0	+22.1	
4 to 7	137.4 (139')	P.O.T.	+7°55' ✓	5.0	5.0	+19.1	
4 to 6	119.0 (120')	P.O.T.	+7°38' ✓	5.0	3.5	+ 15.9 / 1.5 / 17.4	
4 to 5	22.6 (24')	P.O.T.	-18°18' ✓	5.0	5.0	- 7.7	
0 to 4	405.9 (405')	P.O.T.	+0°45' ✓	5.2	5.2	+ 5.3 ✓	
0 to 3	361.0 (360')	P.O.T.	-0°12' ✓	5.2	5.2	- 1.3 ✓	
0 to 2	340.9 (340')	P.O.T.	-1°19' ✓	5.2	5.2	- 7.8 ✓	
0 to 1	262.9 (262')		-1°24' ✓	5.2	5.2	- 6.4 ✓	S. 77° E

-31% / 70' -43% / 70' . +17% / 65' +12% / 100' "D" 9

-34% / 65' -24% / 50' . +32% / 30' +58% / 50' +12% / 100' "D" 8

-34% / 125' . +27% / 30' +38% / 40' +24% / 100' "D" 7

-34% / 125' . +12% / 35' +23% / 100' "D" 6

< Draw -14% / 65' - - - +17% / 125' - - - "D" 5

90°

-11.5' / 32' W. Edge Pav. -5.1' / 24' Top of cut . +14% / 50 +23% / 100' "D" 4

-6.8' / 12' W. Edge Pav. . +25% / 100' Pt. "D" 3

Pav. on left . +34% / 80' Pt. 2 ft. of Hy. cut

Pt. 1 = E.C. of hairpin curve at Mi. 5.62

Pt. 0 = high point on pave. tang. Elev. 1248.6

℄

Sta.	Cor. dist.	Hor. ∠	Vert. ∠	H.I.	Rod	Elev.	Mag. B.	Notes
12 to 16	440.8 (440')	P.O.T.	-1°26'	5.4	5.4	-11.0		
12 to 15	422.7 (422')	P.O.T.	-1°35'	5.4	12.4	-11.4 / 7.0 / -18.4		Pt. "H ℄ of creek bed
12 to 14	396.7 (396')	P.O.T.	-1°35'	5.4	5.4	-11.0		
12 to 13	136.7 (136')	43°27'R foresight on 10A	-2°13'	5.4	5.4	-6.4	S 2°30'E	Pt. 12 N. side of field, edge of shady belt road.
10A to 12	315.6 (315')	180°00'R	+2°06'	5.0	5.0	+11.6 / -4.8		Note pt. "10A on tang. produced on account of pt. 12 not being visible from pt. "10.
10 to 10A	638.3 (646')	P.O.T.	-6°34'	5.0	5.0	73.5 / -16.4	Level/to Pav. -4.5'/100' -1.0'/50'	+15%/80' +3%/40' -5%/75' ; 68° +20%/80' +26%/200' "D" 12
10 to 11	176 (175')	P.O.T.	-13°35' ✓	5.0	5.0	-42.5	-36%/65' Level/70' -19%/40'	+31%/65' +7%/125' "D" 11
9 to 10	59.8 (60')	P.O.T.	+8°06' ✓	5.8	5.8	+8.5	-28%/60' -15%/40' -50%/40' -33%/35'	+22%/25' +12%/125' "D" 10

Sta.	Cor. dist.	Hor. ∠	Vert. ∠	H.I.	Rod	Elev.	Mag. B.	
23 to 24	235.9 (235')	21°14' L	−0°23'	5.1	5.1	−1.6	S. 26°30' E.	50' – Pt. 23; 6.5 lower than pt. 23
22 to 23	270.8 (270')	6°34' L	+1°30'	5.1	5.1	+7.1	S 6°30' E	
21 to 22	694.2 (696')	21°00' R	+3°45'	5.1	12.1	+45.5 −7.0 +35.5	South	cut 18.8; road; 50' – Pt. 21 cut 30.4
20 to 21	299.6 (304')	18°05' L	+7°41'	5.1	5.1	+40.4	S 22° E	−3' C. 8.0; road; −12'; C 7.7; 31' – Pt. 20 cut 8.1
18 to 20	452.7 (457')	P.O.T.	+6°12'	5.0	12.0	+49.1 −7.0 +42.1		
18 to 19	57.3 (57')	P.O.T.	+6°28'	5.0	5.0	+6.4		grade 0 11' – Pt. 19
17 to 18	71.1 (78')	P.O.T.	+18°34'	4.8	4.8	+22.6		
12 to 17	462.9 (462')	P.O.T.	−0°50'	5.0	5.2	−6.7		

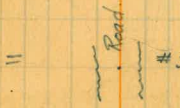
Note crk in bot. of valley averages about 5.0' S. and 4' lower than line from 23 to 26.

Sta.	Cor. dist.	Hor. ∠	Vert. ∠	H.I.	Rod	Elev.	Mag. B.	
31 to 32	174.9 (174)	P.O.T.	-1°41′	5.3	5.3	-5.1 ✓	S 29° E	Road #31 Saddle
30 to 31	158.2 (158)	75°02′ L	+4°16′	5.0	5.0	+11.7 ✓	S 29° E	Road #30 6-27-38
29 to 30	211.9 (212′)	15°39′ R	+4°15′	4.5	4.0	+15.7 ✓	S 46°30′ W	Road Pt. 29
28 to 29	395.9 (396′)	31°39′ L	+3°07′	5.1	5.1	+21.5 ✓	S 30° W	Road 25′ - 28
27 to 28	412.0 (411′)	31°25′ R	+0°20′	5.2	5.2	+2.4 ✓	S 61°30′ W	Road
26 to 27	450.9 (450′)	16°30′ L	+1°00′	5.0	5.0	+7.8 ✓	S 30° W	Pt 26 Road
25 to 26	930.9 (930′)	15°38′ R	+0°41′	5.1	5.1	+11.1 ✓	S 46°30′ W	Pt. 25 Road
24 to 25	240.9 (240′)	59°19′ R	+1°14′	5.0	5.0	+5.2 ✓	S 32° W	-15½ Road Pt. 24

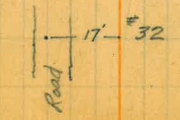
Line crosses valley bet 26 & 27. Pt. 27 on S. slope - crk 100' W ± 5' lower

Note line on N. slope of valley from pt. 22 to 26

Sta	Cor Dist	Hor Δ	Vert Δ	H.I	Rod	Elev	Mag B.
36="C" to "B"		16°08R.					S 20° W
C on letter line = 35 to 36	246.6 (2.46)	6°18'R	+2.27	5.1	5.1	+10.5 ✓	S 3°30 W.
34 to 35	223.7 (2.23)	22°28 L	+2°02	5.2	5.2	+7.9 ✓	S 5° E
33 to 34	755.0 (7.54)	8°28'R	+0°28'	5.2	5.2	+6.1 ✓	S 19°30'W.
32 to 33	611.0 (6.10)	40°11R	0	5.0	5.0		S 11°30' W.



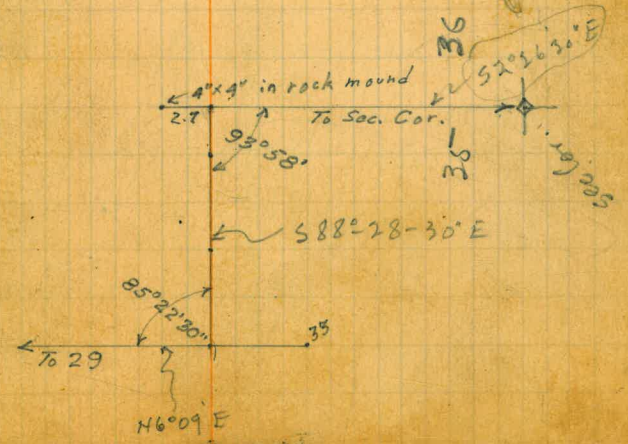
True Course of ∥ Coordinates of Earth
S 34°42' W



8-1-38
Williams
Hill
Isbell
Brooks

Ties to cors. on W. line Sec. 36

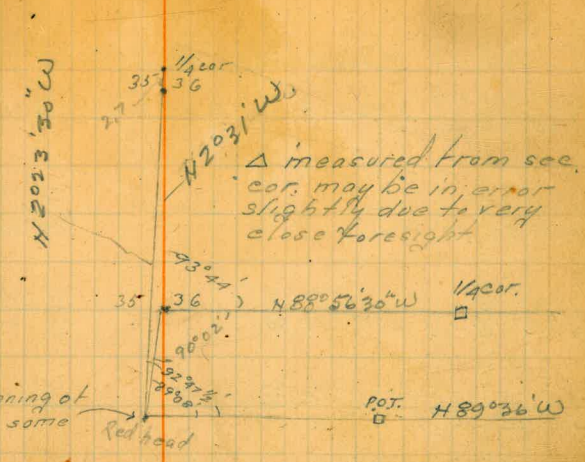
Sta	Stadia Dist.	Hor. ∠	Vert. ∠	H.I.	Rod.	mag.
X at #5 ∠ to Left fr. #3	16.00 (1594.1)	91°47' L.	-3°46'	4.7		S. 75° W.
"W-1 to ¼ cor.	22.00 (2136.7)	0°51' L.	-9°50'	5.0		
"W-1 to Rock Md.	17.00 (1609.0)	3°0' R.	-13°27'	5.0		
Sec. Cor. To #W.1	4.10 (410.8)	95°24' L.	+1°06'	4.5		N. 75°30' E.
Sec. Cor. N 2. to N 3	16.00 (1532.3)	6°18'30" R.	+11°57'	5.0		N. 9° W.
N.1 to N 2	10.00 (999.7)	P.O.T.	+2°06'	4.9		N. 16°30' W.
"N" to N.1	6.30 (629.3)	2°26'30" R.	+3°0'	5.0		N. 17° W.
Rock Mound 0+00	5.90 (589.3)	3°03'30" R.	+3°02'	5.0		N. 16°30' W.
Sec. Line	2°26'30" Rt. Fr.		B.S. on	Sec. Cor.		
P.O.T.	.36 (36.8)		+4.33'	4.8		
P.O.T.	.90 (84.4)		+15°40'	4.8		
Fence Line Sight at 29	2.75 (239.3)	Rt. 85°22'30	+21°23	5.0		N. 74°30' E.
X at 33 Sight at 29	.45 46.0			4.8	3.3	46.°



27.50 of

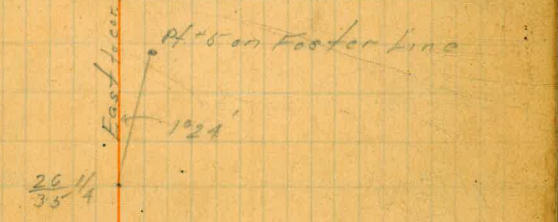
Tie to northerly 1/4 cor. from S.W. cor. sec. 36

	Dist.	Hor. ∠	Vert. ∠
sec. cor. 35/36	2017.6 (2020')	93°44' L. foresight on easterly 1/4 cor	+2°25'
Pf. 61 S. of cor.	2078.5 (2080')	92°47'30"	+2°02'



Tie from 1/4 cor. on southerly line of sec. 26 to Pf. "5" on Oathill-Foster line

1/4 cor. 25/35	1591.1 1600.	1°24' R foresight on sec. line	+3°47'



Tie to 1/4 cor. bet. sec.s 26 & 25 from pt. 4 on N. line

∆ pt. to 1/4 cor.	170.1 (198')	61°16' L	-22°26'
4 to ∆ pt.	117.6 (161')	102°30' R foresight on pt. "9"	-90°54'

8-12-38

Hill
Isbell
Leakey
Brooks

All Ls Turned From Point "A" on Island to Right

59° 54' 30" } From 1/4 cor. 31 ∗ 36 to 1/4 cor. 25 ∗ 30
239° 39' 30" }

36° 29' } " 1/4 cor. 25 ∗ 30 " 24 | 19 / 25 | 30
145° 56' 30" }

106° 19' } " 24 | 19 / 25 | 30 " 19 | 20 / 30 | 29
425° 14' }

14° 15' 30" } " 19 | 20 / 30 | 29 " 1/4 cor. 20 ∗ 29
57° 02' 30" }

5° 43' 30" } " 1/4 cor. 20 ∗ 29 " 20 | 21 / 29 | 28
22° 54' }

70° 49' } " 20 | 21 / 29 | 28 " Point "B"
283° 16' 30" }

137° 18' } " 20 | 21 / 29 | 28 " 1/4 cor. 36 ∗ 31
549° 13' }

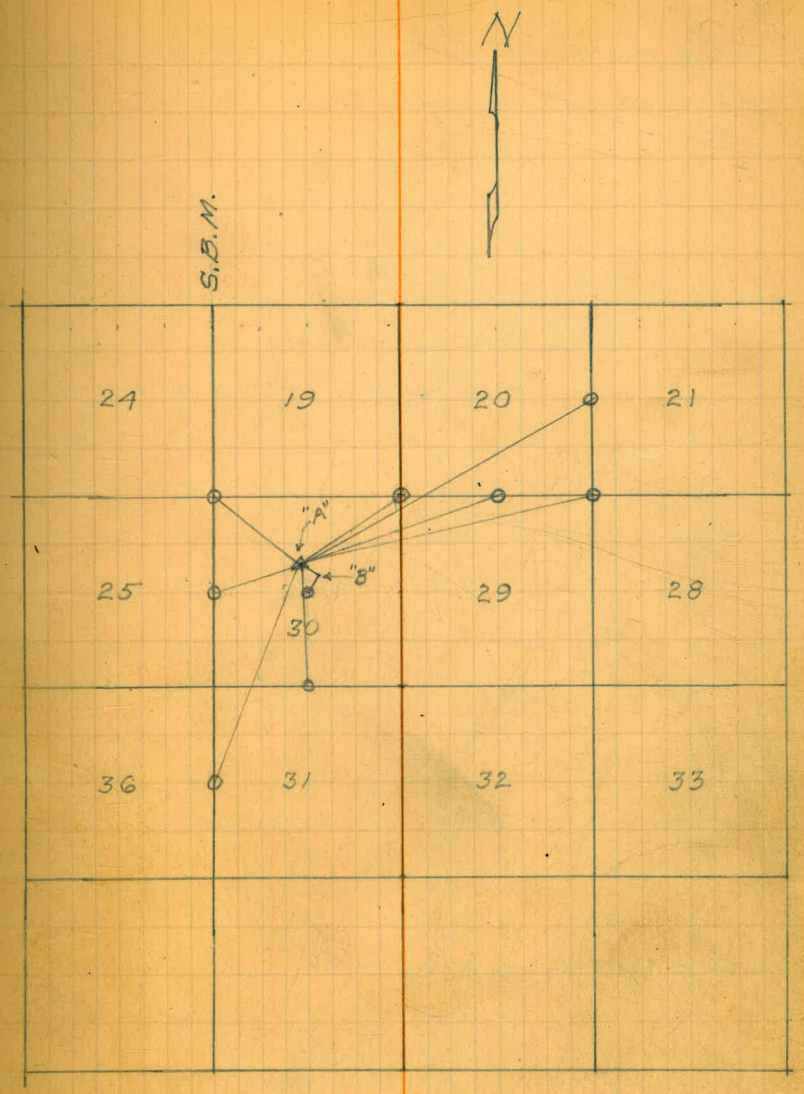
111° 20'' } " 24 | 19 / 25 | 30 " 1/4 cor. 20 ∗ 21
445° 20' }

98° 05' } " 20 | 21 / 29 | 28 " 1/4 cor. 30 ∗ 31
392° 19' }

Con 1/4 to S. 1/4 cor. 29.82 6° 46' R. -4° 57'

"B" to Con. 1/4 cor. 1.5-4.0 / 1.88 23° 08' R. -25° 37'

Fr. "A" to "B" 274.3 / 2.81 -9° 35'

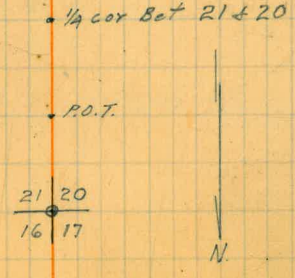


8-12-38

Hill
Isbell
Leakey
Brooks

Tie from N.E. cor. sec. 20 (Bradley's) to 1/4 cor. 1/2 mile south.

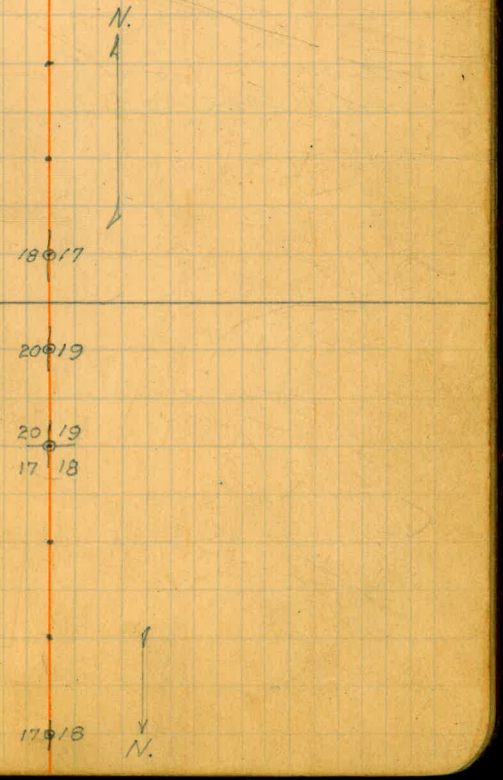
P.O.T. to 1/4 cor.	3047.2 (3060)	-3° 56'
Sec. cor. to P.O.T.	91.1 (.95)	+7° 21'
Sec. Cor		



8-16-38 Hill Isbell Leckey Brooks

Tie from S.W. cor. sec. 17 to 1/4 cor. on N. Line sec. 17

Sta.	Int.	Hor. ∠	Vert. ∠	Mag.
in creek 1/4 cor. to pt.	86.6 (87')	67°30'30" 33°46'30" R.	- 9°40'	S. 77° E
3 to 1/4 cor.	1961.3 (19.50) +87'	23°40 11°50 R.	-11°11'	N. 68° E.
2 to 3	1063.3 (1090')	41°41' 20°50'30" R	- 9°11'	N 51° E
1 to 2	817.3 (820')	98°42' 49°21' R.	+ 3°51'	N 34° E
8/17/38				
~~#1 to #2~~	~~12.50~~	~~P.O.T.~~	~~3°40'~~	
1/4 cor. to #1	1681.4 17.00	3°47'15" R.	+ 6°17'	N. 16° W.
1/4 cor. 17+18	X oriented at #1 South.			
Sec. cor. to 1/4 cor.		4°58' R.		
2 to Sec. cor.	187.1 2.10	23°22' R.	-19°45'	S. 24° E
1 to 2	1432.8 14.40	27°51'30" L.	- 4°21'	S. 49° E
1/4 cor. to #1	1535.3 15.46		+ 5°00'	S. 19°30' E.
1/4 cor. 17+18				

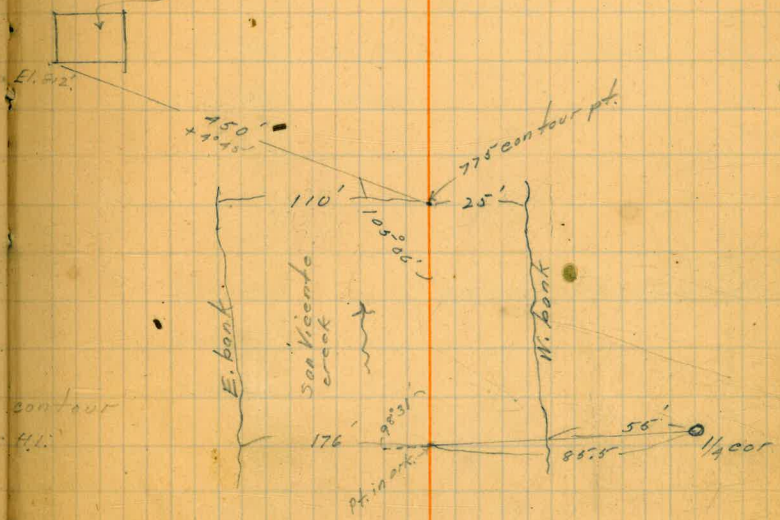


8-17-38 Hill Isbell Leekey Brooks

Loc. of 775' contour from 1/4 cor. on N. Line sec. 17

Sta	+	π	−	Elev.		
786 Contour	3.30	789.30		786.00		
TP	2.82	784.91	7.21	782.09		
			8.22	776.69		
to 775 contour pt. in creek	391.0 (390')	197°01'30" 98°31' R		-6.9 +5.22	775.0 781.91	contour H.I.

786 Contour in San Vicente Creek bed



Note S.P.I. - Kimball tract at crk. - El. 760.

Nail in oak at Sta 0 of Pt 1 BM	6.85	1242.85		1236.0
		~~2.10~~	2.10.	1240.75
On D Line	10.14	1250.89		
Pt. 1			8.70	1242.19
Pt 0			2.27	1248.62
100' N of Pt 0			1.17	1249.72
B.C. of curve at 142+22.19	5.09	1297.47		1292.38
Pt 0			2.24	1295.23
100' N of 0			0.29	1297.18

Tie from 1/4 cor. on N. line of sec 17 to N.E. cor. of sec. 17.

To sec. cor	976.0 (975')	73°31'30" R	+0°14'	S 46° E
1/4 cor. to Pt 1 back sight on pt. 3 from 70	2476.8 (2486')	8°36' L	+3°49'	

36 to 37	27°6-7' R	S 53° W
35 to 36	32°20' R	S 26°30' W.
31 to 35	11°44' L	S 7°30' E
33 to 34	P.O.T.	

N 3°43' W 1/4 to Tan. Cor.

15 2° 16 3°

P.I. Sta. 143+10.13
about edge of pave.
ret. pt. 26' L. of P.I.

Δ

142+22.19 P.C.

Δ 19°59' R
R. 500
T. 87.94
L. 174.10

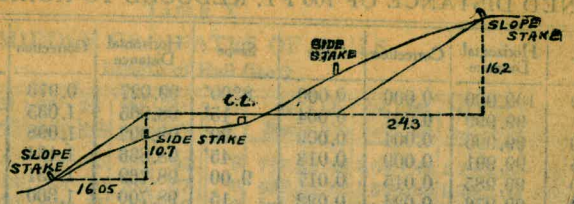
EC. 143+96.29

Elev. Sta. 142 = 1291.89
B.M. 10' L 141+44 Oaktree R.R. spike
El. 1292.0

Broken In 9712

73.5
57.1
16.4

IMPROVED TABLES AND INFORMATION



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1 65	1 80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3 45	3.60	3 75	3.90	4.05	4.20	4 35	2
3	4.50	4 65	4.80	4.95	5 10	5 25	5 40	5.55	5.70	5.85	3
4	6.00	6 15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7 50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9 00	9 15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10 65	10.80	10.95	11.10	11.25	11.40	11.55	11 70	11.85	7
8	12.00	12 15	12.30	12.45	12.60	12.75	12.90	13 05	13.20	13.35	8
9	13 50	13 65	13 80	13 95	14.10	14.25	14.40	14 55	14.70	14.85	9
10	15.00	15 15	15 30	15 45	15.60	15.75	15.90	16.05	16.20	16 35	10
11	16 50	16 65	16 80	16.95	17 10	17.25	17.40	17.55	17.70	17.85	11
12	18 00	18 15	18.30	18 45	18.60	18 75	18.90	19.05	19.20	19 35	12
13	19 50	19 65	19.80	19.95	20.10	20.25	20 40	20.55	20.70	20.85	13
14	21.00	21 15	21.30	21.45	21 60	21.75	21.90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24 15	24 30	24 45	24.60	24.75	24 90	25 05	25.20	25.35	16
17	25.50	25 65	25.80	25 95	26.10	26 25	26 40	26.55	26.70	26.85	17
18	27.00	27 15	27.30	27 45	27.60	27.75	27.90	28.05	28 20	28.35	18
19	28 50	28 65	28 80	28.95	29.10	29.25	29 40	29.55	29.70	29.85	19
20	30 00	30 15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31 50	31 65	31.80	31.95	32 10	32 25	32.40	32.55	32 70	32 85	21
22	33 00	33 15	33 30	33 45	33.60	33 75	33.90	34.05	34.20	34.35	22
23	34 50	34 65	34.80	34.95	35.10	35 25	35 40	35.55	35.70	35 85	23
24	36.00	36 15	36.30	36 45	36.60	36.75	36.90	37.05	37 20	37.35	24
25	37.50	37.65	37 80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39 00	39 15	39.30	39 45	39 60	39.75	39.90	40.05	40.20	40.35	26
27	40 50	40 65	40 80	40.95	41.10	41.25	41 40	41.55	41.70	41.85	27
28	42 00	42 15	42.30	42.45	42.60	42 75	42.90	43.05	43.20	43.35	28
29	43 50	43 65	43.80	43 95	44.10	44 25	44 40	44.55	44.70	44 85	29
30	45 00	45 15	45.30	45 45	45.60	45.75	45 90	46.05	46 20	46.35	30
31	46.50	46.65	46.80	46 95	47.10	47.25	47.40	47.55	47 70	47.85	31
32	48 00	48.15	48.30	48 45	48.60	48 75	48.90	49.05	49 20	49.35	32
33	49.50	49 65	49.80	49.95	50.10	50.25	50.40	50.55	50 70	50.85	33
34	51 00	51.15	51.30	51.45	51.60	51.75	51 90	52.05	52.20	52.35	34
35	52 50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54 00	54 15	54.30	54 45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55 50	55 65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57 00	57.15	57.30	57 45	57.60	57 75	57.90	58.05	58.20	58 35	38
39	58 50	58.65	58 80	58 95	59.10	59 25	59.40	59 55	59.70	59.85	39
40	60 00	60 15	60 30	60 45	60 60	60.75	60 90	61.05	61 20	61.35	40
41	61.50	61 65	61 80	61 95	62 10	62 25	62.40	62 55	62 70	62.85	41
42	63 00	63.15	63 30	63 45	63 60	63 75	63 90	64 05	64 20	64.35	42
43	64.50	64 65	64 80	64.95	65.10	65 25	65 40	65.55	65.70	65.85	43
44	66 00	66 15	66 30	66.45	66.60	66 75	66.90	67.05	67.20	67.35	44
45	67 50	67 65	67 80	67 95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69 00	69 15	69 30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70 50	70 65	70 80	70 95	71.10	71.25	71 40	71.55	71.70	71.85	47
48	72.00	72 15	72.30	72.45	72.60	72.75	72.90	73 05	73.20	73 35	48
49	73 50	73 65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

1483
88
11469.
11464
1261.04

15-35.3
1241.0
1720
2968.3

187
92
279
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59-54-45
36-29-08
106-18-30
14-15-38
5-43-30
137-18-08
359 179-59
159-39

775
37
812

Top of lath at 1/4 cor. = 913.96

108,30

23-07-50
6)138-47
42
5

B 12 m.

393 = S. Flag

305

1.7626.6
13.8
612.8

8.8
9.8

1600
357
1243
2
2486

626.6
7.6
619.0

80.8
76.8
4.0

91-47

91-46-30
2)183-33
60
9.3

A = 2.92 10.6 5.5

35-51
2
71-42

B = 5.52
2.92
2.60

5.20
2.60
2.60

189
43-27
136.23

.95
7-21

998
21
1996.6
21
2017.6

998.8
2
1997.6
80.9
2078.5

995.9
597.5
1
1594.4

1.88 -25° 37'
2.81 +9° 35'

23°-08'-
23°-07'-50"

6-45-43
2)13-31-30

4)445-20
111-20

6-46-30
13-32