

STADIA SURVEY NOTES

AREA Barrow STATE or PROVINCE Alaska PAGE No. 5
 LINE No.(s) K PARTY No. 195 DATE 12 Day 1 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Wind + Snow P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1	Starting Elev. was taken from old line "B" sp. 15 then worked														
2	Back to tailspread on spl. Line "K"														
3											33.3				
4	1265	1925	V					+7.0	+7.0	40.3				Tail spread	
5		880	V					-5.6	-5.6		34.7			sp1	
6		440	V					-4.8	-4.8		35.5			sp2	
7		00	V					-5.2	-5.2		35.1			sp3	
8		440	V					-5.2	-5.2		35.1			sp4	
9		880	V					-6.0	-6.0		34.3			sp5	
10		1320	V					-8.0	-8.0		32.3			sp6	
11		1320	V					+8.0	+8.0	40.3					
12		880	V					-7.8	-7.8		37.5			sp7	
13		440	V					-6.6	-6.6		33.7			8	
14		00	V					-5.2	-5.2		35.1			9	
15		440	V					-2.2	-2.2		36.1			10	
16		880	V					-7.2	-7.2		33.1			11	
17		1320	V					-8.8	-8.8		31.5			12	
18		1320	V					+3.4	+3.4	34.9					
19		880	V					-5.0	-5.0		29.9			13	
20		440	V					-5.8	-5.8		29.1			14	

STADIA SURVEY NOTES

AREA Barrow

STATE or PROVINCE Alaska

PAGE No. 6

LINE No.(s) K

PARTY No. 195

DATE 1

Day 12 Mo. 72

Yr. BOOK No. 2

SURVEYOR Byrd

RODMAN Myers

WEATHER: Good

P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												34.9				
2		00	✓								-5.2		29.7		SP 15	
3		440	✓								-4.0		30.9		15	
4		880	✓								-3.6		31.3		16	
5		1320	✓								-1.2		33.7		18	
6		1320	+	0° 32'	0.93						+12.0	12.3	-0.3	33.4		
7		880	+	0° 32'	0.93						+5.0	+8.2	+3.2	36.6		
8		440	+	0° 32'	0.93						-3.2	+4.1	+0.9	34.3		
9		00	✓								-5.2		28.2			
10		440	✓								-8.0		25.9		22 Worked Back	
11		880	✓								-8.8		24.6		23 To sp 1	
12		1320	✓								-7.6		23.8		24	
13		1320	✓								+6.2	+6.2	30.0			
14		880	✓								-6.2		23.8		25 Starting Elev.	
15		440	✓								-6.0		24.0		26 Ref.	
16		00	✓								-5.2		24.8		27 Page 5	
17		240	✓								-4.3		25.7		Well No. 10 Book 1	
18		440	✓								-6.4		23.6		28	
19		880	✓								-8.6		21.4		29	
20		1320	✓								-8.8		26.2		30 = 23 SP 15	

ON LINE B CROSS

WORKED BY BB

CHECKED BY 1st BM

2nd

STADIA SURVEY NOTES

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 LINE No.(s) K PARTY No. 195 DATE 1 Day 12 Mo. 72 Yr. BOOK No. 2
 SURVEYOR BYRD RODMAN MYERS WEATHER: GOOD P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												21.2	0			
2		00	V					+5.0		+5.0	26.2					SP 30
3		2400	V					-4.0		-4.0		22.2				Well # 11
4																
5		1200						6.8				21.2	0			sp 30
6		880	V					+6.8		+6.8	28.0		Δ			
7		440	L					-5.6		-5.6		22.4				SP 31
8		00	V					-5.2		-5.2		22.8				32
9		240	V					-1.8		-1.8		26.2				Well # 6 sp 2/2 W.
10		440	L					-6.8		-6.8		21.2				33
11		880	L					-9.8		-9.8		18.2				34
12		1320	L					-11.2		-11.2		16.8				35
13		1760	L					-12.0		-12.0		16.0	0			36
14		880	L					+4.0		+4.0	20.0		Δ			
15		440	V					-7.6		-7.6		12.4				37
16		00	L					-5.2		-5.2		14.8				38
17		440	V					-4.8		-4.8		15.2				39
18		880	L					-6.6		-6.6		13.4	0			40
19		880	L				T	+2.6	-4.4	-1.8	11.6		Δ			
20		440	L				T	-4.6	+2.2	-2.4		9.2				41

WORKED BY BB

CHECKED BY 1st JM

2nd

STADIA SURVEY NOTES

AREA Barrow STATE or PROVINCE Alaska PAGE No. 8
 LINE No.(s) K PARTY No. 195 DATE 12 Day 1 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Good P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												11.6				
2		00	✓								-5.2	6.4		SP	42	
3		440	✓								-8.0	3.6			43	
4		880	✓								-5.4	6.2	⊙	⊙	44	
5		880	✓								+4.0	10.2	Δ	⊙	45	
6		440	✓								-2.0	9.2			45	
7		00	✓								-5.2	5.0			46	
8		440	✓								-8.2	2.0			47	
9		220	✓								-7.8	2.4	⊙		48	
10		880	✓								+13.6	16.0	Δ		49	
11		440	✓								-8.2	7.8			50	
12		00	✓								-5.2	1.8			51	
13		440	✓								-7.8	5.2			52	
14		880	✓								-7.8	8.2	⊙		53	
15		880	✓								+3.2	11.4	Δ		54	
16		440	✓								-10.0	1.4			55	
17		00	✓								-5.2	6.2			56	
18		440	✓								-2.0	9.4			57	
19		720	✓								+3.0	+3.6			58	
20		880	✓								+2.4	+4.4			59	

WORKED BY BB CHECKED BY 1st GM 2nd ✓

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 SURVEYOR Byrd RODMAN Myers WEATHER: Good P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2												13.4	⊙	56		
3		880	✓			T +8.2	-4.4	+3.8	+3.8	17.2			Δ			
4		440	✓					-4.6	-4.6			12.6		57		
5		00	✓					-5.2	-5.2			12.0		58		
6		440	✓					-10.0	-10.0			7.2		59		
7		880	✓			B +7.6	-4.4	-12.0	-12.0			5.2	⊙	60		
8		880	✓			B +6.6	+4.4	+11.0	+11.0	16.2			Δ			
9		440	✓					-7.0	-7.0			9.2		61		
10		00	✓					-5.2	-5.2			11.0		62		
11		440	✓					-5.6	-5.6			10.6		63		
12		880	✓					-6.4	-6.4			9.8	⊙	64		
13		880	✓					+4.8	+4.8	14.6			Δ			
14		440	✓					-5.6	-5.6			9.0		65		
15		00	✓					-5.2	-5.2			9.4		66		
16		440	✓					-6.0	-6.0			8.6		67		
17		880	✓					-7.8	-7.8			6.8	⊙	68		
18		440	✓			T +4.0	-2.2	+1.8	+1.8	8.6			Δ			
19		00	✓					-5.0	-5.0			3.6		69		
20		825	✓					+0.8	+0.8			-2.2	T.P.	SEA LEVEL		

WORKED BY BB

CHECKED BY 1st GM

2nd P