

NAPASKIAK-VSW WELL DRILLING PROJECT WELL DRILLING REPORT

TIME	DEPTH	FORMATION	OWNER OF WELL
	5' 10"		HOUSE #
	GROUND		POST OFFICE
	SOFT BLUE CLAY		COUNTY
	7'		EXACT LOCATION
	HARD BLUE CLAY		DRILLING COMPANY <u>Roy's SERVICES 21774</u>
	11'		DRILLER <u>Roy LONGBOTHAM Jr.</u>
	SOFT BLUE CLAY		HELPER <u>Roy LONGBOTHAM JR</u>
			INSPECTOR <u>MARIO</u>
			DRILLING METHOD <u>CABLE TOOL</u>
			CIRCULATION MATERIAL
	22'		DRILLING STARTED <u>7/8/93</u> ENDED <u>7-10-93</u>
	24' SAND WATER		DEPTH RECORD
	STAT LEVEL 8 ft.		MEASURING KIND FROM TO SIZE FROM TO
	SOFT BLUE CLAY		PERFORATIONS
	32'		CASING 6" 19.27' @ ft.
	CLAY SAND		BITS 6"
	40' BOTTOM CASING		GROUTING
	SAND		GRAVEL PACK 10'
			JOINTS USED <u>WELDED</u>
	SAND		SCREENS USED <u>2-5' STAINLESS STEEL 10 SLOT</u>
	REAL FINE		STATIC WATER LEVEL <u>5' 1" FROM GROUND LEVEL</u>
	50 ft.		CAPACITY <u>20 gal @ 8 ft. DRAWDOWN</u>
			HOW DETERMINED <u>PUMPING</u>

SHOW EXACT BOTTOM DEPTH

SIGNED Roy Longbotham Jr. DATE 7/20/93

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To <u>Jordan</u>	From <u>Mario Arto</u>	
Co. <u>J.M.</u>	Co. <u>USW</u>	
Dept.	Phone # <u>273-4210</u>	
Fax # <u>501-2723</u>	Fax #	

NAPASKIAK-VSW WELL DRILLING PROJECT WELL DRILLING REPORT

7-8-93

TIME DEPTH FORMATION OWNER OF WELL

3:00 1-7' SOFT BLUE CLAY HOUSE #

4:30 7-11' HARD HEAVY CLAY POST OFFICE

7:40 11-16' SOFT BLUE CLAY COUNTY

7:45 16-22 " " " EXACT LOCATION

8:45 22-24' SAND & WATER DRILLING COMPANY ROY'S SERVICES 21776

10:00 24-26' SOFT BLUE CLAY DRILLER ROY LONGBOTHAM JR

7-9-93 26-30' " " " HELPER ROY LONGBOTHAM JR

11:35 30-32' " " " INSPECTOR MARIO R

11:45 32-33' CLAY & FINE SAND DRILLING METHOD CABLE TOOL

2:00 33' - 39' FINE SAND & WATER CIRCULATION MATERIAL

3:35 39 - 41 " " " DRILLING STARTED 7-8-93 ENDED 7-13-93

6:55 41-44 GOOD WATER SAND DEPTH RECORD 50 ft.

8:20 44-44' " " " MEASURING KIND FROM TO SIZE FROM TO PERFORATIONS

7/10/93 4:45 44'-47' WATER SAND CASING 6" 19.27 lb. @ ft.

6:20 47-50 REAL FINE SAND UNCLASSIFIED BITS 6"

50 ft. BOTTOM GROUTING ENVIROPLUG

GRAVEL PACK

JOINTS USED WELDED

SCREENS USED 2-5' STAINLESS STEEL 108 LOT

STATIC WATER LEVEL 5' 1"

CAPACITY 20 gal @ min 8 ft. DRAWDOWN (APP. 50 gal @ min)

HOW DETERMINED PUMPING

SHOW EXACT BOTTOM DEPTH

SIGNED ROY LONGBOTHAM JR 7/20/93 DATE

NAPASKIAK-VSW WELL DRILLING PROJECT
AQUIFER TEST FIELD DATA SHEET

Project No. _____ Project Name _____

NAPASKIAK-VSW WELL _____ Well # _____

Location of Well

NAPASKIAK, AK EST END OF VILLAGE _____

Depth of Well 50 ft. Length of Casing 11'2" ft. } SCREEN + PACKER

Pumped Well/Observation Well

If Observation Well, Dist. to Pumped Well 18 ft. Top of

Top Casing to Static Level 10

Date Drilling Completed 7-13-93 Driller Ray Longbottom

Date Tested 7-14-93

Depth to Drawdown 18' Elapsed Time _____ Depth to Drawdown

Clock Since Pumping _____ Water @ _____ gpm Clock Since

Pumping _____ Water @ 20 gpm

7/13/73

DEVELOPING BY SURGE PLUNGER

F. TO TIME	TO TIME	START TIME	END TIME	TOT TIME	mi.
12:05	12:15	36		10	
12:25	12:45	36	3"	20	
1:55	2:05	36	13"	70	
2:15	4:15	36	10"	120	
4:30	6:30	36	4"	120	
6:40	7:40	40	1"	60	

PLT IN TEST PUMP

	MIN	DRAWN DOWN	MIN
0-5	1	15 3	1
2	2	17 3	2
	3	17 2	3
	4	17 1 1/2	4
	5	17 1	5
5-30	1	17 2	10
	2	17 2	15
	3	17 1 1/2	20
	4	17 1 1/2	25
	5	17 1	30
30-90	1	17 1	40
	2	17 2	50
	3	17 1	60
	4	17 1 1/2	70
	5	17 1 1/2	80
	6	17 1 1/2	90
90-24	1	17 1 1/2	2 HR
	2	17 1 1/2	2 1/2
	3	17 1 1/2	3
	4	17 1 1/2	3 1/2
	5	17 1 1/2	4
	6	17 1 1/2	4 1/2
	7	17 1 1/2	5
	8	17 1 1/2	5 1/2
	9	17 1 1/2	6

CASING IS 5' ABOVE GROUND & STAT
LEVEL OF WATER IS 5 FT. SO 10 FT.
IS TO BE TAKEN OFF EACH MEASUREMENT
PUMPING 20 gal @ MIN

70-24

TIMES DRAW
DOWN

TEST

PUMPING SHEET # 2

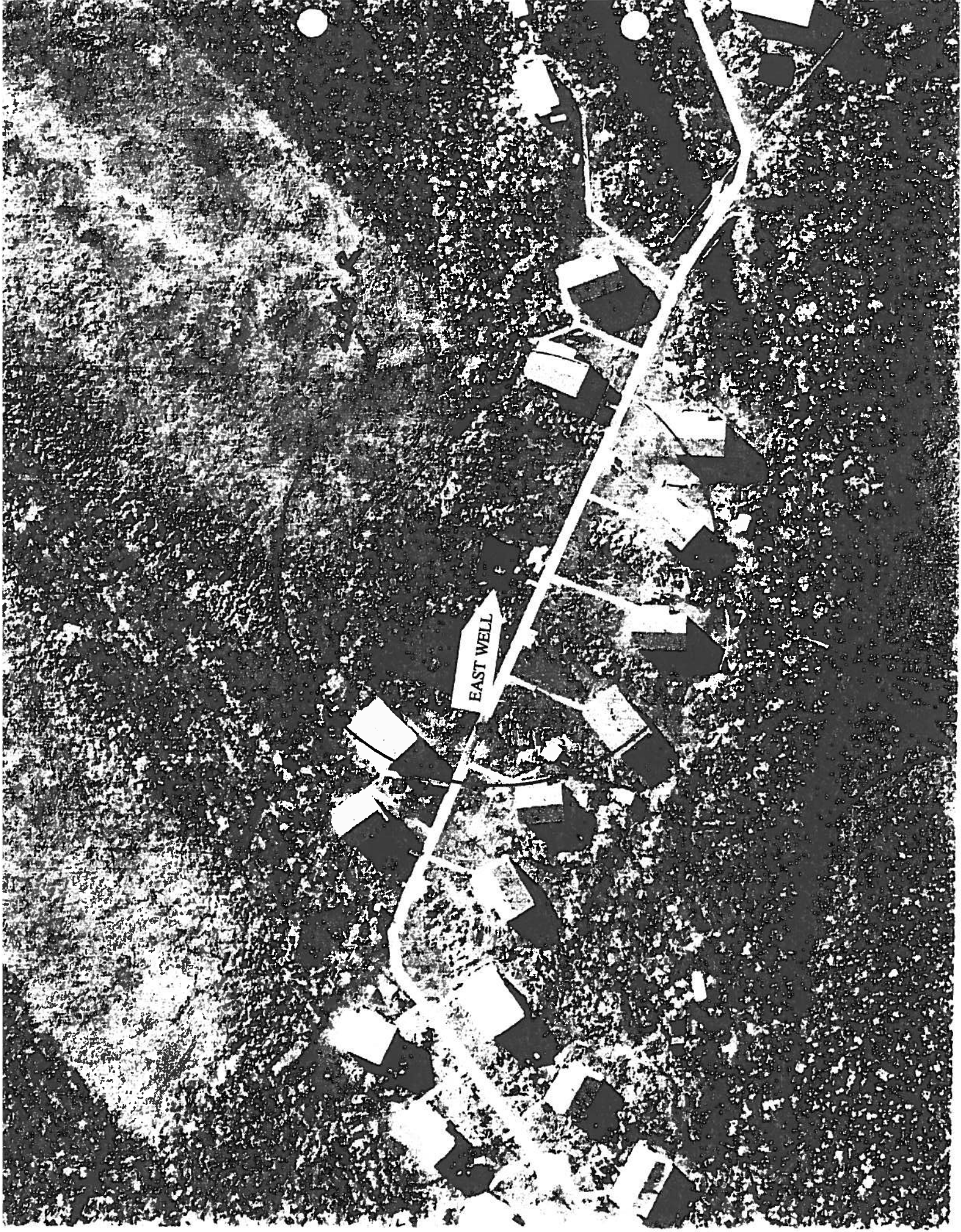
10	18 ¹	6 ¹ Hours
11	18	7 "
12	18 ^{1 1/2}	7 1/2 "
13	18 ^{1 1/2}	8 "
14	18 ²	8 1/2 "
15	18 ³	9 "
16	18 ^{3 1/2}	9 1/2 "
17	18 ⁴	10 "
18	18 ⁵	10 1/2 "
19	18 ^{5 1/2}	11 "
20	18 ⁶	11 1/2 "
21	18 ⁷	12 "
22	18 ^{7 1/2}	12 1/2 "
23	18 ⁸	13 "
24	18 ⁹	13 1/2 "
25	18 ⁸	14 "
26	18 ^{8 1/2}	14 1/2 "
27	18 ⁸	15 "
28	18 ⁹	15 1/2 "
29	18 ⁷	16 "
30	18 ⁷	16 1/2 "
31	18 ⁵	17 "
32	18 ⁵	17 1/2 "
33	18 ^{5 1/2}	18 "
34	18 ^{3 1/2}	18 1/2 "
35	18 ^{2 1/2}	19 "
36	18 ^{2 1/2}	19 1/2 "
37	18 ^{2 1/2}	20 "
38	18 ³	20 1/2 "
39	18 ^{1 3/4}	21 "
40	18 ^{2 1/2}	21 1/2 "
41	18 ³	22 "
42	18 ³	22 1/2 "
43	18 ^{2 1/2}	23 "

9-24

TIMES REV. HOURS

44	18 ³	23 1/2
45	18 ³	24

STOPPED 9:00 PM
Wed. 7/24/93



EAST WELL