

RAMPART DRILLING WORKS

1201 Remona St. 99515

ANCHORAGE, ALASKA

344-7714

RECEIVED
APR 24 1998
Municipality of Anchorage
Dept. Health & Human Services

24752

224

SIX INCH WATER WELL DRILLED -----OUT TO THE DEPTH OF 305 feet.
DRILLED AT THE RATE OF \$25.00 PER FOOT. Steel casing seated out to 38 ft.
PROPERTY OWNER Mr. & Mrs. (Gene & Florence) Bryner.
LOCATION OF WELL SITE Lt. 3 Blk. 1 Ptarmigan Roost Sub.
DRILLER Bernie Claus of Rampart Drilling Works.

WELL LOG:

0 - 16' Silty fine gravel with 35% clay binder.
16 - 38' Hardpan. A cemented gravel going into a conglomerate of bedrock at 34 feet. A broken weathered material. (Early bedrock. No water in this area except for a slightly wet material. A little seepage overnight only.)
38 - 305' Bedrock. A sedimentary bedrock. Thin fissures in the rock at 110 feet did show some seepage. No actual yield, however. By 155 feet, a granular rock material did show as much as 1/4 gpm water yield. By 195 ft., we had an area of wet granular bedrock, and this Well by that point produced a little less than 1/2 gpm yield. By 250 feet, water production was up to possibly 3/4 gpm. The water, however, was coming out of cracks and fissures of only granular bedrock. By 279 feet, our water production was up to one and one half gpm. A steady flow, but rather slow. It took ten minutes for the water to recover ten feet off bottom. From 279 to 305 feet, the production improved to a full two gallons per minute. There was some good porous bedrock from 285 to 294 feet. The Well at that point did improve, but not like we'd hoped. The Well set overnight, and we pumped the water crystal clear at 120 gallons per hour. Then, we thought we had a tragedy! The water turned to mud! It took another hour to pump the water clean, but by that time, this Well was making 3 1/2 gpm. 210 gallons per hour.

COST INCLUDES ALL LABOR AND MATERIAL FOR COMPLETION OF SAID DRILLING.

Water recovery is back to 30 feet of surface. Install 1 horse pump 280 feet, 300 ft. x 25 per ft., less \$600.00 down payment.

WRITE CHECK PAYABLE TO RAMPART DRILLING WORKS FOR THE SUM OF \$6,900.00

THANK YOU VERY MUCH.
Muni Well Cap, no charge.

Bernie Claus

BERNIE CLAUS OF RAMPART DRILLING WORKS

\$450.00 pitless adapter: No, we amortized that over the well footage.

DATE April 3, 1998.

SERVICE CHARGE OF 1% PER MONTH WILL BE ASSESSED ON PAST DUE ACCOUNTS.
No set-up or mobilization cost.

SG 11-3-250CC