



GRAPHIC LOG OF SQUARE LAKE TEST WELL 1, ALASKA

**EXPLANATION**

- Sandstone
- Calcareous sandstone
- Sandy siltstone
- Clay shale or claystone
- Calcareous clay shale or claystone
- Clay ironstone
- Coal or carbonaceous material
- Bentonite
- Limestone
- Cored interval
- No samples recovered
- Oil show
- Gas show
- Very fine grained
- Fine grained
- Medium grained

**BIT SYMBOLS**

**DRILL BITS**

- OS-3 Hughes OSC-3
- SHO Security hole opener
- G-3H Grant-3-point reamer
- R-2 Reed 2
- DOT Reed DOT
- SM Reed SM
- 2C Reed 2C

**CORE BITS**

- R-2 Reed K-24 hard formation
- K-25 Reed K-25 soft formation

Location: Lat 69°34'N  
 Long 153°18'W  
 Elevation: Kelly building 340 feet  
 Ground 324 feet  
 Spudded: January 26, 1962  
 Completed: April 18, 1962  
 Total depth: 987 feet  
 Status: Plugged and abandoned

Drilling and engineering data compiled from records of Arctic Contractors Electric log by Schlumberger Well Surveying Corporation  
 All depths are measured from the top of the Kelly bushing  
 Colors were determined by comparison of dry samples with the National Research Council Rock Color Chart, 1948

DEPARTMENT OF MINES  
 RECEIVED  
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 ASSAY OFFICE  
 ANCHORAGE, ALASKA