



To: W.S. Hodge  
Senior Technician  
Water Management Branch

Date: September 22, 1987

Our File: 92 6/1 # 52

Re: Proposed Observation Well Site Investigation - Matsqui

On September 14-16, 1987 a field investigation was conducted in the Matsqui-Langley border area. The purpose of the investigation was to attempt to locate an abandoned well for use as an observation well, and to mark out possible drill sites. The area investigated is shown on the attached map (Figure 1).

*- chh  
gw use  
see Wsi  
1987*

Of the residents surveyed only two had wells not in use and were prepared to allow the Ministry to monitor their wells. Both wells are located on the east side of the Bradner Road just north of King Road. The first well is an 80' drilled well owned by Mr. Romfo (1616 Bradner Road) who said that the well has a very low yield and dries up with three flushes of a toilet. For that reason I felt this well would not be a useful observation well as it is not typical of surrounding wells. The second well was a 68' dug well (3' diameter) owned by Ms. Kirsten Spencer and is located at 1726 Bradner Road. The static water level was 65' and although there was only 3' of water in the well, the owner said she believed the well has never gone dry. The well has not been used for several years since the water line was brought down Bradner Road to King Road.

*OK*

*- chh swl  
WQ?*

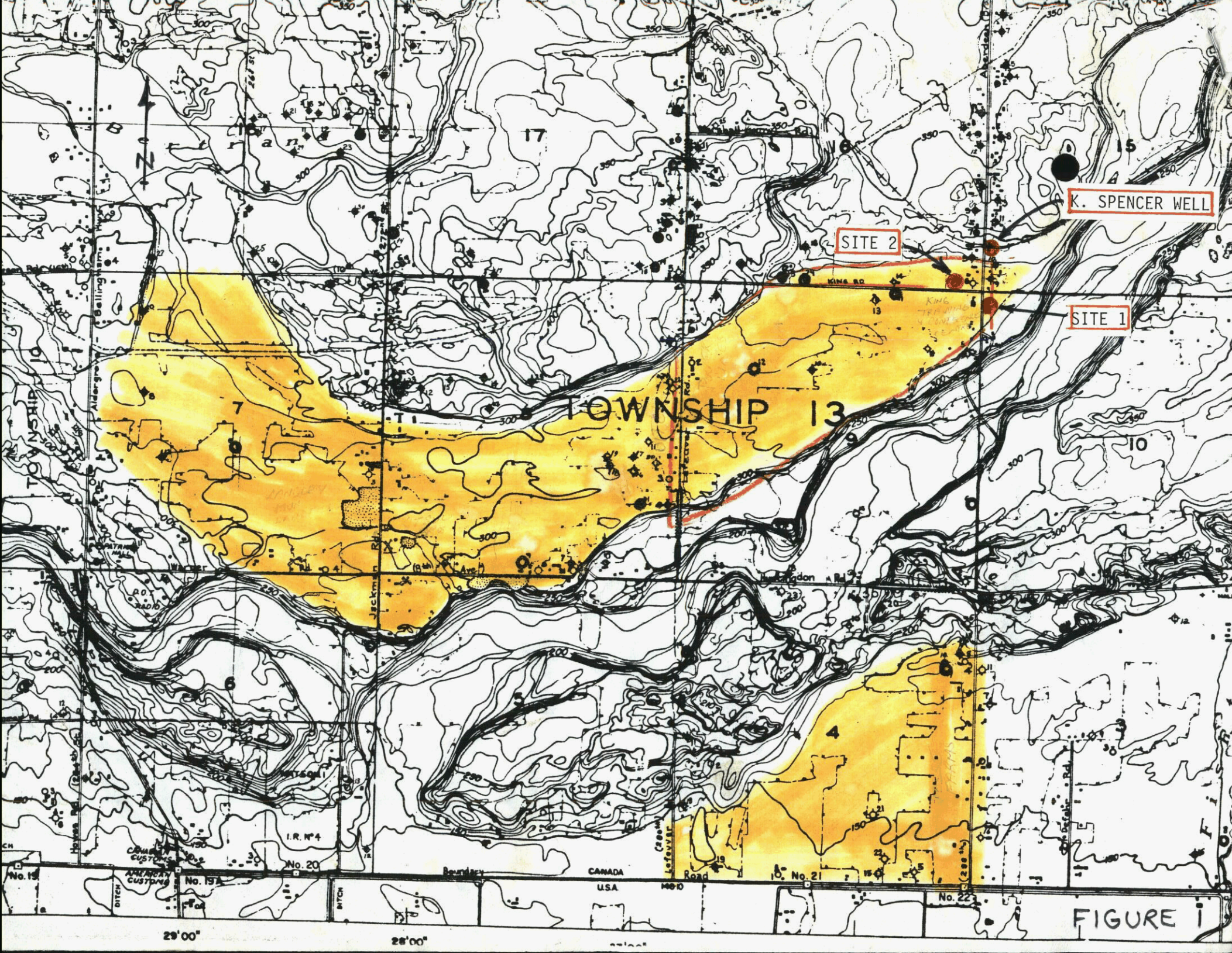
Two possible drill sites were selected and are both located on road allowances near the intersection of King Road and Bradner Road (Figure 1). The preferred site is located on the east side of Bradner Road just south of King Road and the second site is on the south side of King Road just west of Bradner Road (see attached photo's). Both proposed drill sites were checked for overhead wires and underground services and were found to have none. The following services were contacted:

- B.C. Hydro
- B.C. Telephone
- MSA Cablevision Ltd.
- Municipality of Matsqui (sewer and water)

Dave Kalyn  
Technician  
Groundwater Section  
Water Management Branch

AKS:Wk195

*W. S. Hodge*



K. SPENCER WELL

SITE 2

SITE 1

TOWNSHIP 13

TOWNSHIP 10

TOWNSHIP 17

No. 19

No. 19A

No. 20

No. 21

No. 22

FIGURE 1

29°00'

28°00'

CANADA  
USA

Levee Road

KING RD

KING

N

17

15

17

10

7

13

13

4

CROSSING

CUSTOMS

I.R. No. 4

Boundary

Levee Road

22

21

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

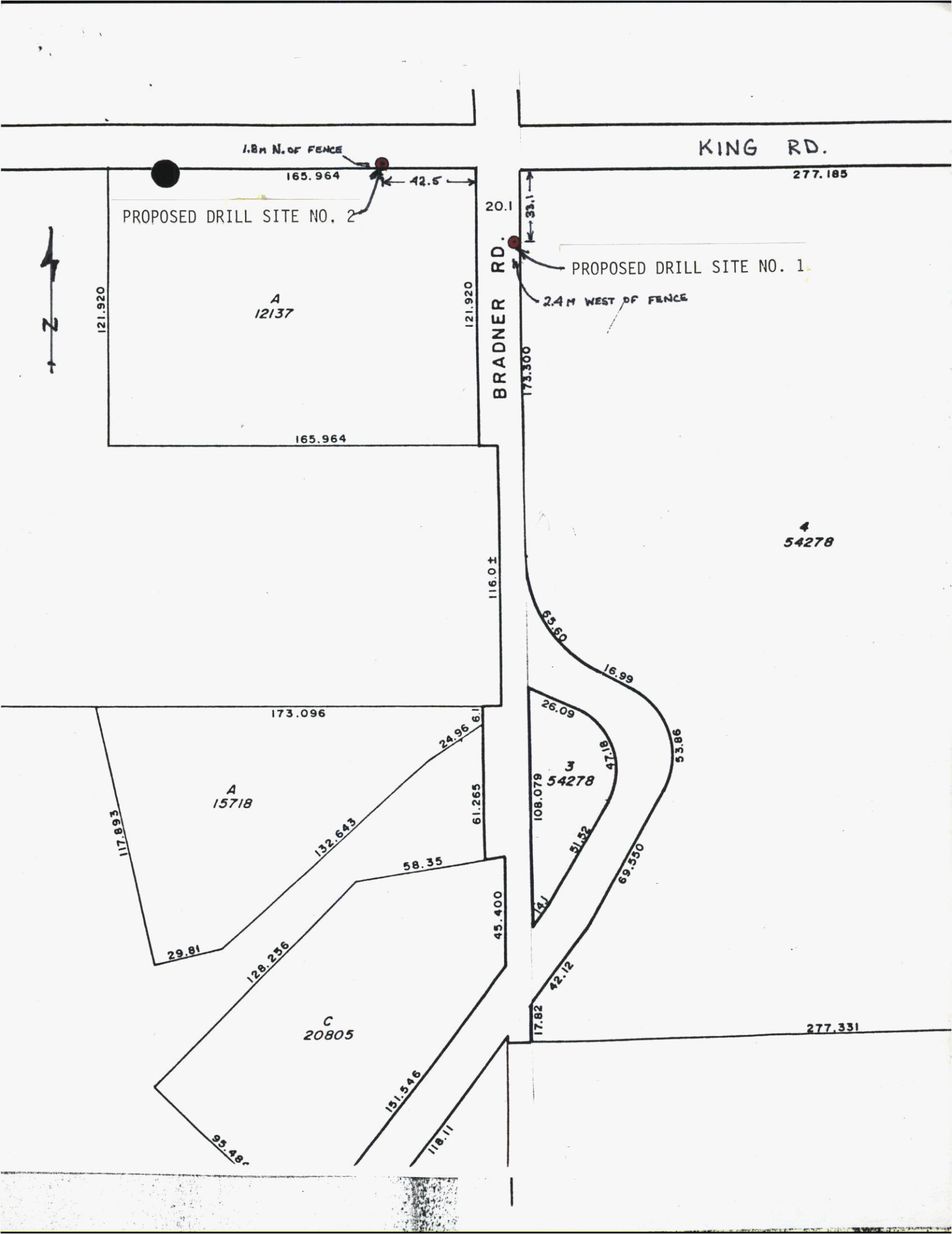
5

4

3

2

1



BRADNER RD.

97.536

A  
9272



346.740

91.440

B

364.876

60.960

K. SPENCER DUG WELL

400.812

122.0 ±

100.584

80.467

A  
34611E

80.467

100.584

20.1

KING RD.

**NOTE**

ALL DIMENSIONS ARE IN METERS AND ARE GIVEN FOR GENERAL REFERENCE ONLY. FOR DETAILED INFORMATION SEE REGISTERED LEGAL SURVEY PLANS.



①



LOOKING EAST AT SITE 2 TOWARDS KING & BRADNER INTERSECTION

②



LOOKING SOUTH AT SITE 2 FROM KING RD.

③



LOOKING WEST AT SITE 2 ON KING RD.

SEPT 16/87



PAN VIEW FROM KING & BRADNER INTERSECTION SHOWING BOTH PROPOSED DRILL SITES.

SEPT 15/87

UNUSED WELL - 1726 BRADNER RD.



KIRSTEN SPENCER'S WELL - LOOKING EAST FROM FENCE  
ALONG BRADNER RD.



NEW HOME BEING BUILT NEXT TO K. SPENCER'S WELL

PROPOSED DRILL SITE - MATSQUI (SITE 1)

SEPT 15/87

①



LOOKING AT PREFERRED DRILL SITE ON BRADNER RD. TOWARDS INTERSECTION OF KING & BRADNER RD.

②



LOOKING EAST AT SITE 1 FROM BRADNER RD.

③



LOOKING SOUTH AT SITE 1 FROM BRADNER RD.