

SB 7-12-21-8(2)

PRODUCTION WELL No. 1

WELL CONSTRUCTION LOG

16758 S
Received from Bob Hall
of Collier's (CALIF)
JAN 18, 1977

Drilling Co. Soldotna Drilling Co. USGS no. _____
 Driller J. Shelman Type of rig Cable Date well completed May 6, 1977
 Well owner Collier Carbon & Chemical Corp. Nearest community Kenai, Alaska
 Well location: (address & legal description) N.W. CORNER Location sketch or remarks
Collier PLANT site
 Depth of well 371 ft. Casing: depth 340 ft. diam. 16 in.
 Static water level 110 ft. (~~100~~, below) land surface. Date 5/6/77
 Finish of well: (~~open~~, screen, perforated, open, other) _____
 Describe intervals and size: 340-370 - 180 Slot
 Well yield tested by (pumping, bailing, air) at 4000 gal/min.
 for 1 hours with 23 ft. of drawdown from static level,

DRILLER'S MATERIAL LOG

Depth below land surface in feet	Give description of strata penetrated (size of material, color, hardness of drilling, and water content)
0 to 38	Small to Med Gravel & Sand
38 to 52	Dark Grey Sticky Clay
52 to 73	Cemented Sand w/few Gravels
73 to 88	Sticky Grey Clay
88 to 125	Brown Cemented Sand
125 to 173	Fine to Med Silty Sand w/water--125' Static
173 to 205	Dark Grey Sticky Clay w/sand & Silt Lenses
205 to 233	Silt--Dry
233 to 241	Very Solid Clay
241 to 249	Silt--Solid
249 to 271	Very Hard Silt
271 to 308	Very Dense Clay w/Imbedded Gravel--Slow Drilling
308 to 315	Soft Sticky Clay
315 to 327	Solid Grey Clay
327 to 332	Solid Clay w/Gravel
332 to 339	Clay w/Boulders
339 to 368	Small-Med. & Coarse Gravel & Very coarse Sand--very loose & water bearing. Water is Dark & Silty.
368 to 371	Med. to coarse Sand--20% Small Gravels. Static Level 110'. Installed 30' of 16" Telescoped size Stainless Steel Screen. 180 Slot-o/a length 31'-340' to 371' Interval. Developed well by Airlift surging & discharging to remove sand & silt from Area adjacent to screen. Near end of Developing period 5 hrs. the well was airlift pumped at rates up to 4000 G.P.M. measured draw down

SB 7-12-21-8(2) DEC 2-8