

Northwest Geological Service



LOG NO. 277

COMPANY **SIGNAL DRILLING & EXPLOR.- SOUTHERN UNION** LEASE AND NO. **#1 GAENSLEN**
 STATE OR PROVINCE **MONTANA** COUNTY **SHERIDAN** AREA _____
 LOCATION **GLOT 9-NE SW SEC. 13 T. 35N R. 58E** GRND. ELEV. **2065' KB 2077'**
 TOTAL DEPTH **7120'** SPUNDED **3-6-64** COMPLETED **3-22-64**
 REMARKS: **Photo Enlargement X 10**

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

GAMMA	Depth Testing	PHOTO LOG	LATEROLOG	REMARKS	
	6400	+ + + + + + + + + + + + + + + +		Salt.	
				LS, argil, c-ltc, slty w/sh.	
				LS, dns, argil, sl slty, s/anhy, strks sh.	
		+ + + +		?Salt.	
				Anhy, argil, strks ls, slty & dolo.	
		6500			Dolo, chky, slty, anhy intl anhy, s/ls, dns.
				Anhy, dns, argil intl dolo.	
				Anhy, acicular, dns, argil, pebl salt.	
				Anhy, acicular, dns, strks ls, dns to subchky.	
				LS, dns, argil m/intel anhy.	
				LS, dns, argil, slty loc intl anhy.	
		6600	+ + + + + + + + + + + + + + + +		Salt.
				LS, subchky, argil, tr fn fos frgs.	
				LS, dns, argil, tr fn fos frgs, f/anhy xls.	
				LS, subchky, argil, tr fn fos frgs, strks c-c.	
				LS, subchky, argil, f/ools, sl anhytc.	
				Anhy, dns, argil, intl ls, strks ls, tr fos frgs.	
		6700			Anhy, dns, argil, intl ls.
				Anhy, dns, intl ls, strks ls, slty, tr fos frgs.	
				Anhy, dns, intl ls, strks ls, sl foslf.	
			Anhy, dns, strks ls, sdy, tr fos frgs.		
			LS, dns, argil, intbd anhy.		
			LS, dns, argil, slty, sdy, intl anhy.		
			LS, dns, argil, tr fn fos frgs, anhy incls, pebl salt incls.		
			LS, dns to chky, argil, silc, tr fn fos frgs, intl anhy, pebl salt incls.		
	6800			LS, subchky, argil, sl slty, tr fn fos frgs, anhy incls, pebl salt incls.	
			Anhy, dns, argil, intl ls, strks ls.		
			LS, c-ctc, pseudo-ool, anhytc, m/dns, argil, intl anhy.		
			LS, dns, argil, sl slty & sdy.		
			Anhy, dns, argil, strks ls.		
			LS, dns, argil, intl anhy.		
			LS, dns, argil, slty loc, intl anhy.		
	6900			Anhy, dns, argil, intl ls.	
			LS, slty, argil, anhytc, c-ltc.		
			Anhy, dns, argil, strks ls as abv.		
			Anhy, dns, argil, sl slty, strks ls, fn peld, anhytc.		
			Anhy, dns, argil, dolote, pyr.		
			LS, chky, dolote, argil, fair chky por.		
			LS, v oolite, s/alg, pisoc, cle mat, sl por.		
			LS, c-r, foslf, brach, cor, crin, thin lime mud, anhytc, sl por.		
			LS, mud, fn fos frgs, alg, peld loc, tr piso, m/xln c/c, sl por.		
			LS, mud, silty, argil, ostr, spcls, argil.		
			LS, mud, subchky, fn fos frgs, sl argil, sl por.		
			LS, mud, partly alg, f/fos frgs, ostr, m/xln c/c, tr xln anhy, sl por.		
			LS, mud, subchky, fn fos frgs, ostr, calcisphaeres.		
			LS, alg, pisoc, s/xln c/c, sl por.		
			LS, mud, subchky, fn fos frgs, ostr, spcls, sl argil, sl por.		
			LS, mud, peld loc, calcisphaeres, algal loc, m/xln c/c, tr xln anhy, sl por.		
			LS, dns, v silc, fnly foslf, argil.		
			LS, c-ctc, foslf, sl argil.		
			LS, fnly fos frgtl, c-ctc, argil, sl dolote, sl slty, tr por.		
			LS, mud, argil, fn fos frgs, crin, sl slty.		
			LS, fnly fos frgtl, brach, argil, sl slty, sl dolote, sl chky por.		
			LS, as abv, pebl sl por.		
			LS, fos frgtl, brach, spcls, argil.		
			LS, argil, silc, fnly foslf, brach, s/ch.		
			LS, mud, argil, foslf, brach, cor, sl slty.		