WELL SEAL TO SEAL SURFACE WATER FROM DEEPER LAYERS

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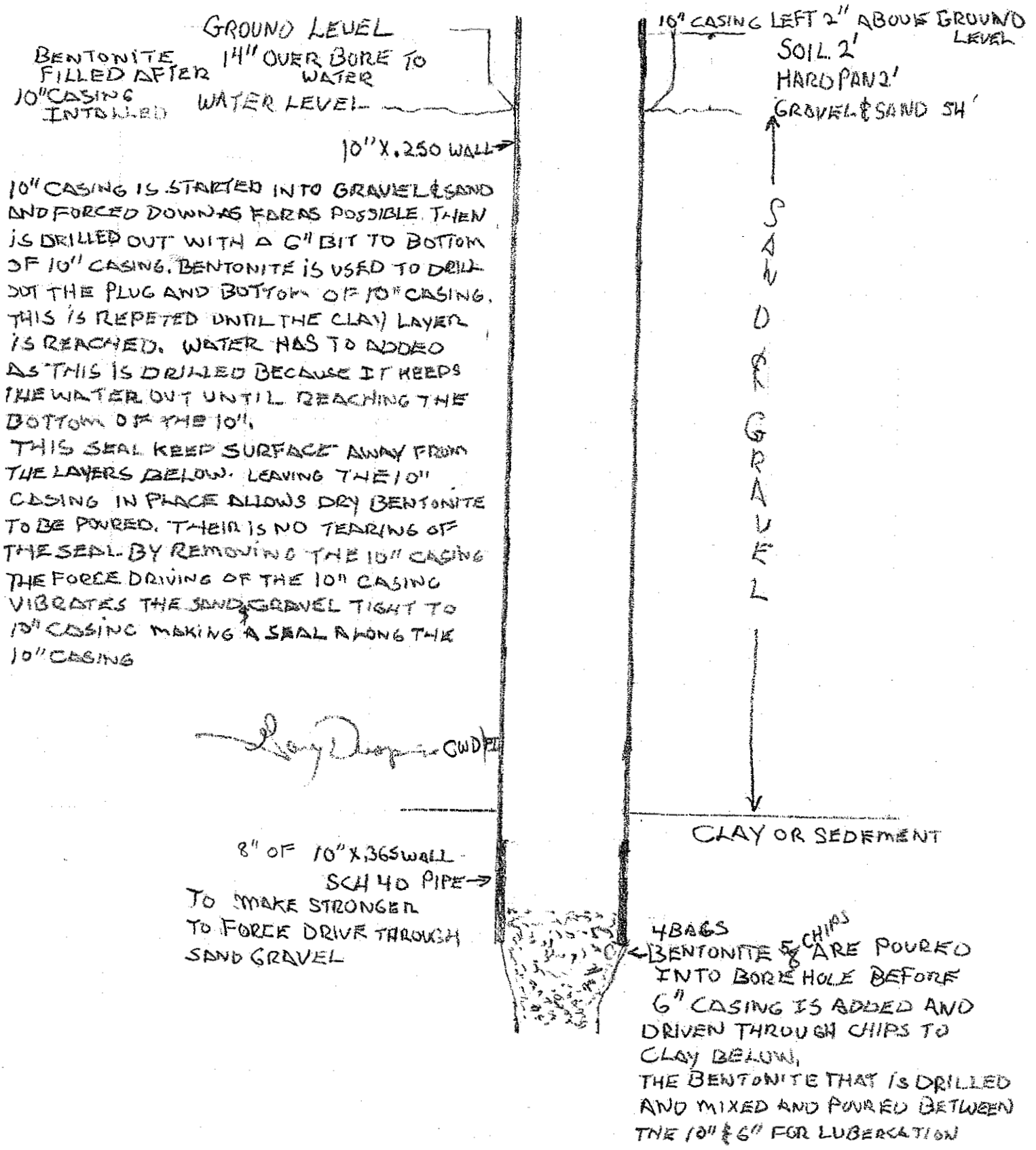

10" CASING IS STARTED INTO GRAVEL & SAND AND FORCED DOWN AS FAR AS POSSIBLE. THEN IS DRILLED OUT WITH A 6" BIT TO BOTTOM OF 10" CASING. BENTONITE IS USED TO DRILL OUT THE PLUG AND BOTTOM OF 10" CASING. THIS IS REPETED UNTIL THE CLAY LAYER IS REACHED. WATER HAS TO ADDED AS THIS IS DRILLED BECAUSE IT KEEPS THE WATER OUT UNTIL REACHING THE BOTTOM OF THE 10".

THIS SEAL KEEP SURFACE AWAY FROM THE LAYERS BELOW. LEAVING THE 10" CASING IN PLACE ALLOWS DRY BENTONITE TO BE POURED. THEIR IS NO TEARING OF THE SEAL BY REMOVING THE 10" CASING THE FORCE DRIVING OF THE 10" CASING VIBRATES THE SAND & GRAVEL TIGHT TO 10" CASING MAKING A SEAL ALONG THE 10" CASING

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