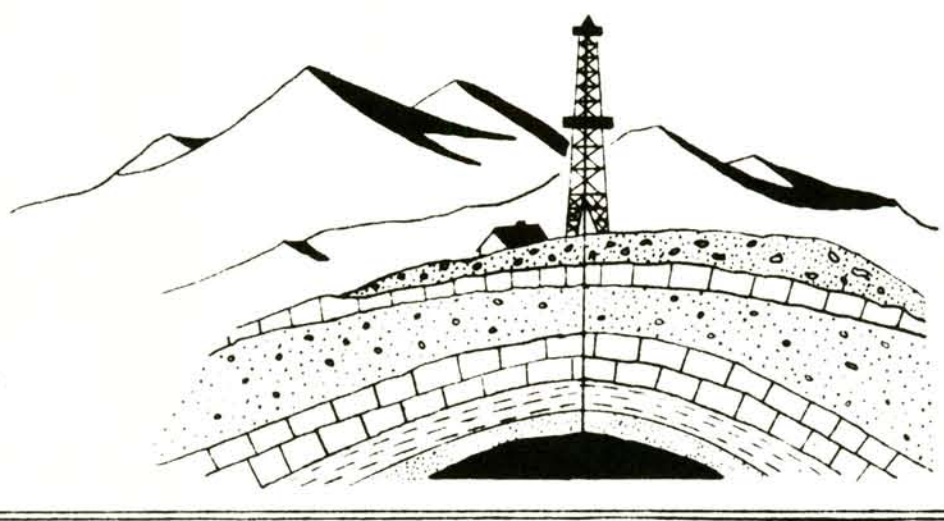
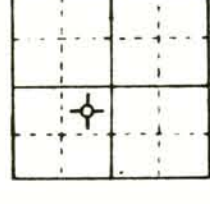


# Northwest Geological Service



LOG NO. 221

COMPANY **D.G. HAMILTON** LEASE AND NO. **\*1 MARLOW**  
 STATE OR PROVINCE **MONTANA** COUNTY **ROOSEVELT** AREA \_\_\_\_\_  
 LOCATION **C SE SW** SEC **1** T. **30N** R. **56E** GRND. ELEV. **2097** KB. **2108**  
 TOTAL DEPTH **8251** SPUDDED **2-18-62** COMPLETED **3-18-62**  
 REMARKS: **Photo Enlargement X10**



GEOLOGIC SECTION **MISSISSIPPIAN: Charles, Mission Canyon** DATE **Sept. 1963**

GAMMA	Depth Testing	PHOTO LOG	LATEROLOG	REMARKS
		++		Salt, strks dolo, gran, slty, anhytc, tr ls.
		++		Salt, strks dolo as abv, tr ls.
		++		Salt, strks dolo & ls as abv.
	7400	++		Salt w/anhy, slty, sdy, argil, dolotc.
		++		Salt w/anhy as abv.
		++		Salt, strks anhy, acicular.
		++		Salt, tr anhy.
		++		Salt.
		++		Salt, strks anhy & dolo.
	7500	++		
		++		Salt.
		++		
		++		
		++		
		++		
		++		
	7600	++		Salt, strk dolo, gran, slty.
		++		Salt, strks dolo, gran, anhytc.
		++		Salt, w/dolo as abv.
				Ls, argil, sl slty, sl c-ltc, intcl anhy, prbl salt incl.
				Ls, dns, argil, slty loc, intcl anhy, prbl salt incl.
				Ls, dns, argil, sl slty, tr ools, anhy incl.
				Ls, dns, argil, f/silt grs, tr fn ools, w/salt & anhy incl.
	7700	++		Salt.
				Ls, dns, argil, tr anhy xls.
		++		Salt.
		++		
		++		
		++		Ls, argil, sl slty, sl c-ltc, w/anhy incl, psbl salt incl.
				Ls, c-ltc, argil, slty, tr fn fos frgs.
				Ls, dns, argil, slty, c-ltc loc, intcl anhy & salt, tr ools.
	7800			Ls, dns, argil, w/salt & anhy incl.
				Ls, subchky, argil, w/salt incl.
				Ls, subchky, argil, fn fos frgs, sl slty, salt incl.
				Ls, dns, argil, sl anhytc, w/salt incl.
				Ls, dns, argil, anhytc, tr ls, slty.
				Ls, dns, argil, anhy & salt incl.
				Anhy, acicular, dns, w/salt incl.
				Anhy, argil, tr ls, argil.
				Anhy, argil, s/intcl ls & salt.
	7900			Anhy, acicular, dns, salt incl, intcl ls, argil.
				Anhy, argil, strks dolo, argil, tr slst & ss.
				Anhy, acicular, argil, strks ls, argil.
				Anhy, argil, strks ls, argil.
				Ls, argil, fn fos frgs, psbl salt incl.
				Ls, dns, sl silc, salt incl, tr fos frgs.
				Ls, subchky, argil, psbl salt incl.
				Ls, dns, argil, psbl salt incl.
				Anhy, dns, argil, intcl salt, tr ss.
	8000	++		Salt, intcl anhy, argil.
		++		Salt w/m/anhy, argil.
		++		Anhy, argil, dolotc, salt incl.
		++		Salt, intcl anhy, argil, slty.
		++		Salt, intcl anhy & dolo, tr slst.
				Anhy, argil, dolotc, slty, intcl salt.
				Dolo, gran, slty, anhytc, sl por.
				Anhy, argil, dolotc, salt incl.
	8100			Anhy, argil, dolotc, slty, salt incl.
				Ls, fn c-c, sl slty, fn fos frgs, calcisphaeres, calc mat, tr anhy, sl por.
				Anhy, dns to subchky, argil, dolotc, slty, pyr.
				Anhy, as abv.
				Ls, anhytc, fnly fosif, spcls.
				Dolo, subchky, calc, argil, sl chky por.
				Ls, fnly fosif, spcls, f/forams, silc.
				Ls, fn c-c, fos frgs, bryon, argil, tr fos frg.
				Ls, argil, tr fos frg.
				Ls, fnly fos frgtl, forams, chky, anhytc, argil, dolotc, sl por.
				Ls, fnly fosif, crin, spcls, argil.
				Ls, fnly fos frgtl, crin, brach, f/forams, argil.
				Ls, microgran, dolotc, fnly fosif, bryon, spcls, argil, sl por.
				Ls, argil, fosif, brach, spcl, crin.
				Ls, dns, fosif, spcls, bryon, tr forams, argil.
				Ls, fosif, argil, crin, bryon, tr forams.
				Ls, fosif, crin, spcls, cor?, argil.