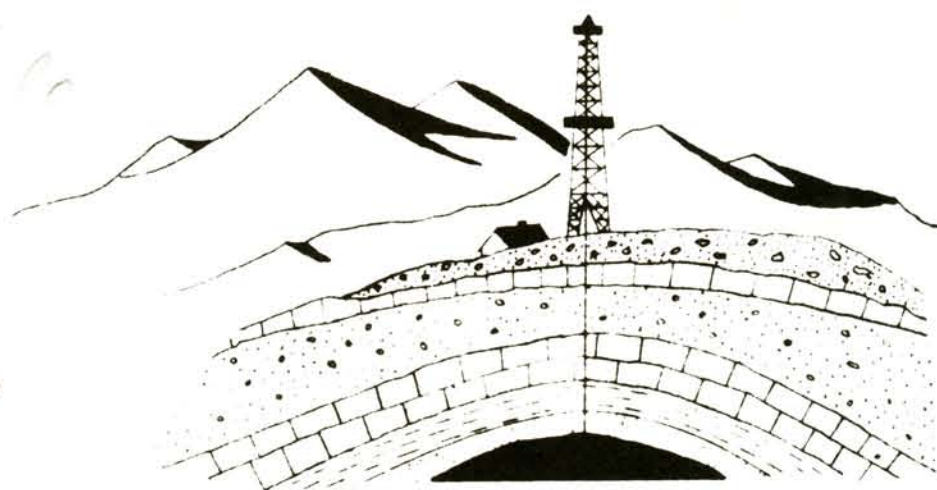


Northwest Geological Service



LOG NO. 236

COMPANY **CARDINAL - HERINGER - GAY** LEASE AND NO. **#1 GOETZINGER-CHANDLER**
 STATE OR PROVINCE **MONTANA** COUNTY **SHERIDAN** AREA _____
 LOCATION **C NW NE** SEC **22** T. **36N** R. **56E** GRND. ELEV. **2505** DF **2515**
 TOTAL DEPTH **7100'** SPUDDED **8-9-63** COMPLETED **8-26-63**
 REMARKS: **Photo Enlargement X 10**

GEOLOGIC SECTION **MISSISSIPPIAN: Charles, Mission Canyon** DATE **Jan. 1964**

GAMMA	Depth Testing	PHOTO LOG	LATEROLOG	REMARKS
	6400	++ 		Salt, strks anhy & ls.
		++ 		Salt.
		++ 		Anhy, argil, intel salt.
				Dolo, chky to dns, v slty, s/slt.
		++ 		Salt, strks dolo & anhy.
		++ 		Salt, strks anhy & dolo.
				Anhy, acicular, dns, dolotc, strks dolo, slty, salt incl.
	6500			Anhy, v argil, dolotc, strks dolo, slty, salt incl.
				Anhy, acicular, dns, dolotc, strks dolo, salt incl.
				ls, dns, anhytc, argil, intel anhy & salt.
				Anhy, acicular, dns, argil, strks ls, slty loc.
				ls, dns, slty, intel anhy & salt.
				ls, dns, sl slty, anhy xls, salt incl.
				ls, dns, anhy xls, sl slty, salt incl.
				ls, dns, argil, sl slty, salt incl, strks dolo, chky, slty.
				ls, dns, argil, sl anhytc, salt incl, strks dolo, chky, slty.
	6600	++ 		ls, dns, argil, sl slty, salt & anhy incl.
		++ 		Salt.
		++ 		ls, dns, argil, sl anhytc, salt incl.
		++ 		ls, dns, argil, anhy xls & incl.
		ls, foslf, brach, argil, intel salt.		
		ls, subchky, intel anhy & salt.		
6700		Anhy, acicular, dns, dolotc, strks ls & dolo.		
		Anhy, acicular, dns, salt incl, strks dolo, gran slty.		
		Dolo, v argil, anhytc, pyr intel anhy, strks sh.		
		ls, subchky, dolotc, argil, anhytc, intel anhy & salt.		
		Anhy, dolotc, argil, strks ls, slty argil, salt incl.		
	++ 	Salt, intel anhy, dolotc.		
	++ 	ls, subchky, c-ctc loc, argil, fn fos frgs, dolotc, psbl salt mat.		
	++ 	Salt.		
		ls, subchky, dolotc, anhytc, argil, sl c-ctc, psbl salt mat.		
6800		ls, subchky, dolotc, anhytc, sl c-ctc, psbl salt mat.		
		ls, subchky, argil, sdy, dolotc, grdg to dolo, intel anhy & salt.		
		Anhy, acicular, dns, strks dolo.		
		ls, c-ctc, fn fos frgs, subchky, dolotc, anhytc, psbl salt mat.		
		Anhy, argil, dolotc, grdg to dolo.		
		Dolo, chky, argil, anhytc, intel anhy, strks ls, c-ctc, foram.		
		Anhy, argil, dolotc, w/salt.		
	++ 	Salt, intel anhy, dolotc, slty.		
		Anhy, argil, slty, dolotc w/salt.		
6900		Anhy, argil, slty, dolotc w/salt.		
		ls, chky, dolotc, sl slty, anhytc, sl por.		
		Dolo, argil, anhytc, slty, grdg to anhy, tr ls, slty.		
		Anhy, dolotc, argil, slty.		
		ls, fn fos frgs, dolotc, anhytc, sl slty.		
		ls, argil, dolotc, tr fos frgs, intbd anhy.		
		ls, mud, faint peld, f/anhy xls, tr por.		
		ls, foslf, brach, cor, argil, dolotc loc, sl chky por.		
		ls, frgtl, fos frgs, dtrl lime mud, argil, sl p-pt por.		
		ls, c-ctc, dtrl alg, m/clc mat, tr forams.		
		ls, mud, foslf, dtrl, sl p-pt por.		
		ls, foslf, brach, dolotc, sl chky por.		
		ls, fnly foslf, argil, dolotc, sl p-pt por.		
		ls, sl peld, fnly foslf, argil, sl p-pt por.		
		ls, c-ctc, dtrl alg, rework lime mud, ostr, gstrd, s/xln clc & anhy, gd por.		
		ls, fnly fos frgtl, brach, bryon, sl dolotc, argil, sl por.		
		ls, fos frgtl, brach, corin, argil, sl dolotc, sl por.		
		ls, c-ctc, foslf, argil, silc, s/ch.		
		ls, c-ctc, slty, argil, sl dolotc.		
		ls, fos frgtl, brach, bryon, argil.		
		ls, foslf, brach, spcls, cor, argil, sl dolotc.		
		ls, foslf, brach, tr foram, argil.		
		ls, foslf, brach, corin, tr foram, argil.		
7100				