

The cement was displaced with 48 bbls. fresh water. Cement did not circulate to surface. On 7-3-84, a temperature survey was run which showed the top of cement at 80' from surface. A copy of the temperature survey will be mailed to the U.S.G.S. by Bennet Wireline. Mr. John Wade with the U.S.G.S. was contacted and approval was granted to fill the 12 3/4" x 15 1/8" annulus with cement if the annulus was found to be dry. The annulus was in fact dry and 180 sx "HE" cement containing 2% CaCl was pumped down the 12 3/4" x 15 1/8" annulus. The cement filled the annulus to surface, but then started falling. An additional 20 sx "HE" cement containing 2% CaCl was pumped down the annulus and cement came to surface, but fell back down hole. The cementing company was rigged down and the cement was allowed to set up overnight. The next day, 7-5-84, the cement top was checked and found to be 12' below ground level. The 12 3/4" casing was cut off and a 3/8" steel plate was welded on the pipe. The Taylor Drilling Company Cable Tool Rig was rigged down and moved off 7-5-84. Plans are to commence building a location pad for a rotary drilling rig. The U.S.G.S. will be notified prior to moving in dirt moving equipment. A rotary drilling rig will be moved on the location soon thereafter. Approval to move off the cable tool rig and commence preparations for a rotary rig was granted by Mr. John Wade with the U.S.G.S. The 12 3/4" X 15 1/8" annulus will be filled to surface with cement when the rotary rig is moved in.