



GRAPHIC LOGS OF SOUTH BARROW TEST WELLS 2 AND 4

Compiled by Florence R. Collins, 1954

- EXPLANATION**
- Gavel or conglomerate
  - Sandstone
  - Silty sandstone
  - Calcareous sandstone
  - Siltstone
  - Sandy siltstone
  - Calcareous siltstone
  - Clay shale or claystone
  - Sandy clay shale or claystone
  - Silty clay shale or claystone
  - Calcareous clay shale or claystone
  - Limestone
  - Argillite
  - Clay concretion
  - Cored interval
  - No samples recovered
- BIT SYMBOLS**
- DRILL BITS
  - Crum Branard rock
  - Hughes CSC-1
  - Hughes DSO-2
  - Hughes W-7
  - Hughes W-7R
  - Reed pilot
  - Reed rock
  - Reed T
  - Reed wire line PD soft formation
  - Reed 2C
  - Reed 2HM
  - Reed 2T
  - Security hole opener
  - Security OB-1
  - Security OW
  - Security PHR hole opener
  - Security rock
- CORE BITS**
- Reed K-24 hard formation
  - Reed K-25 soft formation
  - Reed wire line PD-2
- SOUTH BARROW TEST WELL 2**
- Location: Lat 71°14'40" N  
Long 156°36'03" W  
Kelly burling 34.5 feet  
Ground 23.5 feet  
Spudded: December 18, 1948  
Completed: April 15, 1949  
Total depth: 2,505 feet  
Status: Gas well, lined and abandoned
- SOUTH BARROW TEST WELL 4**
- Location: Lat 71°15'51" N  
Long 156°37'52" W  
Kelly burling 42 feet  
Ground 24 feet  
Spudded: March 9, 1950  
Completed: May 9, 1950  
Total depth: 2,536 feet  
Status: Shut in gas well; produced 1,805,000 cubic feet per day
- Drilling and engineering data compiled from records of Arctic Contractors Electric Inc by Schlumberger Well Surveying Corporation.  
All depths are measured from the top of the Kelly burling.  
Colors were determined by comparison of dry samples with the National Research Council Rock Color Chart, 1946.