

Well Log

For DAN AMES

Location BAYBRIDGE SUB. II LOT 37 BLOCK II HOMER

Date completed 3/20/86

Depth of well 60'

Size of casing 6"

Distance to water 25'

Distance to water while pumping 50' at rate

of 1200 gallons per hour.

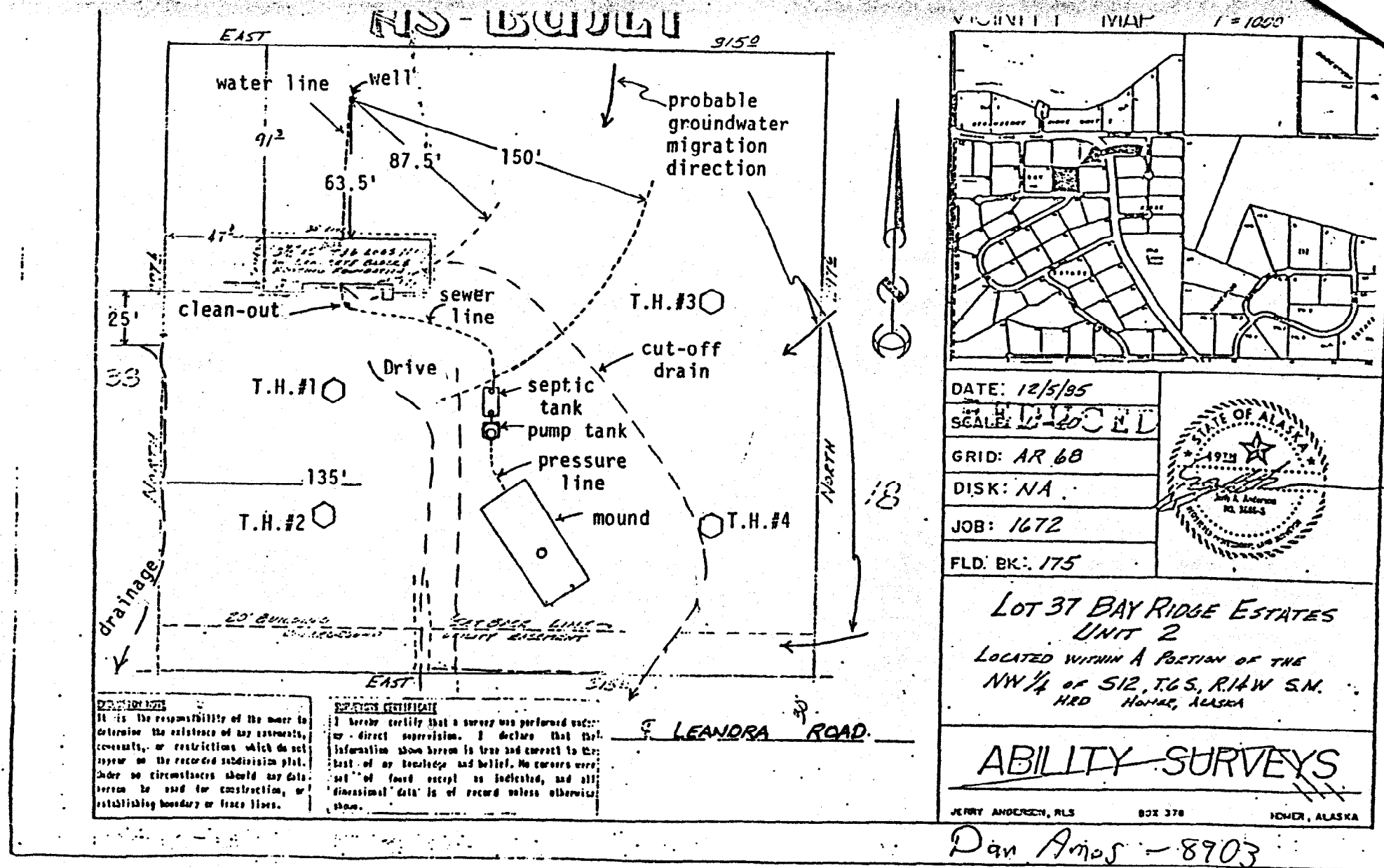
FORMATION	FROM	TO
TOP SOIL	1'	2'
PEAT	2'	12'
SANDY CLAY	12'	18'
WHITE STICKY CLAY	18'	28'
COAL	28'	29'
HARD SAND	29'	45'
COAL - WATER 2 1/2 gpm (CASED OFF)	45'	48'
HARD CLAY	48'	57'
SAND WATER	57'	60'
COAL	60'	

Don Bell

DRILLER

KACHEMAK WELL DRILLING CO.

BOX 1439 - HOD 1101 85 CAROL LANE
HOMER, ALASKA 99603
235-8432



Scale: Approx 1" = 63'
T.H. = Test Holes, approx. locations
Well and Septic System As-Built
Jack Cushing, P.E. 10/31/86

No neighboring wells or septs within 150' of this well or septic.

water level in the monitor tube was noted when the lift pump was operating but was matched by significant drops in water level when the lift pump was off;

Approximately 1,100 gallons of water was added to the absorption system during the test. Twenty-four hours following the adequacy test, the absorption area monitor tube water level was not measurable (no water, only a small amount of wet sand).

WELL FLOW TEST.

A well flow test was run in conjunction with the on-site sewer adequacy test. The well flow test was continuous except for approximately 45 seconds when an electrician changed out the breakers in the electrical panel for the well pump. The pumping rate was measured three times during the test and initially found to be 7.5 gallons per minute (GPM). Subsequent measurements taken during the test indicated that the rate had increased to 7.8 GPM. The well flow test was in excess of four hours and at a rate of 7.5 GPM or more.

The attached bacteriological water quality test report indicates that the water is bacteriologically suitable for consumption.

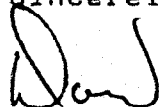
CONCLUSION.

The test results indicate that the on-site septic system should be adequate for the 4 bedroom duplex. Water test results indicate that the water is free from coliform bacteria.

Some information contained in this report was gathered from record data for which no responsibility is assumed. Determining the underground configuration of the systems, pipe sizes, lengths, soil types and other characteristics that may affect future system performance is beyond the scope of this work. Accordingly, no representation regarding life expectancy, quality or condition, other than general conclusions resulting from these tests, is made.

Please contact me if there are any questions or additional information is required.

Sincerely,



David E. Johnson, P.E.

Attachments: Well Log;
Water Bacteria Test Results;
Septic Tank Pumping Receipt;
ADEC Application For On-Site Approval,
As-built Drawing.

